**APPENDIX 2-4. Thiamethoxam Studies Submitted to US EPA, by PC Code (OPPIN Bibliography, as of Aug. 6, 2021)**

**Bibliography, PC code 060109**

### 61-1       Chemical Identity

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 44703301 | Lail, L. (1998) Product Chemistry: Helix: Group A: Lab Project Number: 514-98: ASGSR-98-311: ASR-735. Unpublished study prepared by Novartis Crop Protection, Inc. 218 p. {OPPTS 830.1550, 830.1600, 830.1650, 830.1670, 830.1750, 830.1800} |
| 44703303 | Lail, L. (1998) Characterization Report of Helix: Lab Project Number: 735-98: ASGSR-98-014: 1118-23. Unpublished study prepared by Novartis Crop Protection, Inc. 6 p. |
| 44703304 | Lail, L. (1998) Product Chemistry: CGA-293343 Technical: Group A: Lab Project Number: 666-97: 667-97: 668-97. Unpublished study prepared by Novartis Crop Protection, Inc. 367 p. {OPPTS 830.1550, 830.1600, 830.1620, 830.1670, 830.1700, 830.1750, 830.1800} |
| 44714901 | Irrig, H. (1998) CGA-293343 5FS: Product Chemistry Group A Data Requirements: (A-9765 C): Lab Project Number: 502-98: GQCRD002: ASGR-98-286. Unpublished study prepared by Novartis Crop Protection, Inc. 173 p. {OPPTS 830.1550, 830.1600, 830.1650, 830.1670, 830.1750, 830.1800} |
| 44714904 | Lail, L. (1998) CGA-293343 70WS: Product Chemistry Group A Data Requirements: (A-9567 B): Lab Project Number: 503-98: ASGSR-98-285: AF.1226.2. Unpublished study prepared by Novartis Crop Protection, Inc. 113 p. {OPPTS 830.1550, 830.1600, 830.1620, 1830.1670, 830.1750, 830.1800} |
| 44714907 | Lail, L. (1998) Actara 25WG: Product Chemistry Group A Data Requirements: (A-9584C): Lab Project Number: 500-98: ASGSR-98-287: AF. 1241.2. Unpublished study prepared by Novartis Crop Protection, Inc. 92 p. {OPPTS 830.1550, 830.1600, 830.1650, 830.1670, 830.1750, 830.1800} |
| 44714910 | Irrig, H. (1998) CGA-293343 2SC Product Chemistry Group A Data Requirements: (A-9795B):Lab Project Number: 501-98. Unpublished study prepared by Novartis Crop Protection, Inc. 163 p. {OPPTS 830.1550, 830.1600, 830.1620, 830.1670, 830.1750, 830.1800} |
| 44714913 | Hipps, A. (1998) CGA-293343 Spot on Liquid: Product Chemistry Group A Data Requirements: Lab Project Number: 982-98. Unpublished study prepared by Novartis Crop Protection, Inc. 154 p. {OPPTS 830.1550, 830.1600, 830.1620, 830.1670, 830.1750, 830.1800} |
| 44886601 | Hipps, A. (1999) CGA-293343 Spot on Liquid: Product Chemistry Group A Data Requirements: Lab Project Number: 613: 614: 615. Unpublished study prepared by Novartis Crop Protection, Inc. 123 p. {OPPTS 830.1550, 830.1600, 830.1650, 830.1670, 830.1750, 830.1800} |
| 44949001 | Phelps, L. (1999) Product Chemistry: CGA-293343 0.22 GR: Lab Project Number: 912-99: ASGSR-99-220: AF-1400/1. Unpublished study prepared by Novartis Crop Protection. 100 p. {OPPTS 830.1550, 830.1600, 830.1650, 830.1670, 830.1750, 830.1800} |
| 44949004 | Phelps, L. (1999) Product Chemistry: CGA-293343 0.33 GR: Group Data A: Lab Project Number: 916-99: AF-1401/1. Unpublished study prepared by Novartis Crop Protection, Inc. 99 p. {OPPTS 830.1550, 830.1600, 830.1650, 830.1670, 830.1750, 830.1800} |
| 45093701 | Phelps, L. (1999) Group A: Product Chemistry: CGA-173506/CGA-293343 1.7 DS (A12142A): Lab Project Number: PC-99-034: 1000-99: AF-1406/1. Unpublished study prepared by Novartis Crop Protection. 78 p. {OPPTS 830.1550, 830.1600, 830.1650, 830.1670, 830.1670, 830.1750, 830.1800} |
| 45271801 | Phelps, L. (2000) Manufacturing Process Description and Supporting Data for CGA-293343 40 WG: Lab Project Number: PC-00-038: 816-00: AF-1430/1. Unpublished study prepared by Novartis Crop Protection, Inc. 150 p. {OPPTS 830.1550, 830.1600, 830.1650, 830.1670, 830.1750, 830.1800} |
| 45271808 | Phelps, L. (2000) Manufacturing Process Description and Supporting Data for CGA-139374/CGA-183506/CGA-293343/CGA-329351 156 FS (A12178A): Lab Project Number: PC-00-024: AF-1414/1: ASGSR-99-310. Unpublished study prepared by Novartis Crop Protection Inc. 223 p. {OPPTS 830.1550, 830.1600, 830.1650, 830.1670, 830.1750, 830.1800} |
| 45271813 | Phelps, L. (2000) Manufacturing Process Description and Supporting Data for CGA-293343/CGA-329351 1.22 SL (A12425B): Lab Project Number: PC-00-026: 793-00:AF-1428/1. Unpublished study prepared by Novartis Crop Protection, Inc. 78 p. {OPPTS 830.1550, 830.1600, 830.1650, 830.1670 830.1750, 830.1800} |
| 45758901 | Helmer, D. (2002) Product Identity, Composition and Enforcement Analytical Method of Xamox 3OL: Lab Project Number: PPD-20: AF-1262/1: TDS BS 9813. Unpublished study prepared by Sandoz Agro Ltd. 83 p. |
| 45759001 | Helmer, D. (2002) Product Identity, Composition and Enforcement Analytical Method of XAMOX 10TK: Lab Project Number: PPD-19: AF-1262/1. Unpublished study prepared by Janssen Pharmaceutica, N.V. 34 p. |

### 61-2       Description of Beginning Materials and Manufacturing Proces

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 44703301 | Lail, L. (1998) Product Chemistry: Helix: Group A: Lab Project Number: 514-98: ASGSR-98-311: ASR-735. Unpublished study prepared by Novartis Crop Protection, Inc. 218 p. {OPPTS 830.1550, 830.1600, 830.1650, 830.1670, 830.1750, 830.1800} |
| 44703304 | Lail, L. (1998) Product Chemistry: CGA-293343 Technical: Group A: Lab Project Number: 666-97: 667-97: 668-97. Unpublished study prepared by Novartis Crop Protection, Inc. 367 p. {OPPTS 830.1550, 830.1600, 830.1620, 830.1670, 830.1700, 830.1750, 830.1800} |
| 44714901 | Irrig, H. (1998) CGA-293343 5FS: Product Chemistry Group A Data Requirements: (A-9765 C): Lab Project Number: 502-98: GQCRD002: ASGR-98-286. Unpublished study prepared by Novartis Crop Protection, Inc. 173 p. {OPPTS 830.1550, 830.1600, 830.1650, 830.1670, 830.1750, 830.1800} |
| 44714904 | Lail, L. (1998) CGA-293343 70WS: Product Chemistry Group A Data Requirements: (A-9567 B): Lab Project Number: 503-98: ASGSR-98-285: AF.1226.2. Unpublished study prepared by Novartis Crop Protection, Inc. 113 p. {OPPTS 830.1550, 830.1600, 830.1620, 1830.1670, 830.1750, 830.1800} |
| 44714907 | Lail, L. (1998) Actara 25WG: Product Chemistry Group A Data Requirements: (A-9584C): Lab Project Number: 500-98: ASGSR-98-287: AF. 1241.2. Unpublished study prepared by Novartis Crop Protection, Inc. 92 p. {OPPTS 830.1550, 830.1600, 830.1650, 830.1670, 830.1750, 830.1800} |
| 44714910 | Irrig, H. (1998) CGA-293343 2SC Product Chemistry Group A Data Requirements: (A-9795B):Lab Project Number: 501-98. Unpublished study prepared by Novartis Crop Protection, Inc. 163 p. {OPPTS 830.1550, 830.1600, 830.1620, 830.1670, 830.1750, 830.1800} |
| 44714913 | Hipps, A. (1998) CGA-293343 Spot on Liquid: Product Chemistry Group A Data Requirements: Lab Project Number: 982-98. Unpublished study prepared by Novartis Crop Protection, Inc. 154 p. {OPPTS 830.1550, 830.1600, 830.1620, 830.1670, 830.1750, 830.1800} |
| 44862301 | Phelps, L. (1999) Product Chemistry: CGA-293343 Technical: Group A Data Requirements: Lab Project Number: 626-99: 629-99. Unpublished study prepared by Novartis Crop Protection, Inc. 87 p. {OPPTS 830.1550, 830.1620, 830.1670, 830.1700} |
| 44886601 | Hipps, A. (1999) CGA-293343 Spot on Liquid: Product Chemistry Group A Data Requirements: Lab Project Number: 613: 614: 615. Unpublished study prepared by Novartis Crop Protection, Inc. 123 p. {OPPTS 830.1550, 830.1600, 830.1650, 830.1670, 830.1750, 830.1800} |
| 44949001 | Phelps, L. (1999) Product Chemistry: CGA-293343 0.22 GR: Lab Project Number: 912-99: ASGSR-99-220: AF-1400/1. Unpublished study prepared by Novartis Crop Protection. 100 p. {OPPTS 830.1550, 830.1600, 830.1650, 830.1670, 830.1750, 830.1800} |
| 44949004 | Phelps, L. (1999) Product Chemistry: CGA-293343 0.33 GR: Group Data A: Lab Project Number: 916-99: AF-1401/1. Unpublished study prepared by Novartis Crop Protection, Inc. 99 p. {OPPTS 830.1550, 830.1600, 830.1650, 830.1670, 830.1750, 830.1800} |
| 45093701 | Phelps, L. (1999) Group A: Product Chemistry: CGA-173506/CGA-293343 1.7 DS (A12142A): Lab Project Number: PC-99-034: 1000-99: AF-1406/1. Unpublished study prepared by Novartis Crop Protection. 78 p. {OPPTS 830.1550, 830.1600, 830.1650, 830.1670, 830.1670, 830.1750, 830.1800} |
| 45271801 | Phelps, L. (2000) Manufacturing Process Description and Supporting Data for CGA-293343 40 WG: Lab Project Number: PC-00-038: 816-00: AF-1430/1. Unpublished study prepared by Novartis Crop Protection, Inc. 150 p. {OPPTS 830.1550, 830.1600, 830.1650, 830.1670, 830.1750, 830.1800} |
| 45271808 | Phelps, L. (2000) Manufacturing Process Description and Supporting Data for CGA-139374/CGA-183506/CGA-293343/CGA-329351 156 FS (A12178A): Lab Project Number: PC-00-024: AF-1414/1: ASGSR-99-310. Unpublished study prepared by Novartis Crop Protection Inc. 223 p. {OPPTS 830.1550, 830.1600, 830.1650, 830.1670, 830.1750, 830.1800} |
| 45271813 | Phelps, L. (2000) Manufacturing Process Description and Supporting Data for CGA-293343/CGA-329351 1.22 SL (A12425B): Lab Project Number: PC-00-026: 793-00:AF-1428/1. Unpublished study prepared by Novartis Crop Protection, Inc. 78 p. {OPPTS 830.1550, 830.1600, 830.1650, 830.1670 830.1750, 830.1800} |
| 45758901 | Helmer, D. (2002) Product Identity, Composition and Enforcement Analytical Method of Xamox 3OL: Lab Project Number: PPD-20: AF-1262/1: TDS BS 9813. Unpublished study prepared by Sandoz Agro Ltd. 83 p. |
| 45759001 | Helmer, D. (2002) Product Identity, Composition and Enforcement Analytical Method of XAMOX 10TK: Lab Project Number: PPD-19: AF-1262/1. Unpublished study prepared by Janssen Pharmaceutica, N.V. 34 p. |

### 61-3       Discussion of Formation of Impurities

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 44703301 | Lail, L. (1998) Product Chemistry: Helix: Group A: Lab Project Number: 514-98: ASGSR-98-311: ASR-735. Unpublished study prepared by Novartis Crop Protection, Inc. 218 p. {OPPTS 830.1550, 830.1600, 830.1650, 830.1670, 830.1750, 830.1800} |
| 44703304 | Lail, L. (1998) Product Chemistry: CGA-293343 Technical: Group A: Lab Project Number: 666-97: 667-97: 668-97. Unpublished study prepared by Novartis Crop Protection, Inc. 367 p. {OPPTS 830.1550, 830.1600, 830.1620, 830.1670, 830.1700, 830.1750, 830.1800} |
| 44714901 | Irrig, H. (1998) CGA-293343 5FS: Product Chemistry Group A Data Requirements: (A-9765 C): Lab Project Number: 502-98: GQCRD002: ASGR-98-286. Unpublished study prepared by Novartis Crop Protection, Inc. 173 p. {OPPTS 830.1550, 830.1600, 830.1650, 830.1670, 830.1750, 830.1800} |
| 44714904 | Lail, L. (1998) CGA-293343 70WS: Product Chemistry Group A Data Requirements: (A-9567 B): Lab Project Number: 503-98: ASGSR-98-285: AF.1226.2. Unpublished study prepared by Novartis Crop Protection, Inc. 113 p. {OPPTS 830.1550, 830.1600, 830.1620, 1830.1670, 830.1750, 830.1800} |
| 44714907 | Lail, L. (1998) Actara 25WG: Product Chemistry Group A Data Requirements: (A-9584C): Lab Project Number: 500-98: ASGSR-98-287: AF. 1241.2. Unpublished study prepared by Novartis Crop Protection, Inc. 92 p. {OPPTS 830.1550, 830.1600, 830.1650, 830.1670, 830.1750, 830.1800} |
| 44714910 | Irrig, H. (1998) CGA-293343 2SC Product Chemistry Group A Data Requirements: (A-9795B):Lab Project Number: 501-98. Unpublished study prepared by Novartis Crop Protection, Inc. 163 p. {OPPTS 830.1550, 830.1600, 830.1620, 830.1670, 830.1750, 830.1800} |
| 44714913 | Hipps, A. (1998) CGA-293343 Spot on Liquid: Product Chemistry Group A Data Requirements: Lab Project Number: 982-98. Unpublished study prepared by Novartis Crop Protection, Inc. 154 p. {OPPTS 830.1550, 830.1600, 830.1620, 830.1670, 830.1750, 830.1800} |
| 44862301 | Phelps, L. (1999) Product Chemistry: CGA-293343 Technical: Group A Data Requirements: Lab Project Number: 626-99: 629-99. Unpublished study prepared by Novartis Crop Protection, Inc. 87 p. {OPPTS 830.1550, 830.1620, 830.1670, 830.1700} |
| 44886601 | Hipps, A. (1999) CGA-293343 Spot on Liquid: Product Chemistry Group A Data Requirements: Lab Project Number: 613: 614: 615. Unpublished study prepared by Novartis Crop Protection, Inc. 123 p. {OPPTS 830.1550, 830.1600, 830.1650, 830.1670, 830.1750, 830.1800} |
| 44949001 | Phelps, L. (1999) Product Chemistry: CGA-293343 0.22 GR: Lab Project Number: 912-99: ASGSR-99-220: AF-1400/1. Unpublished study prepared by Novartis Crop Protection. 100 p. {OPPTS 830.1550, 830.1600, 830.1650, 830.1670, 830.1750, 830.1800} |
| 44949004 | Phelps, L. (1999) Product Chemistry: CGA-293343 0.33 GR: Group Data A: Lab Project Number: 916-99: AF-1401/1. Unpublished study prepared by Novartis Crop Protection, Inc. 99 p. {OPPTS 830.1550, 830.1600, 830.1650, 830.1670, 830.1750, 830.1800} |
| 45093701 | Phelps, L. (1999) Group A: Product Chemistry: CGA-173506/CGA-293343 1.7 DS (A12142A): Lab Project Number: PC-99-034: 1000-99: AF-1406/1. Unpublished study prepared by Novartis Crop Protection. 78 p. {OPPTS 830.1550, 830.1600, 830.1650, 830.1670, 830.1670, 830.1750, 830.1800} |
| 45271801 | Phelps, L. (2000) Manufacturing Process Description and Supporting Data for CGA-293343 40 WG: Lab Project Number: PC-00-038: 816-00: AF-1430/1. Unpublished study prepared by Novartis Crop Protection, Inc. 150 p. {OPPTS 830.1550, 830.1600, 830.1650, 830.1670, 830.1750, 830.1800} |
| 45271808 | Phelps, L. (2000) Manufacturing Process Description and Supporting Data for CGA-139374/CGA-183506/CGA-293343/CGA-329351 156 FS (A12178A): Lab Project Number: PC-00-024: AF-1414/1: ASGSR-99-310. Unpublished study prepared by Novartis Crop Protection Inc. 223 p. {OPPTS 830.1550, 830.1600, 830.1650, 830.1670, 830.1750, 830.1800} |
| 45271813 | Phelps, L. (2000) Manufacturing Process Description and Supporting Data for CGA-293343/CGA-329351 1.22 SL (A12425B): Lab Project Number: PC-00-026: 793-00:AF-1428/1. Unpublished study prepared by Novartis Crop Protection, Inc. 78 p. {OPPTS 830.1550, 830.1600, 830.1650, 830.1670 830.1750, 830.1800} |
| 45758901 | Helmer, D. (2002) Product Identity, Composition and Enforcement Analytical Method of Xamox 3OL: Lab Project Number: PPD-20: AF-1262/1: TDS BS 9813. Unpublished study prepared by Sandoz Agro Ltd. 83 p. |
| 45759001 | Helmer, D. (2002) Product Identity, Composition and Enforcement Analytical Method of XAMOX 10TK: Lab Project Number: PPD-19: AF-1262/1. Unpublished study prepared by Janssen Pharmaceutica, N.V. 34 p. |

### 62-1       Preliminary Analysis

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 44703304 | Lail, L. (1998) Product Chemistry: CGA-293343 Technical: Group A: Lab Project Number: 666-97: 667-97: 668-97. Unpublished study prepared by Novartis Crop Protection, Inc. 367 p. {OPPTS 830.1550, 830.1600, 830.1620, 830.1670, 830.1700, 830.1750, 830.1800} |
| 44862301 | Phelps, L. (1999) Product Chemistry: CGA-293343 Technical: Group A Data Requirements: Lab Project Number: 626-99: 629-99. Unpublished study prepared by Novartis Crop Protection, Inc. 87 p. {OPPTS 830.1550, 830.1620, 830.1670, 830.1700} |
| 45852801 | Mollica, J.; Lala, M. (2002) Stability Study of the Manufacturing Product Formulation LAg2001 135 (10% R170051) and of the End-Use Product Formulation LAg2000 493 (2.5% R95137 and 0.5% R170051): Final Report: Lab Project Number: AGR 381: JANSSEN-1391: TDS BS 9813. Unpublished study prepared by Pyxant Labs Inc. 228 p. {OPPTS 830.1700, 830.6317} |

### 62-2       Certification of limits

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 44703301 | Lail, L. (1998) Product Chemistry: Helix: Group A: Lab Project Number: 514-98: ASGSR-98-311: ASR-735. Unpublished study prepared by Novartis Crop Protection, Inc. 218 p. {OPPTS 830.1550, 830.1600, 830.1650, 830.1670, 830.1750, 830.1800} |
| 44703303 | Lail, L. (1998) Characterization Report of Helix: Lab Project Number: 735-98: ASGSR-98-014: 1118-23. Unpublished study prepared by Novartis Crop Protection, Inc. 6 p. |
| 44703304 | Lail, L. (1998) Product Chemistry: CGA-293343 Technical: Group A: Lab Project Number: 666-97: 667-97: 668-97. Unpublished study prepared by Novartis Crop Protection, Inc. 367 p. {OPPTS 830.1550, 830.1600, 830.1620, 830.1670, 830.1700, 830.1750, 830.1800} |
| 44714901 | Irrig, H. (1998) CGA-293343 5FS: Product Chemistry Group A Data Requirements: (A-9765 C): Lab Project Number: 502-98: GQCRD002: ASGR-98-286. Unpublished study prepared by Novartis Crop Protection, Inc. 173 p. {OPPTS 830.1550, 830.1600, 830.1650, 830.1670, 830.1750, 830.1800} |
| 44714904 | Lail, L. (1998) CGA-293343 70WS: Product Chemistry Group A Data Requirements: (A-9567 B): Lab Project Number: 503-98: ASGSR-98-285: AF.1226.2. Unpublished study prepared by Novartis Crop Protection, Inc. 113 p. {OPPTS 830.1550, 830.1600, 830.1620, 1830.1670, 830.1750, 830.1800} |
| 44714907 | Lail, L. (1998) Actara 25WG: Product Chemistry Group A Data Requirements: (A-9584C): Lab Project Number: 500-98: ASGSR-98-287: AF. 1241.2. Unpublished study prepared by Novartis Crop Protection, Inc. 92 p. {OPPTS 830.1550, 830.1600, 830.1650, 830.1670, 830.1750, 830.1800} |
| 44714910 | Irrig, H. (1998) CGA-293343 2SC Product Chemistry Group A Data Requirements: (A-9795B):Lab Project Number: 501-98. Unpublished study prepared by Novartis Crop Protection, Inc. 163 p. {OPPTS 830.1550, 830.1600, 830.1620, 830.1670, 830.1750, 830.1800} |
| 44714913 | Hipps, A. (1998) CGA-293343 Spot on Liquid: Product Chemistry Group A Data Requirements: Lab Project Number: 982-98. Unpublished study prepared by Novartis Crop Protection, Inc. 154 p. {OPPTS 830.1550, 830.1600, 830.1620, 830.1670, 830.1750, 830.1800} |
| 44886601 | Hipps, A. (1999) CGA-293343 Spot on Liquid: Product Chemistry Group A Data Requirements: Lab Project Number: 613: 614: 615. Unpublished study prepared by Novartis Crop Protection, Inc. 123 p. {OPPTS 830.1550, 830.1600, 830.1650, 830.1670, 830.1750, 830.1800} |
| 44949001 | Phelps, L. (1999) Product Chemistry: CGA-293343 0.22 GR: Lab Project Number: 912-99: ASGSR-99-220: AF-1400/1. Unpublished study prepared by Novartis Crop Protection. 100 p. {OPPTS 830.1550, 830.1600, 830.1650, 830.1670, 830.1750, 830.1800} |
| 44949004 | Phelps, L. (1999) Product Chemistry: CGA-293343 0.33 GR: Group Data A: Lab Project Number: 916-99: AF-1401/1. Unpublished study prepared by Novartis Crop Protection, Inc. 99 p. {OPPTS 830.1550, 830.1600, 830.1650, 830.1670, 830.1750, 830.1800} |
| 45093701 | Phelps, L. (1999) Group A: Product Chemistry: CGA-173506/CGA-293343 1.7 DS (A12142A): Lab Project Number: PC-99-034: 1000-99: AF-1406/1. Unpublished study prepared by Novartis Crop Protection. 78 p. {OPPTS 830.1550, 830.1600, 830.1650, 830.1670, 830.1670, 830.1750, 830.1800} |
| 45271801 | Phelps, L. (2000) Manufacturing Process Description and Supporting Data for CGA-293343 40 WG: Lab Project Number: PC-00-038: 816-00: AF-1430/1. Unpublished study prepared by Novartis Crop Protection, Inc. 150 p. {OPPTS 830.1550, 830.1600, 830.1650, 830.1670, 830.1750, 830.1800} |
| 45271808 | Phelps, L. (2000) Manufacturing Process Description and Supporting Data for CGA-139374/CGA-183506/CGA-293343/CGA-329351 156 FS (A12178A): Lab Project Number: PC-00-024: AF-1414/1: ASGSR-99-310. Unpublished study prepared by Novartis Crop Protection Inc. 223 p. {OPPTS 830.1550, 830.1600, 830.1650, 830.1670, 830.1750, 830.1800} |
| 45271813 | Phelps, L. (2000) Manufacturing Process Description and Supporting Data for CGA-293343/CGA-329351 1.22 SL (A12425B): Lab Project Number: PC-00-026: 793-00:AF-1428/1. Unpublished study prepared by Novartis Crop Protection, Inc. 78 p. {OPPTS 830.1550, 830.1600, 830.1650, 830.1670 830.1750, 830.1800} |
| 45758901 | Helmer, D. (2002) Product Identity, Composition and Enforcement Analytical Method of Xamox 3OL: Lab Project Number: PPD-20: AF-1262/1: TDS BS 9813. Unpublished study prepared by Sandoz Agro Ltd. 83 p. |
| 45759001 | Helmer, D. (2002) Product Identity, Composition and Enforcement Analytical Method of XAMOX 10TK: Lab Project Number: PPD-19: AF-1262/1. Unpublished study prepared by Janssen Pharmaceutica, N.V. 34 p. |

### 62-3       Analytical Method

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 44703301 | Lail, L. (1998) Product Chemistry: Helix: Group A: Lab Project Number: 514-98: ASGSR-98-311: ASR-735. Unpublished study prepared by Novartis Crop Protection, Inc. 218 p. {OPPTS 830.1550, 830.1600, 830.1650, 830.1670, 830.1750, 830.1800} |
| 44703304 | Lail, L. (1998) Product Chemistry: CGA-293343 Technical: Group A: Lab Project Number: 666-97: 667-97: 668-97. Unpublished study prepared by Novartis Crop Protection, Inc. 367 p. {OPPTS 830.1550, 830.1600, 830.1620, 830.1670, 830.1700, 830.1750, 830.1800} |
| 44714901 | Irrig, H. (1998) CGA-293343 5FS: Product Chemistry Group A Data Requirements: (A-9765 C): Lab Project Number: 502-98: GQCRD002: ASGR-98-286. Unpublished study prepared by Novartis Crop Protection, Inc. 173 p. {OPPTS 830.1550, 830.1600, 830.1650, 830.1670, 830.1750, 830.1800} |
| 44714904 | Lail, L. (1998) CGA-293343 70WS: Product Chemistry Group A Data Requirements: (A-9567 B): Lab Project Number: 503-98: ASGSR-98-285: AF.1226.2. Unpublished study prepared by Novartis Crop Protection, Inc. 113 p. {OPPTS 830.1550, 830.1600, 830.1620, 1830.1670, 830.1750, 830.1800} |
| 44714907 | Lail, L. (1998) Actara 25WG: Product Chemistry Group A Data Requirements: (A-9584C): Lab Project Number: 500-98: ASGSR-98-287: AF. 1241.2. Unpublished study prepared by Novartis Crop Protection, Inc. 92 p. {OPPTS 830.1550, 830.1600, 830.1650, 830.1670, 830.1750, 830.1800} |
| 44714910 | Irrig, H. (1998) CGA-293343 2SC Product Chemistry Group A Data Requirements: (A-9795B):Lab Project Number: 501-98. Unpublished study prepared by Novartis Crop Protection, Inc. 163 p. {OPPTS 830.1550, 830.1600, 830.1620, 830.1670, 830.1750, 830.1800} |
| 44714913 | Hipps, A. (1998) CGA-293343 Spot on Liquid: Product Chemistry Group A Data Requirements: Lab Project Number: 982-98. Unpublished study prepared by Novartis Crop Protection, Inc. 154 p. {OPPTS 830.1550, 830.1600, 830.1620, 830.1670, 830.1750, 830.1800} |
| 44886601 | Hipps, A. (1999) CGA-293343 Spot on Liquid: Product Chemistry Group A Data Requirements: Lab Project Number: 613: 614: 615. Unpublished study prepared by Novartis Crop Protection, Inc. 123 p. {OPPTS 830.1550, 830.1600, 830.1650, 830.1670, 830.1750, 830.1800} |
| 44949001 | Phelps, L. (1999) Product Chemistry: CGA-293343 0.22 GR: Lab Project Number: 912-99: ASGSR-99-220: AF-1400/1. Unpublished study prepared by Novartis Crop Protection. 100 p. {OPPTS 830.1550, 830.1600, 830.1650, 830.1670, 830.1750, 830.1800} |
| 44949004 | Phelps, L. (1999) Product Chemistry: CGA-293343 0.33 GR: Group Data A: Lab Project Number: 916-99: AF-1401/1. Unpublished study prepared by Novartis Crop Protection, Inc. 99 p. {OPPTS 830.1550, 830.1600, 830.1650, 830.1670, 830.1750, 830.1800} |
| 45093701 | Phelps, L. (1999) Group A: Product Chemistry: CGA-173506/CGA-293343 1.7 DS (A12142A): Lab Project Number: PC-99-034: 1000-99: AF-1406/1. Unpublished study prepared by Novartis Crop Protection. 78 p. {OPPTS 830.1550, 830.1600, 830.1650, 830.1670, 830.1670, 830.1750, 830.1800} |
| 45271801 | Phelps, L. (2000) Manufacturing Process Description and Supporting Data for CGA-293343 40 WG: Lab Project Number: PC-00-038: 816-00: AF-1430/1. Unpublished study prepared by Novartis Crop Protection, Inc. 150 p. {OPPTS 830.1550, 830.1600, 830.1650, 830.1670, 830.1750, 830.1800} |
| 45271808 | Phelps, L. (2000) Manufacturing Process Description and Supporting Data for CGA-139374/CGA-183506/CGA-293343/CGA-329351 156 FS (A12178A): Lab Project Number: PC-00-024: AF-1414/1: ASGSR-99-310. Unpublished study prepared by Novartis Crop Protection Inc. 223 p. {OPPTS 830.1550, 830.1600, 830.1650, 830.1670, 830.1750, 830.1800} |
| 45271813 | Phelps, L. (2000) Manufacturing Process Description and Supporting Data for CGA-293343/CGA-329351 1.22 SL (A12425B): Lab Project Number: PC-00-026: 793-00:AF-1428/1. Unpublished study prepared by Novartis Crop Protection, Inc. 78 p. {OPPTS 830.1550, 830.1600, 830.1650, 830.1670 830.1750, 830.1800} |
| 45758901 | Helmer, D. (2002) Product Identity, Composition and Enforcement Analytical Method of Xamox 3OL: Lab Project Number: PPD-20: AF-1262/1: TDS BS 9813. Unpublished study prepared by Sandoz Agro Ltd. 83 p. |
| 45759001 | Helmer, D. (2002) Product Identity, Composition and Enforcement Analytical Method of XAMOX 10TK: Lab Project Number: PPD-19: AF-1262/1. Unpublished study prepared by Janssen Pharmaceutica, N.V. 34 p. |
| 45759002 | Cervantes, T.; Lala, M. (2001) A Limited Product Chemistry Analysis of the Manufacturing Product Formulation LAg2001 135 (10% R170051) and of the End-Use Product Formulation LAg2000 493 (2.5% R95137 and 0.5% R170051): Final Report: Lab Project Number: AGR 382: 1385: TDS BS 9813. Unpublished study prepared by Pyxant Labs Inc. 213 p. {OPPTS 830.1700, 830.6302, 830.6303, 830.6304, 830.6315, 830.6319, 830.6320, 830.7000, 830.7100, 830.7300} |

### 63-0       Reports of Multiple phys/chem Characteristics

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 44703302 | Lail, L. (1998) Product Chemistry: Helix: Group B: Lab Project Number: 245-98: 246-98. Unpublished study prepared by Novartis Crop Protection, Inc. 6 p. {OPPTS 830.6302, 830.6303, 830.6304, 830.6315, 830.6320, 830.7000, 830.7100, 830.7300} |
| 44703305 | Lail, L. (1998) Product Chemistry: CGA-293343 Technical: Group B: Lab Project Number: 577-97: 578-97: 35444. Unpublished study prepared by Novartis Crop Protection, Inc. 96 p. {OPPTS 830.6302, 830.6303, 830.6304, 830.7200, 830.7220, 830.7300, 830.1840, 830.7950, 830.7370, 830.7550, 8307000, 830.6315, 830.6316} |
| 44714902 | Irrig, H. (1998) CGA-293343 5FS: Product Chemistry Group B Data Requirements: (A-9765 C): Lab Project Number: 572-98: 573-98. Unpublished study prepared by Novartis Crop Protection, Inc. 6 p. {OPPTS 830.6302, 830.6303, 830.6304, 830.6315, 830.6320, 830.7000, 830.7100, 830.7300} |
| 44714905 | Lail, L. (1998) CGA-293343 70WS: Product Chemistry Group B Data Requirements: (A-9567B): Lab Project Number: 641-98. Unpublished study prepared by Novartis Crop Protection, Inc. 7 p. {OPPTS 830.6302, 830.6303, 830.6304, 830.6315, 830.7000, 830.7300, 830.6314, 830.6316, 830.6320} |
| 44714908 | Lail, L. (1998) Actara 25WG: Product Chemistry Group B Data Requirements: (A-9584C): Lab Project Number: 563-98. Unpublished study prepared by Novartis Crop Protection, Inc. 7 p. {OPPTS 830.6302, 830.6303, 830.6315, 830.6314, 830.6320, 830.7000, 830.7300} |
| 44714911 | Irrig, H. (1998) CGA-293343 2SC Product Chemistry Group B Data Requirements: (A-9795B): Lab Project Number: 574-98. Unpublished study prepared by Novartis Crop Protection, Inc. 6 p. {OPPTS 830.6302, 830.6303, 830.6304, 830.6315, 830.6320, 830.7000, 830.7100, 830.7300} |
| 44714914 | Hipps, A. (1998) CGA-293343 Spot on Liquid: Product Chemistry Group B Data Requirements: Lab Project Number: 983-98. Unpublished study prepared by Novartis Crop Protection, Inc. 5 p. {OPPTS 830.6302, 830.6303, 830.6304, 830.6314, 830.6315, 830.6316, 830.6320, 830.7000, 830.7100, 830.7300} |
| 44886602 | Hipps, A. (1999) CGA-293343 Spot on Liquid: Group B Data Requirements Product Chemistry: Lab Project Number: 671: 932-99: 874-99. Unpublished study prepared by Novartis Crop Protection, Inc. 6 p. {OPPTS 830.6302, 830.6303, 830.6304, 830.7300, 830.7000, 830.6315, 830.7100, 830.6319, 830.6320} |
| 44949002 | Phelps, L. (1999) Product Chemistry: Group B: CGA-293343 0.22 GR: Lab Project Number: 914-99: 915-99. Unpublished study prepared by Novartis Crop Protection. 6 p. {OPPTS 830.6302, 830.6303, 830.6304, 830.6316, 830.6320, 830.7000, 830.7300} |
| 44949005 | Phelps, L. (1999) Product Chemistry: Group B: CGA-293343 0.33 GR: Lab Project Number: 917-99: 918-99. Unpublished study prepared by Novartis Crop Protection, Inc. 6 p. {OPPTS 830.6302, 830.6303, 830.6304, 830.6316, 830.6320, 830.7000, 830.7300} |
| 45093702 | Phelps, L. (1999) Group B: Product Chemistry: CGA-173506/CGA-293343 1.7 DS (A12142A): Lab Project Number: PC-99-035. Unpublished study prepared by Novartis Crop Protection. 6 p. {OPPTS 830.6302, 830.6303, 830.6316, 830.6320, 830.7000, 830.7300} |
| 45271802 | Phelps, L. (2000) Physical and Chemical Properties of CGA-293343 40 WG: Lab Project Number: PC-00-039. Unpublished study prepared by Novartis Crop Protection, Inc. 21 p. {OPPTS 830.6302, 830.6303, 830.6304, 830.6316, 830.6320, 830.7000, 830.7300} |
| 45271809 | Phelps, L. (2000) Physical and Chemical Properties of CGA-139374/CGA-183506/CGA-293343/CGA-329351 156 FS (A12178A): Lab Project Number: PC-00-025. Unpublished study prepared by Novartis Crop Protection Inc. 6 p. {OPPTS 830.6302, 830.6303, 830.6304, 830.6315, 830.6317, 830.6320, 830.7000, 830.7100, 830.7300} |
| 45271814 | Phelps, L. (2000) Physical and Chemical Properties of CGA-293343/CGA-329351 1.22 SL (A12425B): Lab Project Number: PC-00-027. Unpublished study prepared by Novartis Crop Protection, Inc. 6 p. {OPPTS 830.6302, 830.6303, 830.6304, 830.6315, 830.6317, 830.6320, 830.7000, 830.7100, 830.7300} |
| 45759002 | Cervantes, T.; Lala, M. (2001) A Limited Product Chemistry Analysis of the Manufacturing Product Formulation LAg2001 135 (10% R170051) and of the End-Use Product Formulation LAg2000 493 (2.5% R95137 and 0.5% R170051): Final Report: Lab Project Number: AGR 382: 1385: TDS BS 9813. Unpublished study prepared by Pyxant Labs Inc. 213 p. {OPPTS 830.1700, 830.6302, 830.6303, 830.6304, 830.6315, 830.6319, 830.6320, 830.7000, 830.7100, 830.7300} |
| 48432502 | Born, R. (2011) Cyantraniliprole/ Thiamethoxam WG (A16901B)- Physico-Chemical Studies of the Formulation: PC Volume. Project Number: A16901B/10065, PC/11/057, 121400. Unpublished study prepared by Syngenta Crop Protection, LLC. 337 p. |

### 63-17       Storage stability

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45627501 | Irrig, H. (2002) Physical and Chemical Properties of CGA-293343 40 WG (A11963C): Lab Project Number: PC-02-019. Unpublished study prepared by Syngenta Crop Protection, Inc. 6 p. {OPPTS 830.6317 and 830.6320} |
| 45852801 | Mollica, J.; Lala, M. (2002) Stability Study of the Manufacturing Product Formulation LAg2001 135 (10% R170051) and of the End-Use Product Formulation LAg2000 493 (2.5% R95137 and 0.5% R170051): Final Report: Lab Project Number: AGR 381: JANSSEN-1391: TDS BS 9813. Unpublished study prepared by Pyxant Labs Inc. 228 p. {OPPTS 830.1700, 830.6317} |
| 45876601 | Irrig, H. (2003) Two Year Storage Stability at Ambient Temperature and Corrosion Characteristics of CGA293343/CGA329351 1.22SL (A12425B): Lab Project Number: PC-03-031: 794-00: 2. Unpublished study prepared by Syngenta Crop Protection, Inc. 15 p. {OPPTS 830.6317 and 830.6320} |
| 45876602 | Irrig, H. (2003) Three Year Storage Stability at Ambient Temperature and Corrosion Characteristics of CGA293343 SC (240)(A9795B): (Final Report): Lab Project Number: PC-03-030: 575-98: 2626281.DOC. Unpublished study prepared by Syngenta Crop Protection, Inc. 15 p. {OPPTS 830.6317 and 830.6320} |
| 45876603 | Irrig, H. (2003) Two Year Storage Stability at Ambient Temperature and Corrosion Characteristics of CGA293343 WG (25)(A9584C): Lab Project Number: PC-03-029: 1137-00: 2. Unpublished study prepared by Syngenta Crop Protection, Inc. 15 p. {OPPTS 830.6317 and 830.6320} |

### 63-20       Corrosion characteristics

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45627501 | Irrig, H. (2002) Physical and Chemical Properties of CGA-293343 40 WG (A11963C): Lab Project Number: PC-02-019. Unpublished study prepared by Syngenta Crop Protection, Inc. 6 p. {OPPTS 830.6317 and 830.6320} |
| 45876601 | Irrig, H. (2003) Two Year Storage Stability at Ambient Temperature and Corrosion Characteristics of CGA293343/CGA329351 1.22SL (A12425B): Lab Project Number: PC-03-031: 794-00: 2. Unpublished study prepared by Syngenta Crop Protection, Inc. 15 p. {OPPTS 830.6317 and 830.6320} |
| 45876602 | Irrig, H. (2003) Three Year Storage Stability at Ambient Temperature and Corrosion Characteristics of CGA293343 SC (240)(A9795B): (Final Report): Lab Project Number: PC-03-030: 575-98: 2626281.DOC. Unpublished study prepared by Syngenta Crop Protection, Inc. 15 p. {OPPTS 830.6317 and 830.6320} |
| 45876603 | Irrig, H. (2003) Two Year Storage Stability at Ambient Temperature and Corrosion Characteristics of CGA293343 WG (25)(A9584C): Lab Project Number: PC-03-029: 1137-00: 2. Unpublished study prepared by Syngenta Crop Protection, Inc. 15 p. {OPPTS 830.6317 and 830.6320} |

### 71-1       Avian Single Dose Oral Toxicity

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 44703307 | Johnson, A. (1996) Acute Oral Toxicity (LD50) to the Mallard Duck: CGA-293343: Lab Project Number: CBG 745/960013: 718-95. Unpublished study prepared by Huntingdon Life Science Ltd. 45 p. |
| 44703308 | Johnson, A. (1996) Acute Oral Toxicity (LD50) to the Bobwhite Quail: CGA-293343: Lab Project Number: CBG 744/960155: 717-95. Unpublished study prepared by Huntingdon Life Science Ltd. 46 p. |

### 71-2       Avian Dietary Toxicity

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 44703309 | Johnson, A. (1996) Subacute Dietary Toxicity (LC50) to the Bobwhite Quail: CGA-293343: Lab Project Number: CBG 746/960156: 715-95. Unpublished study prepared by Huntingdon Life Science Ltd. 38 p. |
| 44703310 | Johnson, A. (1996) Subacute Dietary Toxicity (LC50) to the Mallard Duck: CGA-293343: Lab Project Number: CBG 747/960199: 716-95. Unpublished study prepared by Huntingdon Life Science Ltd. 38 p. |

### 71-4       Avian Reproduction

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 44703311 | Brewer, L.; Taliaferro, M.; Miller, V. (1998) The Reproductive Toxicity Test of CGA-293343 Technical with the Mallard Duck (Anas platyrhynchos): Lab Project Number: 029710: 294-97: 13.2.6/94. Unpublished study prepared by EBA, Inc. 322 p. |
| 44703312 | Taliaferro, M.; Miller, V. (1998) The Reproductive Toxicity Test of CGA-293343 Technical with the Northern Bobwhite (Colinus virginianus): Lab Project Number: 029518: 99-96. Unpublished study prepared by EBA, Inc. 318 p. |

### 72-1       Acute Toxicity to Freshwater Fish

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 44714916 | Rufli, H. (1997) Acute Toxicity Test of CGA-293343 Technical to Rainbow Trout (Oncorhynchus mykiss) Under Flow-Through Conditions: Lab Project Number: 972548: 762-97. Unpublished study prepared by Novartis Crop Protection, Inc. 45 p. |
| 44714917 | Drottar, K.; Swigert, J. (1996) CGA-293343: A 96 Hour Flow-Through Acute Toxicity Test with the Bluegill (Lepomis macrochirus): Lab Project Number: 108A-189: 205-96. Unpublished study prepared by Novartis Crop Protection, Inc. 45 p. |

### 72-2       Acute Toxicity to Freshwater Invertebrates

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 44714918 | Mank, M.; Krueger, H. (1998) CGA-293343 Technical: A 48-Hour Static Acute Toxicity Test with the Midge (Chironomus riparius): Lab Project Number: 108A-201: 819-98. Unpublished study prepared by Novartis Crop Protection, Inc. 43 p. |
| 44714919 | Neumann, C. (1996) Acute Toxicity Test of CGA-293343 Technical to the Cladoceran Daphnia magna Straus under Static Conditions: Lab Project Number: 95G003: 206-96. Unpublished study prepared by Novartis Crop Protection, Inc. 42 p. |
| 44714928 | Grade, R. (1998) Toxicity Test CGA-293343 Technical on Sediment-Dwelling Chironomus riparius (syn. Chironomus thummi) under Static Conditions: Lab Project Number: 972552: 643-98. Unpublished study prepared by Novartis Crop Protection, Inc. 76 p. |

### 72-3       Acute Toxicity to Estuarine/Marine Organisms

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 44714920 | Drottar, K.; Swigert, J. (1997) CGA-293343: A 96-Hour Flow-Through Acute Toxicity Test with the Sheepshead Minnow (Cyprinodon variegatus): Lab Project Number: 108A-190: 208-96. Unpublished study prepared by Wildlife International Ltd. 46 p. |
| 44714921 | Drottar, K.; Swigert, J. (1997) CGA-293343: A 96-Hour Shell Deposition Test with the Eastern Oyster (Crassostrea virginica): Lab Project Number: 108A-192: 207-96. Unpublished study prepared by Wildlife International Ltd. 47 p. |
| 44714922 | Drottar, K.; Swigert, J. (1997) CGA-293343: A 96-Hour Flow-Through Acute Toxicity Test with the Saltwater Mysid (Mysidopsis bahia): Lab Project Number: 108A-191: 209-96. Unpublished study prepared by Wildlife International Ltd. 45 p. |

### 72-4       Fish Early Life Stage/Aquatic Invertebrate Life Cycle Study

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 44714923 | Drottar, K.; Swigert, J.; Graves, W. (1997) CGA-293343: An Early Life-Stage Toxicity Test with the Rainbow Trout (Oncorhynchus mykiss): Lab Project Number: 108A-188: 322-96. Unpublished study prepared by Wildlife International Ltd. 75 p. |
| 44714924 | Neumann, C. (1997) Daphnia magna Reproduction Test: Effects of CGA-293343 on the Reproduction of the Cladoceran Daphnia magna Straus in a Semi-Static Laboratory Test: Lab Project Number: 95G004: 398-97. Unpublished study prepared by Novartis Crop Protection. 63 p. |
| 45500001 | Wall, S. (2001) Syngenta Response to EFED Concerning Acceptability of Daphnia Life Cycle Study: (Thiamethoxam): Lab Project Number: 1590-00. Unpublished study prepared by Syngenta Crop Protection, Inc. 8 p. |

### 81-1       Acute oral toxicity in rats

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 44703314 | Oda, S. (1996) An Acute Oral Toxicity Study of CGA 293343 Tech. in Rats: Lab Project Number: B-3120: 724-95: 942111. Unpublished study prepared by Bozo Research Center Inc. 65 p. |
| 44703315 | Oda, S. (1996) An Acute Oral Toxicity Study of CGA 293343 Tech. in Mice: Lab Project Number: B-3122: 725-95: 952058. Unpublished study prepared by Bozo Research Center Inc. 66 p. |
| 44703409 | Glaza, S. (1998) Acute Oral Toxicity Study of CGA-293343 Combi 289 FS in Rats: Final Report: Lab Project Number: 80202185: 227-98. Unpublished study prepared by Covance Laboratories Inc. 20 p. |
| 44714933 | Glaza, S. (1998) Acute Oral Toxicity Study of CGA-293343 5FS in Rats: Final Report: Lab Project Number: 80203068: 30-98. Unpublished study prepared by Covance Laboratories, Inc. 39 p. |
| 44715003 | Glaza, S. (1998) Acute Oral Toxicity Study of CGA-293343 70WS in Rats: Final Report: Lab Project Number: 80400257: 36-98. Unpublished study prepared by Covance Laboratories, Inc. 30 p. |
| 44715010 | Glaza, S. (1998) Acute Oral Toxicity Study of CGA-293343 25WG-C in Rats: Final Report: Lab Project Number: 80505037: 474-98. Unpublished study prepared by Covance Laboratories Inc. 19 p. |
| 44715017 | Glaza, S. (1998) Acute Oral Toxicity Study of CGA-293343 2SC in Rats: Final Report: Lab Project Number: 80304222: 221-98. Unpublished study prepared by Covance Laboratories Inc. 19 p. |
| 44715122 | Glaza, S. (1998) Acute Oral Toxicity Study of CGA 293343 Spot On-Formulation in Rats: Final Report: Lab Project Number: 98-0500: 1023-98: COVANCE 80705272. Unpublished study prepared by Covance Laboratories, Inc. 48 p. {OPPTS 870.1100} |
| 44727504 | Cantoreggi, S. (1998) Acute Oral Toxicity in the Rat: CGA-322704 Tech: Lab Project Number: 982001: 1059-98. Unpublished study prepared by Novartis Crop Protection AG. 24 p. |
| 44886604 | Douds, D. (1999) An Acute Oral Toxicity Study in Rats with CGA-293343 Topical Formulation (PC-29G): Lab Project Number: 3488.30: 1022-99: NAH-99-0019. Unpublished study prepared by Springborn Laboratories, Inc (SLI). 84 p. {OPPTS 870.1100} |
| 44949008 | Kuhn, J. (1999) Acute Oral Toxicity Study in Rats: CGA-293343. 22GR: Final Report: Lab Project Number: 5089-99: 859-99. Unpublished study prepared by Stillmeadow, Inc. 12 p. {OPPTS 870.1100} |
| 45093717 | Glaza, S. (1999) Acute Oral Toxicity Study of CGA-173506/CGA-293343 1.7 DS in Rats: Final Report: Lab Project Number: 90700733: 1006-99. Unpublished study prepared by Covance Labs., Inc. 19 p. {OPPTS 870.1100} |
| 45271804 | Glaza, S. (2000) Acute Oral Toxicity Study of CGA-293343 40WG in Rats: Lab Project Number: 00500030: 770-00. Unpublished study prepared by Covance Laboratories Inc. 29 p. {OPPTS 870.1100} |
| 45271816 | Merkel, D. (2000) Acute Oral Toxicity Study in Rats Defined LD 50: CGA-293343/CGA-329351 1.22SL-B: Final Report: Lab Project Number: 8949: P320: 711-00. Unpublished study prepared by Product Safety Labs. 26 p. {OPPTS 870.1100} |
| 45304004 | Glaza, S. (1999) Acute Oral Toxicity Study of CGA-293343 Combi Lite in Rats: Final Report: Lab Project Number: 90704648: 1056-99. Unpublished study prepared by Covance Laboratories Inc. 19 p. {OPPTS 870.1100} |
| 45499915 | Cantoreggi, S. (1999) Acute Oral Toxicity in the Rat (Limit Test): CGA-293343 GR 1, (A-10567 B): Final Report: Lab Project Number: 992029: 1257-99. Unpublished study prepared by Novartis Crop Protection, Inc. 18 p. {OPPTS 870.1100} |
| 45758902 | Moore, G. (2001) Acute Oral Toxicity Study in Rats: LAg2000 493: Lab Project Number: 11125: AGR 394: P320. Unpublished study prepared by Product Safety Labs. 23 p. {OPPTS 870.1100} |
| 45759003 | Moore, G. (2001) Acute Oral Toxicity Study in Rats--Defined LD50: LAg2001 135: Lab Project Number: 11131: AGR 394; P320. Unpublished study prepared by Product Safety Labs. 24 p. {OPPTS 870.1100} |

### 81-2       Acute dermal toxicity in rabbits or rats

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 44703316 | Oda, S. (1996) An Acute Dermal Toxicity Study of CGA 293343 Tech. in Rats: Lab Project Number: B-3121: 726-95: 942112. Unpublished study prepared by Bozo Research Center Inc. 39 p. |
| 44703410 | Glaza, S. (1998) Acute Dermal Toxicity Study of CGA-293343 Combi 289 FS in Rabbits: Final Report: Lab Project Number: 80202186: 228-98. Unpublished study prepared by Covance Laboratories Inc. 20 p. |
| 44714934 | Glaza, S. (1998) Acute Dermal Toxicity Study of CGA-293343 5FS in Rabbits: Final Report: Lab Project Number: 80203069: 27-98. Unpublished study prepared by Covance Laboratories, Inc. 21 p. |
| 44715004 | Glaza, S. (1998) Acute Dermal Toxicity Study of CGA-293343 70WS in Rabbits: Final Report: Lab Project Number: 33-98: 80400258. Unpublished study prepared by Covance Laboratories, Inc. 20 p. |
| 44715011 | Glaza, S. (1998) Acute Dermal Toxicity Study of CGA-293343 25WG-C in Rabbits: Final Report: Lab Project Number: 80505038: 475-98. Unpublished study prepared by Covance Laboratories Inc. 20 p. |
| 44715018 | Glaza, S. (1998) Acute Dermal Toxicity Study of CGA-293343 2SC in Rabbits: Final Report: Lab Project Number: 80304223: 222-98. Unpublished study prepared by Covance Laboratories Inc. 20 p. |
| 44715123 | Glaza, S. (1998) Acute Dermal Toxicity Study of CGA 293343 Spot-On Formulation in Rabbits: Final Report: Lab Project Number: 98-0501: 1024-98: COVANCE 80705273. Unpublished study prepared by Covance Laboratories, Inc. 41 p. {OPPTS 870.1200} |
| 44886605 | Douds, D. (1999) An Acute Dermal Toxicity Study in Rabbits with CGA-293343 Topical Formulation (PC-29G): Lab Project Number: 3488.31: 1023-99: NAH-99-0020. Unpublished study prepared by Springborn Laboratories, Inc (SLI). 55 p. {OPPTS 870.1200} |
| 44949009 | Kuhn, J. (1999) Acute Dermal Toxicity Study in Rabbits: CGA-293343 .22GR: Final Report: Lab Project Number: 5090-99: 860-99. Unpublished study prepared by Stillmeadow, Inc. 12 p. {OPPTS 870.1200} |
| 45093718 | Glaza, S. (1999) Acute Dermal Toxicity Study of CGA-173506/CGA-293343 1.7 DS in Rabbits: Final Report: Lab Project Number: 90700734: 1007-99. Unpublished study prepared by Covance Labs., Inc. 19 p. {OPPTS 870.1200} |
| 45271817 | Merkel, D. (2000) Acute Dermal Toxicity Study in Rabbits-Limit Test: CGA-293343/CGA-329351 1.22SL-B: Final Report: Lab Project Number: 8950: 712-00: P322. Unpublished study prepared by Product Safety Labs. 15 p. {OPPTS 870.1200} |
| 45304001 | Glaza, S. (2000) Acute Dermal Toxicity Study of CGA-293343 40WG-C in Rabbits: Final Report: Lab Project Number: 771-00: 00500031. Unpublished study prepared by Covance Laboratories Inc. 19 p. {OPPTS 870.1200} |
| 45304005 | Glaza, S. (1999) Acute Dermal Toxicity Study of CGA-293343 Combi Lite in Rabbits: Final Report: Lab Project Number: 90704649: 1057-99. Unpublished study prepared by Covance Laboratories Inc. 19 p. {OPPTS 870.1200} |
| 45758903 | Moore, G. (2001) Acute Dermal Toxicity Study in Rats--Limit Test: LAg2000 493: Lab Project Number: 11126: AGR 395: P322. Unpublished study prepared by Product Safety Labs. 15 p. {OPPTS 870.1200} |
| 45759004 | Moore, G. (2001) Acute Dermal Toxicity Study in Rats--Limit Test: LAg2001 135: Lab Project Number: 11132: AGR 395: P322. Unpublished study prepared by Product Safety Labs. 15 p. {OPPTS 870.1200} |

### 81-3       Acute inhalation toxicity in rats

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 44703317 | Shutoh, Y. (1996) CGA 293343 Tech.: Acute Inhalation Toxicity Study in Rats: Lab Project Number: IET 95-0120: 733-95. Unpublished study prepared by The Institute of Environmental Toxicology. 53 p. |
| 44703411 | Bennick, J. (1998) Acute Inhalation Toxicity Study in Rats: Final Report: CGA-293343-Combi 289 FS: Lab Project Number: 4153-98: 229-98. Unpublished study prepared by Stillmeadow, Inc. 25 p. |
| 44714935 | Bennick, J. (1998) Acute Inhalation Toxicity Study in Rats: CGA-293343 5FS: Final Report: Lab Project Number: 29-98: 4152-98. Unpublished study prepared by Stillmeadow, Inc. 25 p. |
| 44715005 | Bennick, J. (1998) Acute Inhalation Toxicity Study in Rats: CGA-293343 70WS: Final Report: Lab Project Number: 4242-98: 35-98. Unpublished study prepared by Stillmeadow, Inc. 26 p. |
| 44715012 | Bennick, J. (1998) Acute Inhalation Toxicity Study in Rats: CGA-293343 25WG-C: Final Report: Lab Project Number: 4234-98: 251-98. Unpublished study prepared by Stillmeadow, Inc. 20 p. |
| 44715019 | Bennick, J. (1998) Acute Inhalation Toxicity Study in Rats: CGA-293343 2SC: Final Report: Lab Project Number: 4219-98: 223-98. Unpublished study prepared by Stillmeadow, Inc. 25 p. |
| 44715124 | Gibbs, A. (1998) CGA 293343 Spot-On Formulation: Acute Inhalation (Nose Only) Toxicity Study in the Rat: Final Report: Lab Project Number: 98-0505: 1027-98: 1699/1. Unpublished study prepared by Covance Laboratories, Inc. 69 p. {OPPTS 870.1300} |
| 44949010 | Leeper, L. (1999) Acute Inhalation Toxicity Study in Rats: CGA-293343 .22GR: Final Report: Lab Project Number: 5104-99: 869-99. Unpublished study prepared by Stillmeadow, Inc. 19 p. {OPPTS 870.1300} |
| 45093719 | Wnorowski, G. (1999) Acute Inhalation Toxicity Study in Rats-Limit Test: CGA-173506/CGA-293343 1.7 DS: Final Report: Lab Project Number: PSL 7913: 1011-99. Unpublished study prepared by Product Safety Labs. 23 p. {OPPTS 870.1300} |
| 45271805 | Merkel, D. (2000) Acute Inhalation Toxicity Study in Rats Limit Test: CGA-293343 40WG-C: Final Report: Lab Project Number: 9186: 844-00: P332NOV. Unpublished study prepared by Product Safety Labs. 22 p. {OPPTS 870.1300} |
| 45271811 | Leeper, L. (1999) Acute Inhalation Toxicity Study in Rats: CGA-293343 Combi Lite: Final Report: Lab Project Number: 5297-99: 1058-99. Unpublished study prepared by Stillmeadow, Inc. 20 p. {OPPTS 870.1300} |
| 45271818 | Merkel, D. (2000) Acute Inhalation Toxicity Study in Rats-Limit Test: CGA-293343/CGA-329351 1.22SL-B: Final Report: Lab Project Number: 8951: 713-00: P330. Unpublished study prepared by Product Safety Labs. 23 p. {OPPTS 870.1300} |
| 45758904 | Moore, G. (2001) Acute Inhalation Toxicity Study in Rats--Limit Test: LAg2000 493: Lab Project Number: 11127: AGR 396: P330. Unpublished study prepared by Product Safety Labs. 22 p. {OPPTS 870.1300} |
| 45759005 | Moore, G. (2001) Acute Inhalation Toxicity Study in Rats--Limit Test: LAg2001 135: Lab Project Number: 11133: AGR 396: P330. Unpublished study prepared by Product Safety Labs. 22 p. {OPPTS 870.1300} |

### 81-4       Primary eye irritation in rabbits

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 44703318 | Shibata, R. (1996) A Primary Eye Irritation Study of CGA 293343 Tech. in Rabbits: Lab Project Number: B-3123: 727-95: 942114. Unpublished study prepared by Bozo Research Center, Inc. 27 p. |
| 44703412 | Glaza, S. (1998) Primary Eye Irritation Study of CGA-293343 Combi 289 FS in Rabbits: Final Report: Lab Project Number: 80202188: 230-98. Unpublished study prepared by Covance Laboratories Inc. 25 p. |
| 44714936 | Glaza, S. (1998) Primary Eye Irritation Study of CGA-293343 5FS in Rabbits: Final Report: Lab Project Number: 80203071: 28-98. Unpublished study prepared by Covance Laboratories, Inc. 25 p. |
| 44715006 | Glaza, S. (1998) Primary Eye Irritation Study of CGA-293343 70WS in Rabbits: Final Report: Lab Project Number: 80400260: 34-98. Unpublished study prepared by Covance Laboratories Inc. 25 p. |
| 44715013 | Glaza, S. (1998) Primary Eye Irritation Study of CGA-293343 25WG-C in Rabbits: Final Report: Lab Project Number: 80203945: 253-98. Unpublished study prepared by Covance Laboratories Inc. 27 p. |
| 44715020 | Glaza, S. (1998) Primary Eye Irritation Study of CGA-293343 2SC in Rabbits: Final Report: Lab Project Number: 80203047: 224-98. Unpublished study prepared by Covance Laboratories Inc. 25 p. |
| 44715125 | Glaza, S. (1998) Primary Eye Irritation Study of CGA 293343 Spot-On Formulation in Rabbits: Final Report: Lab Project Number: 98-0502: 1025-98: COVANCE 80705275. Unpublished study prepared by Covance Laboratories, Inc. 45 p. {OPPTS 870.2400} |
| 44886606 | Douds, D. (1999) A Primary Eye Irritation Study Author (sic) in Rabbits with CGA-293343 Topical Formulation (PC-29G): Lab Project Number: 3488.18: 1021-99: NAH 98-0555. Unpublished study prepared by Springborn Laboratories, Inc (SLI). 50 p. {OPPTS 870.2400} |
| 44949011 | Kuhn, J. (1999) Acute Eye Irritation Study in Rabbits: CGA-293343 .22GR: Final Report: Lab Project Number: 5091-99: 861-99. Unpublished study prepared by Stillmeadow, Inc. 16 p. {OPPTS 870.2400} |
| 44949012 | Kuhn, J. (1999) Acute Eye Irritation Study in Rabbits: CGA-293343 .33GR: Final Report: Lab Project Number: 5229-99: 1003-99. Unpublished study prepared by Stillmeadow, Inc. 16 p. {OPPTS 870.2400} |
| 45093720 | Glaza, S. (1999) Primary Eye Irritation/Corrosion Study of CGA-173506/CGA-293343 1.7 DS in Rabbits: Final Report: Lab Project Number: 90700736: 1008-99. Unpublished study prepared by Covance Labs., Inc. 28 p. {OPPTS 870.2400} |
| 45271819 | Merkel, D. (2000) Primary Eye Irritation Study in Rabbits: CGA-293343/CGA-329351 1.22SL-B: Final Report: Lab Project Number: 8830: 610-00: P324. Unpublished study prepared by Product Safety Labs. 22 p. {OPPTS 870.2400} |
| 45304002 | Glaza, S. (2000) Primary Eye Irritation/Corrosion Study of CGA-293343 40WG-C in Rabbits: Final Report: Lab Project Number: 00500033: 772-00. Unpublished study prepared by Covance Laboratories Inc. 30 p. {OPPTS 870.2400} |
| 45304006 | Glaza, S. (1999) Primary Eye Irritation/Corrosion Study of CGA-293343 Combi Lite in Rabbits: Final Report: Lab Project Number: 90704651: 1059-99. Unpublished study prepared by Covance Laboratories Inc. 27 p. {OPPTS 870.2400} |
| 45304009 | Glaza, S. (1999) Primary Eye Irritation/Corrosion Study of CGA-293343 0.22GR-D in Rabbits: Final Report: Lab Project Number: 00301719: 685-00. Unpublished study prepared by Covance Laboratories Inc. 29 p. {OPPTS 870.2400} |
| 45304010 | Glaza, S. (2000) Primary Eye Irritation/Corrosion Study of CGA-293343 0.33GR-C in Rabbits: Final Report: Lab Project Number: 00301721: 687-00. Unpublished study prepared by Covance Laboratories Inc. 28 p. {OPPTS 870.2400} |
| 45758905 | Moore, G. (2001) Primary Eye Irritation Study in Rabbits: LAg2000 493: Lab Project Number: 11128: AGR397: P324. Unpublished study prepared by Product Safety Labs. 17 p. {OPPTS 870.2400} |
| 45759006 | Moore, G. (2001) Primary Eye Irritation Study in Rabbits: LAg2001 135: Lab Project Number: 11134: AGR 397: P324. Unpublished study prepared by Product Safety Labs. 17 p. {OPPTS 870.2400} |

### 81-5       Primary dermal irritation

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 44703319 | Shibata, R. (1996) A Primary Skin Irritation Study of CGA 293343 Tech. in Rabbits: Lab Project Number: B-3124: 728-95: 942113. Unpublished study prepared by Bozo Research Center, Inc. 22 p. |
| 44703413 | Glaza, S. (1998) Primary Dermal Irritation Study of CGA-293343 Combi 289 FS in Rabbits: Final Report: Lab Project Number: 80202187: 231-98. Unpublished study prepared by Covance Laboratories Inc. 19 p. |
| 44714937 | Glaza, S. (1998) Primary Dermal Irritation Study of CGA-293343 5FS in Rabbits: Final Report: Lab Project Number: 80203070: 31-98. Unpublished study prepared by Covance Laboratories, Inc. 19 p. |
| 44715007 | Glaza, S. (1998) Primary Dermal Irritation Study of CGA-293343 70WS in Rabbits: Final Report: Lab Project Number: 80400259: 37-98. Unpublished study prepared by Covance Laboratories Inc. 19 p. |
| 44715014 | Glaza, S. (1998) Primary Dermal Irritation Study of CGA-293343 25WG-C in Rabbits: Final Report: Lab Project Number: 80203944: 252-98. Unpublished study prepared by Covance Laboratories Inc. 19 p. |
| 44715021 | Glaza, S. (1998) Primary Dermal Irritation Study of CGA-293343 2SC in Rabbits: Final Report: Lab Project Number: 80304224: 225-98. Unpublished study prepared by Covance Laboratories Inc. 19 p. |
| 44715126 | Glaza, S. (1998) Primary Dermal Irritation Study of CGA 293343 Spot-On Formulation in Rabbits: Final Report: Lab Project Number: 98-0503: 997-98: COVANCE 80705274. Unpublished study prepared by Covance Laboratories, Inc. 40 p. {OPPTS 870.2500} |
| 44886607 | Douds, D. (1999) A Primary Skin Irritation Study in Rabbits with CGA-293343 Topical Formulation (PC-29G): Lab Project Number: 3488.32: 1024-99: NAH-99-0021. Unpublished study prepared by Springborn Laboratories, Inc (SLI). 49 p. {OPPTS 870.2500} |
| 44949013 | Kuhn, J. (1999) Acute Dermal Irritation Study in Rabbits: CGA-293343 .22GR: Final Report: Lab Project Number: 5092-99: 862-99. Unpublished study prepared by Stillmeadow, Inc. 12 p. {OPPTS 870.2500} |
| 44949014 | Kuhn, J. (1999) Acute Dermal Irritation Study in Rabbits: CGA-293343 .33GR: Final Report: Lab Project Number: 5230-99: 1004-99. Unpublished study prepared by Stillmeadow, Inc. 12 p. {OPPTS 870.2500} |
| 45093721 | Glaza, S. (1999) Primary Dermal Irritation/Corrosion Study of CGA-173506/CGA-293343 1.7 DS in Rabbits: Final Report: Lab Project Number: 90700735: 1009-99. Unpublished study prepared by Covance Labs., Inc. 18 p. {OPPTS 870.2500} |
| 45271820 | Merkel, D. (2000) Primary Skin Irritation Study in Rabbits: CGA-293343/CGA-329351 1.22SL-B: Final Report: Lab Project Number: 8952: 714-00: P326. Unpublished study prepared by Product Safety Labs. 15 p. {OPPTS 870.2500} |
| 45304003 | Glaza, S. (2000) Primary Dermal Irritation/Corrosion Study of CGA-293343 40WG-C in Rabbits: Final Report: Lab Project Number: 00500032: 773-00. Unpublished study prepared by Covance Laboratories Inc. 18 p. {OPPTS 870.2500} |
| 45304007 | Glaza, S. (1999) Primary Dermal Irritation/Corrosion Study of CGA-293343 Combi Lite in Rabbits: Final Report: Lab Project Number: 90704650: 1060-99. Unpublished study prepared by Covance Laboratories Inc. 18 p. {OPPTS 870.2500} |
| 45304011 | Glaza, S. (2000) Primary Dermal Irritation/Corrosion Study of CGA-293343 0.22GR-D in Rabbits: Final Report: Lab Project Number: 00301718: 686-00. Unpublished study prepared by Covance Laboratories Inc. 18 p. {OPPTS 870.2500} |
| 45304012 | Glaza, S. (2000) Primary Dermal Irritation/Corrosion Study of CGA-293343 0.33GR-C in Rabbits: Final Report: Lab Project Number: 00301720: 688-00. Unpublished study prepared by Covance Laboratories Inc. 18 p. {OPPTS 870.2500} |
| 45758906 | Moore, G. (2001) Primary Skin Irritation Study in Rabbits: LAg2000 493: Lab Project Number: 11129: AGR 398: P326. Unpublished study prepared by Product Safety Labs. 15 p. {OPPTS 870.2500} |
| 45759007 | Moore, G. (2001) Primary Skin Irritation Study in Rabbits: LAg2001 135: Lab Project Number: 11135: AGR 398: P326. Unpublished study prepared by Product Safety Labs. 15 p. {OPPTS 870.2500} |
| 47915421 | Cantoreggi, S. (1998) Acute Dermal Irritation/Corrosion in the Rabbit: CGA 293343 WG 10, (A-11234 A): Final Report. Project Number: 982804. Unpublished study prepared by Novartis Animal Health US, Inc. 21 p. |

### 81-6       Dermal sensitization

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 44703414 | Glaza, S. (1998) Dermal Sensitization Study of CGA-293343 Combi 289 FS in Guinea Pigs--Closed Patch Technique: Final Report: Lab Project Number: 80202189: 232-98. Unpublished study prepared by Covance Laboratories Inc. 60 p. |
| 44710401 | Winkler, G. (1995) Skin Sensitisation in the Guinea Pig Maximisation Test: CGA-293343 Tech.: Lab Project Number: 942115: 804-95. Unpublished study prepared by Novartis Crop Protection, AG. 33 p. |
| 44715001 | Glaza, S. (1998) Dermal Sensitization Study of CGA-293343 5FS in Guinea Pigs--Closed Patch Technique: Final Report: Lab Project Number: 80203072: 32-98: 80100453. Unpublished study prepared by Covance Laboratories Inc. 60 p. |
| 44715008 | Glaza, S. (1998) Dermal Sensitization Study of CGA-293343 70WS in Guinea Pigs--Closed Patch Technique: Final Report: Lab Project Number: 80400261: 38-98: 80100453. Unpublished study prepared by Covance Laboratories Inc. 61 p. |
| 44715015 | Glaza, S. (1998) Dermal Sensitization Study of CGA-293343 25WG-C in Guinea Pigs--Closed Patch Technique: Final Report: Lab Project Number: 80203946: 254-98: 80100453. Unpublished study prepared by Covance Laboratories Inc. 61 p. |
| 44715022 | Glaza, S. (1998) Dermal Sensitization Study of CGA-293343 2SC in Guinea Pigs--Closed Patch Technique: Final Report: Lab Project Number: 80304225: 266-98: 80100453. Unpublished study prepared by Covance Laboratories Inc. 61 p. |
| 44715127 | Glaza, S. (1998) Dermal Sensitization Study of CGA 293343 Spot-On Formulation in Guinea Pigs--Maximization Test: Final Report: Lab Project Number: 98-0504: 1026-98: COVANCE 80705276. Unpublished study prepared by Covance Laboratories, Inc. 77 p. {OPPTS 870.2600} |
| 44886608 | Douds, D. (1999) A Dermal Sensitization Study in Guinea Pigs with CGA-293343 Topical Formulation (PC-29G): Modified Buehler Design: Lab Project Number: 3488.33: 1025-99: NAH-99-0022. Unpublished study prepared by Springborn Laboratories, Inc (SLI). 77 p. {OPPTS 870.2600} |
| 44949015 | Kuhn, J. (1999) Acute Dermal Sensitization Study in Guinea Pigs: CGA-293343 .22GR: Final Report: Lab Project Number: 5093-99: 863-99. Unpublished study prepared by Stillmeadow, Inc. 31 p. {OPPTS 860.2600} |
| 45093722 | Glaza, S. (1999) Dermal Sensitization Study of CGA-173506/CGA-293343 1.7 DS in Guinea Pigs-Closed Patch Technique: Final Report: Lab Project Number: 90700737: 1010-99. Unpublished study prepared by Covance Labs., Inc. 43 p. {OPPTS 870.2600} |
| 45271806 | Glaza, S. (2000) Dermal Sensitization Study of CGA-293343 40 WG-C in Guinea Pigs Closed Patch Technique: Final Report: Lab Project Number: 00500034: 774-00. Unpublished study prepared by Covance Laboratories Inc. 45 p. {OPPTS 870.2600} |
| 45271821 | Merkel, D. (2000) Dermal Sensitization Study in Guinea Pigs (Buehler Method): CGA-293343/CGA-329351 1.22SL-B: Final Report: Lab Project Number: 8953: 715-00: P328. Unpublished study prepared by Product Safety Labs. 24 p. {OPPTS 870.2600} |
| 45304008 | Glaza, S. (1999) Dermal Sensitization Study of CGA-293343 Combi Lite in Guinea Pigs-Closed Patch Technique: Final Report: Lab Project Number: 90704652: 1061-99. Unpublished study prepared by Covance Laboratories Inc. 43 p. {OPPTS 870.2600} |
| 45758907 | Moore, G. (2001) Dermal Sensitization Study in Guinea Pigs (Buehler Method): LAg2000 493: Lab Project Number: 11130: AGR 399: P328. Unpublished study prepared by Product Safety Labs. 24 p. {OPPTS 870.2600} |
| 45759008 | Moore, G. (2001) Dermal Sensitization Study in Guinea Pigs (Buehler Method): LAg2001 135: Lab Project Number: 11136: AGR 399: P328. Unpublished study prepared by Product Safety Labs. 24 p. {OPPTS 870.2600} |
| 47915422 | Cantoreggi, S. (1998) Skin Sensitization in the Guinea Pig (Buehler Test): CGA 293343 WG 10, (A-11234 A): Final Report. Project Number: 982806. Unpublished study prepared by Novartis Animal Health US, Inc. 31 p. |

### 81-8       Acute neurotoxicity screen study in rats

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 44703320 | Minnema, D. (1997) Acute Neurotoxicity Study of Orally Administered CGA-293343 Tech. in Rats: Lab Project Number: 6117-364: 507-986. Unpublished study prepared by Covance Laboratories Inc. 381 p. |
| 44925201 | Minnema, D. (1994) Neurotoxicity Study of Acrylamide (Positive Control) in Rats: Final Report: Lab Project Number: HWA 0001-692: 507-96. Unpublished study prepared by Hazleton Washington, Inc. 119 p. |

### 82-1       Subchronic Oral Toxicity: 90-Day Study

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 44703322 | Bachmann, M. (1995) 28-Days Range Finding Study in Rats (Administration in Food): CGA-293343 Tech.: Lab Project Number: 942088: 470-94: 381723. Unpublished study prepared by Novartis Crop Protection, Inc. 284 p. |
| 44703323 | Bachmann, M. (1996) 3-Month Range Finding Toxicity Study in Mice (Administration in Food): CGA-293343 Tech.: Lab Project Number: 942105: 704-95: 391770. Unpublished study prepared by Novartis Crop Protection, Inc. 323 p. |
| 44703324 | Altmann, B. (1996) 28-Day Range Finding Toxicity Study in Beagle Dogs: CGA-293343 Tech.: Lab Project Number: 942106: 473-94: 394672. Unpublished study prepared by Novartis Crop Protection, Inc. 290 p. |
| 44718701 | Bachmann, M. (1994) 28-Day Exploratory Toxicity Study in Male Rats (Gavage): CGA-293343 Tech: Lab Project Number: 932107: 638-93. Unpublished study prepared by Novartis Crop Protection, Inc. 27 p. |
| 44718702 | Altmann, B. (1998) 3-Month Subchronic Dietary Toxicity Study in Beagle Dogs: CGA 293343 Tech: Lab Project Number: 942107: 705-95. Unpublished study prepared by Novartis Crop Protection, Inc. 498 p. |
| 44718703 | Bachmann, M. (1996) 3-Month Oral Toxicity Study in Rats (Administration in Food): CGA 293343 Tech: Lab Project Number: 942089: 471-94. Unpublished study prepared by Novartis Crop Protection, Inc. 438 p. |
| 49346603 | Kling, A. (2013) Thiamethoxam - Assessment of Subchronic Effects to the Honey Bee, Apis mellifera L., in a 10-Day Laboratory Feeding Test: Final Report Amendment 1. Project Number: S12/02839, TK0120915. Unpublished study prepared by Eurofins - GAB GmbH. 61p. |

### 82-2       21-day dermal-rabbit/rat

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 44710402 | Gerspach, R. (1996) 28-Day Repeated Dose Dermal Toxicity Study in the Rat: CGA-293343 Tech.: Lab Project Number: 942116: 511-96. Unpublished study prepared by Novartis Crop Protection, AG. 292 p. |

### 82-7       Subchronic Neurotoxicity

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 44703325 | Minnema, D. (1998) 13-Week Dietary Subchronic Neurotoxicity Study with CGA-293343 Tech. in Rats: Lab Project Number: 6117-363: 772-97. Unpublished study prepared by Covance Laboratories, Inc. 492 p. |

### 83-1       Chronic Toxicity

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 44718704 | Altmann, B. (1998) 12-Month Chronic Dietary Toxicity Study in Beagle Dogs: CGA 293343 Tech: Lab Project Number: 942108: 512-96. Unpublished study prepared by Novartis Crop Protection, Inc. 665 p. |
| 44718708 | Bachmann, M. (1998) 24-Month Carginogenicity (sic) and Chronic Toxicity Study in Rats: CGA 293343 Technical: Lab Project Number: 942110: 711-95. Unpublished study prepared by Novartis Crop Protection, Inc. 2553 p. |

### 83-2       Oncogenicity

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 44703326 | Bachmann, M. (1998) 18-Month Oncogenicity Study in Mice: CGA-293343 Tech.: Lab Project Number: 942109: 710-95: P942109. Unpublished study prepared by Novartis Crop Protection AG. 1730 p. |
| 44718708 | Bachmann, M. (1998) 24-Month Carginogenicity (sic) and Chronic Toxicity Study in Rats: CGA 293343 Technical: Lab Project Number: 942110: 711-95. Unpublished study prepared by Novartis Crop Protection, Inc. 2553 p. |
| 44988301 | Weber, E.; Waechter, F.; Skripsky, T. et al. (1999) Liver Tumor Formation in Mice by Thiamethoxam (CGA-293343)-Implications for Human Risk Assessment: Final Report: Lab Project Number: 1199-99: 140-087. Unpublished study prepared by Novartis Crop Protection, Ag. 250 p. |

### 83-3       Teratogenicity -- 2 Species

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 44703327 | Winkler, G. (1995) CGA-293343 Technical: Rangefinding Rabbit Oral Teratogenicity: Lab Project Number: 942094: 514-94. Unpublished study prepared by Novartis Crop Protection, Inc. 25 p. |
| 44703328 | Winkler, G. (1995) Addendum 1 to Final Report: CGA-293343 Technical: Rangefinding Rabbit Oral Teratogenicity: Lab Project Number: 942094: 514-94. Unpublished study prepared by Novartis Crop Protection, Inc. 18 p. |
| 44703329 | Winkler, G. (1995) CGA-293343 Technical: Rangefinding Rat Oral Teratogenicity: Lab Project Number: 942117: 472-94. Unpublished study prepared by Novartis Crop Protection AG. 22 p. |
| 44703330 | Winkler, G. (1995) Addendum 1 to Final Report: CGA-293343 Technical: Rangefinding Rat Oral Teratogenicity: Lab Project Number: 942117: 472-94. Unpublished study prepared by Novartis Crop Protection AG. 18 p. |
| 44718705 | Winkler, G. (1998) CGA 293343 Technical: Rabbit Oral Teratogenicity: Lab Project Number: 942119: 708-95. Unpublished study prepared by Novartis Crop Protection, Inc. 275 p. |
| 44718706 | Winkler, G. (1998) CGA-293343 Technical: Rat Oral Teratogenicity: Lab Project Number: 942118: 707-95. Unpublished study prepared by Novartis Crop Protection, Inc. 462 p. |

### 83-4       2-generation repro.-rat

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 44703401 | Winkler, G. (1995) CGA-293343 Technical: Rangefinding Rat Dietary Reproduction Study (Thiamethoxam): Lab Project Number: 942120: 706-95. Unpublished study prepared by Novartis Crop Protection AG. 78 p. |
| 44703402 | Winkler, G. (1998) Addendum 1 to Final Report CGA-293343 Technical: Rangefinding Rat Dietary Reproduction Study: Lab Project Number: 942120: 706-95. Unpublished study prepared by Novartis Crop Protection AG. 19 p. |
| 44718707 | Doubovetzky, M. (1998) CGA 293343 Technical: Rat Dietary Two-Generation Reproduction Study (including Effects on Sperm Cell Parameters): Lab Project Number: 942121: 982015: 709-95. Unpublished study prepared by Novartis Crop Protection, Inc. 2543 p. |
| 44939803 | Doubovetzky, M. (1999) (14-carbon)-CGA-293343 Technical: Rat Dietary Two-Generation Reproduction Study (including Effects on Sperm Cell Parameters): Final Report Amendment: Lab Project Number: 942121: 982015: 709-95. Unpublished study prepared by Novartis Crop Protection. 252 p. {OPPTS 870.3800} |
| 46919402 | Peffer, R. (2006) Thiamethoxam - External Pathologists' Assessment and Supplemental Data Regarding Testis Pathology in Two Multigeneration Reproduction Studies. Project Number: T005308/06, RR0941, 942121. Unpublished study prepared by Syngenta Crop Protection, Inc. 34 p. |

### 83-6       Developmental Neurotoxicity

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46028201 | Brammer, A. (2003) Thiamethoxam: Preliminary Developmental Neurotoxicity Study in Rats: Thiamethoxam (CGA-293342): Final Report. Project Number: RR0935. Unpublished study prepared by Central Toxicology Lab. (Syngenta). 113 p. |

### 84-2       Interaction with Gonadal DNA

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 44703405 | Persohn, E. (1995) CGA 293343: Assessment of Replicative DNA Synthesis in the Course of a 28 Days Oral (Feeding) Toxicity Study in Male Rats: Lab Project Number: 94/47: 515/94. Unpublished study prepared by Novartis Crop Protection, AG. 16 p. |
| 44703406 | Weber, E. (1998) CGA 293343 Tech. Assessment of Hepatic Cell Proliferation in Mice: Lab Project Number: 98/12: 972-98. Unpublished study prepared by Novartis Crop Protection, AG. 70 p. |
| 44710403 | Zeugin, S. (1996) Cytogenetic Test on Chinese Hamster Cell in Vitro: CGA-293343: Lab Project Number: 952016: 509-96. Unpublished study prepared by Novartis Crop Protection, AG. 40 p. |
| 44710404 | Hertner, T. (1995) Salmonella and Escherichia/Mammalian -Microsome Mutagenicity Test: CGA-293343 Tech.: Lab Project Number: 952014: 800-95. Unpublished study prepared by Novartis Crop Protection, AG. 75 p. |
| 44710405 | Ogorek, B. (1996) Gene Mutation with Chinese Hamster Cells V79: CGA-293343 Tech.: Lab Project Number: 952015: 802-95. Unpublished study prepared by Novartis Crop Protection, AG. 53 p. |
| 44710406 | Hertner, T. (1995) Micronucleus Test, Mouse: CGA-293343 Tech.: Lab Project Number: 952018: 803-95. Unpublished study prepared by Novartis Crop Protection, AG. 43 p. |
| 44710407 | Ogorek, B. (1996) Autoradiographic DNA Repair Test on Rat Hepatocytes (OECD Conform) in vitro: CGA-293343 Tech.: Lab Project Number: 952017: 805-95. Unpublished study prepared by Novartis Crop Protection, AG. 89 p. |
| 44968301 | Deparade, E. (1999) Salmonella/Mammalian-Microsome Mutagenicity Test: CGA-293343 Technical: Final Report: Lab Project Number: 992020: 1170-99. Unpublished study prepared by Novartis Crop Protection AG. 66 p. {OPPTS 870.5100} |

### 85-1       General metabolism

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 44703532 | Mueller, T. (1996) Absorption, Distribution and Excretion of (Thiazol-2-(carbon-14)) and (Oxadiazin-4-(carbon-14)) CGA-293343 in the Rat: Lab Project Number: 11/96: 510-96. Unpublished study prepared by Novartis Crop Protection AG. 143 p. {OPPTS 870.7485} |
| 44703533 | Thanei, P. (1998) The Metabolism of (Thiazol-2-(carbon-14)) and (Oxadiazin-4-(carbon-14)) CGA-293343 in the Rat: Lab Project Number: 027AM02: 975-98: 4.5.9. Unpublished study prepared by Novartis Crop Protection AG. 267 p. |
| 44710408 | Mewes, K. (1998) The Metabolism of (Thiazol-2-(carbon 14)) CGA-293343 after Multiple Oral Administration to Mice: Lab Project Number: 027AM09: 993-98. Unpublished study prepared by Novartis Crop Protection, AG. 65 p. |

### 85-3       Dermal Penetration/Absorption

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 44703403 | Hassler, S. (1998) Dermal Adsorption of (Oxadiazin-4-14C) CGA 293343 Formulated as WG 25 (A-9584C) in the Rat: Lab Project Number: 027AM07: 970-98. Unpublished study prepared by Novartis Crop Protection AG. 60 p. |
| 44703408 | Mewes, K. (1998) The in vitro Percutaneous Absorption of (Oxadiazin-4-(carbon 14)) CGA 293343 Formulated as WG 25 (A-9584 C) through Rat and Human Epidermis: Lab Project Number: 027AM08: 969-98. Unpublished study prepared by Novartis Crop Protection, AG. 59 p. |
| 44808901 | Hassler, S. (1998) Dermal Absorption of (Oxadiazin-4-(carbon-14)) CGA 293343 Formulated as WG 25 (A-9584C) in the Rat: Final Report: Lab Project Number: 027AM07: 970-98. Unpublished study prepared by Novartis Crop Protection AG. 64 p. |
| 44999202 | Johnson, B. (1999) A 28-Day Dermal Distribution Study of Thiamethoxam Topical on Adult Cats: Final Report: Lab Project Number: 9663.11: 1181-99: BAGC-3490. Unpublished study prepared by Southern Research Institute. 119 p. |
| 45200001 | Itterly, W. (2000) Dermal Absorption of (Oxadiazinyl-4-(carbon-14)) CGA-293343 Formulated as Helix 289 FS (A11642A) and 5FS (A9765C) in the Rat: Final Report: Lab Project Number: WIL-82065: 625-00. Unpublished study prepared by WIL Research Laboratories, Inc. 355 p. {OPPTS 870.7600} |

### 86-1       Domestic animal safety

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 44715128 | Connelly, C. (1998) 6-Week Dermal Target Animal Safety Study with CGA 293343 Spot-On in Puppies: Final Report: Lab Project Number: 98-0506: 1028-98: NAH 98-0506. Unpublished study prepared by Covance Laboratories, Inc. 469 p. {870.7200} |
| 44715129 | Connelly, C. (1998) 6-Week Dermal Target Animal Safety Study with CGA-293343 Spot-On in Adult Dogs: Final Report: Lab Project Number: 98-0508: 1029-98: 6975-102. Unpublished study prepared by Covance Laboratories, Inc. 587 p. {OPPTS 870.7200} |
| 44727507 | Grossi, I. (1998) Fourteen Day Observational Study with CGA-293343 Spot-On Formulation in Seven Week Old Puppies: Lab Project Number: 98.0446.056: 991-98. Unpublished study prepared by Liberty Research. 16 p. {OPPTS 870.7200} |
| 44999203 | Kopplin, J.; Fulton, R. (1999) A 28-Day Dermal Target Animal Safety Study of Thiamethoxam Topical on Kittens: Final Report: Lab Project Number: 9663.7: 1183-99: 9663.7A. Unpublished study prepared by Southern Research Institute. 486 p. {OPPTS 870.7200} |
| 44999204 | Kopplin, J.; Fulton, R. (1999) A 28-Day Dermal Target Animal Safety Study of Thiamethoxam Topical on Adult Cats: Final Report: Lab Project Number: 1182-99: 9663.6: 9663.6A. Unpublished study prepared by Southern Research Institute. 415 p. |

### 95-4       Efficacy evaluation

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 47934901 | Zajac, M.; Long, C. (2009) Data Supporting A17570B and A17571B Efficacy and Rainfastness: Thiamethoxam: Final Report. Project Number: T008653/08, ITH861AC/2009US, USVT0402009. Unpublished study prepared by Syngenta Crop Protection, Inc. 7 p. |

### 123-2       Aquatic plant growth

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 44714925 | Grade, R. (1998) Acute Toxicity Test of CGA-293343 Technical to the Duckweed Lemna gibba G3 Under Semi-Static Conditions: Lab Project Number: 972561: 397-97. Unpublished study prepared by Novartis Crop Protection. 49 p. |
| 44714926 | Grade, R. (1998) Growth Inhibition Test of CGA-293343 Technical to Green Algae (Selenastrum capricornutum) Under Static Conditions: Lab Project Number: 972549: 773-97. Unpublished study prepared by Novartis Crop Protection. 48 p. |

### 132-1       Dissipation of Dislodgeable Foliar & Soil Residues

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 44715131 | Hughes, D.; Vaughn, C. (1998) Validation of a Method for Determination of CGA-293343 on Dog Hair: Final Report: Lab Project Number: 6975-108: 995-98: 98-0513. Unpublished study prepared by Covance Laboratories Inc. 60 p. {OPPTS 875.2400} |
| 44715133 | Connelly, C. (1998) 14-Day Distribution Study of CGA-293343 Spot-On in Dogs: Final Report: Lab Project Number: 98-0509: 1031-98: 6975-103. Unpublished study prepared by Covance Laboratories Inc. 136 p. |
| 44999201 | Johnson, B. (1999) Validation of Analytical Method for Quantitation of Thiamethoxam (CGA 293343) Residues on Cat Hair by Flow Injection Mass Spectrometry/Mass Spectrometry: Final Report: Lab Project Number: 9663.18: 1180-99: NAH-99-0052. Unpublished study prepared by Southern Research Institute. 66 p. |
| 46039901 | Rosenheck, L.; Dixon, M. (2001) Determination of Dislodgeable Foliar Residues on Greenhouse Ornamentals Following a Foliar Spray with Thiamethoxam (CGA-293343): Pilot Study: Thiamethoxam: Final Report. Project Number: 990076, 1203/00. Unpublished study prepared by Central California Research Laboratories. 165 p. |
| 46402915 | Rosenheck, L; Itterly, W. (2004) Determination of Transferable Turf Residues On Turf Treated With The Gransular and Water-Dispersible Granule Formulations of Thiamethoxam (CGA-293343). Project Number: 990079, 1201/00, 1201/00/A. Unpublished study prepared by Central California Research Laboratories, Florida Pesticide Research and Ashgrow Crop Management Systems, Inc. 372 p. |

### 133-3       Dermal passive dosimetry expo

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 44715130 | Hughes, D.; Vaughn, C. (1998) Validation of a Method for Determination of CGA-293343 on Cotton Gloves: Final Report: Lab Project Number: 6975-107: 994-98: 98-0514. Unpublished study prepared by Covance Laboratories Inc. 63 p. {OPPTS 875.2400} |
| 45200002 | Purdy, J.; Houghton, D. (2000) Commercial Seed Treatment Plant Worker Exposure Study with Helix 289FS Seed Treatment on Canola: Final Report: Lab Project Number: CER 03220/99: 1145-00. Unpublished study prepared by Novartis Crop Protection Canada Inc. 213 p. {OPPTS 875.1000, 875.1100, 875.1300} |
| 45243001 | Rosenheck, L. (2000) Revised Thiamethoxam (CGA-293343) Occupational and Nonoccupational Exposure and Risk Assessment Using New Dermal Absorption Data and Helix Seed Treatment Exposure Data: Final Report: Lab Project Number: 1207-99. Unpublished study prepared by Novartis Crop Protection, Inc. 92 p. |

### 133-4       Inhal. passive dosimetry expo

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45200002 | Purdy, J.; Houghton, D. (2000) Commercial Seed Treatment Plant Worker Exposure Study with Helix 289FS Seed Treatment on Canola: Final Report: Lab Project Number: CER 03220/99: 1145-00. Unpublished study prepared by Novartis Crop Protection Canada Inc. 213 p. {OPPTS 875.1000, 875.1100, 875.1300} |
| 45243001 | Rosenheck, L. (2000) Revised Thiamethoxam (CGA-293343) Occupational and Nonoccupational Exposure and Risk Assessment Using New Dermal Absorption Data and Helix Seed Treatment Exposure Data: Final Report: Lab Project Number: 1207-99. Unpublished study prepared by Novartis Crop Protection, Inc. 92 p. |

### 141-1       Honey bee acute contact

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 44714927 | Kleiner, R. (1995) Testing Toxicity to Honeybee--Apis mellifera L. with CGA-293343: Lab Project Number: 95 10 48 045: 742-95. Unpublished study prepared by BioChem GmbH Karlsruhe. 23 p. |

### 141-2       Honey bee residue on foliage

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 44727501 | Palmer, S.; Krueger, H. (1998) CGA-293343: A Foliage Residue Toxicity Study with the Honey Bee: Lab Project Number: 108-386A: 365-96: ASGSR-97-028. Unpublished study prepared by Wildlife International Ltd. 51 p. |

### 141-5       Field test for pollinators

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 44714929 | Mayer, D. (1998) Honey Bee Field Investigation of Mitigation Methods for CGA-293343 25WG (A-9584-C) Use in Apple Orchards: Lab Project Number: 98-001: 337-98. Unpublished study prepared by Washington State University. 47 p. {OPPTS 850.3040} |
| 46163103 | Wall, S. (2003) Evaluation of the Use of Cruiser (Thiamethoxam CGA 293343) Seed Treatment Use on Sunflower to Honey Bees. Project Number: T008870/03. Unpublished study prepared by Syngenta Crop Protection, Inc. 52 p. |

### 151-26       Physical and Chemical Properties

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 48432533 | Born, R. (2011) A16901B: Cyantraniliprole + Thiamethoxam 200 + 200 g/kg- WG: Document MIII Section 1: Identity, Physical and Chemical Properties, Further Information and Proposed Classification. Project Number: A16901B/10046. Unpublished study prepared by Syngenta Crop Protection, LLC. 41 p. |

### 154-28       Aquatic Embryo/Larvae and Life Cycle Studies

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 49950118 | Eckert, J. (2014) Thiamethoxam: Chronic Larval Toxicity Test on the Honey bee (Apis mellifera L.) in the Laboratory: Final Report Amendment 1. Project Number: S13/03107, TK0182808. Unpublished study preapred by Eurofins AgroScience Services EcoChem GmbH. 27p. |

### 161-1       Hydrolysis

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 44703416 | Clark, A. (1998) Final Report: Hydrolysis of 2-(carbon 14)-Thiazolyl-CGA-293343 Under Laboratory Conditions: Lab Project Number: ABR-96106: 214-95. Unpublished study prepared by Novartis Crop Protection, Inc. 238 p. |
| 44703417 | Lowery, E. (1997) Hydrolysis of (carbon 14)-Guanidine-CGA-293343 Under Laboratory Conditions: Lab Project Number: ABR-97013: 339-96. Unpublished study prepared by Novartis Crop Protection, Inc. 172 p. |

### 161-2       Photodegradation-water

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 44715024 | Sparrow, K. (1997) Final Report: Photodegradation of (carbon-14)-(Guanidine)-CGA-293343 in pH 5 Buffered Solution Under Artificial Light: Lab Project Number: ABR-97023: 509-95. Unpublished study prepared by Novartis Crop Protection, Inc. 159 p. |
| 44715025 | Schwartz, B. (1998) Final Report: Photodegradation of (carbon-14)-(Thiazolyl)-CGA-293343 in pH 5 Buffered Solution Under Artificial Light: Lab Project Number: ABR-98091: 87-96. Unpublished study prepared by Novartis Crop Protection, Inc. 182 p. |
| 44715026 | Parker, S.; Leahey, J. (1998) Development of a method to investigate the photodegradation of pesticides. P. 663-668 of the Brighton Crop Protection Conference: Pests and Diseases- 1988. |

### 161-3       Photodegradation-soil

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 44715027 | Sparrow, K. (1997) Photodegradation of (carbon-14)-(Thiazolyl)-CGA-293343 on Soil Under Artificial Light: Lab Project Number: ABR-97011: 372-96. Unpublished study prepared by Novartis Crop Protection, Inc. 150 p. |
| 44715028 | Sparrow, K. (1997) Photodegradation of (carbon-14)-(Guanidine)-CGA-293343 on Soil Under Artificial Light: Lab Project Number: ABR-97012: 336-96. Unpublished study prepared by Novartis Crop Protection, Inc. 152 p. |

### 162-1       Aerobic soil metabolism

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 44703418 | Cruz, S. (1998) Metabolism of (carbon 14)-Guanidine-CGA-293343 in Viable and Sterile Clay Loam Soil Under Aerobic Conditions: Lab Project Number: ABR-98046: 148-97. Unpublished study prepared by Novartis Crop Protection, Inc. 196 p. |
| 44703419 | Schwartz, B. (1998) Final Report: Aerobic Soil Metabolism of ((carbon 14)-(Guanidine)) CGA-293343: Lab Project Number: ABR-96084: 504-95: 572W. Unpublished study prepared by Novartis Crop Protection, Inc., PTRL West, Inc. and Agvise Laboratories, Inc. 467 p. |
| 44703501 | Dixon, B. (1998) Aerobic Soil Metabolism of ((carbon-14)-thiazole) CGA-293343: Lab Project Number: ABR-96059: 505-95: 573W. Unpublished study prepared by Novartis Crop Protection, Inc. 453 p. |

### 162-3       Anaerobic aquatic metab.

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 44715029 | Clark, A. (1998) Anaerobic Aquatic Metabolism of ((carbon-14)-(Guanidine))-CGA-293343: Lab Project Number: ABR-96098: 506-95: 574W. Unpublished study prepared by Novartis Crop Protection, Inc. 340 p. |
| 44715030 | Clark, A. (1998) Anaerobic Aquatic Metabolism of ((carbon-14)-(Thiazole))-CGA-293343: Lab Project Number: ABR-96099: 507-95: 575W. Unpublished study prepared by Novartis Crop Protection, Inc. 342 p. |
| 44715031 | Concha, M. (1998) Anaerobic Aquatic Metabolism of ((carbon-14)-Guanidine)-CGA-293343 at Low Temperature: Lab Project Number: 673W: 97-1670: P673W. Unpublished study prepared by PTRL West, Inc. 399 p. |

### 162-4       Aerobic aquatic metab.

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 44715032 | Concha, M. (1998) Aerobic Aquatic Metabolism of ((carbon-14)-Guanidine)-CGA-293343 and ((carbon-14)-Thiazole)-CGA-293343: Lab Project Number: 679W: 97-1840: 97-0051. Unpublished study prepared by PTRL West, Inc. 781 p. |

### 163-1       Leach/adsorp/desorption

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 44703502 | Concha, M. (1998) Soil Adsorption/Desorption of ((carbon-14)-guanidine) CGA-293343 by the Batch Equilibrium Method: Lab Project Number: 612W: 1401: 97-636. Unpublished study prepared by PTRL West, Inc. 292 p. |
| 44703503 | Shelper, K. (1998) Aged Leaching of ((carbon-14)-guanidine) CGA-293343 in Representative Agricultural Soils: Lab Project Number: 627W: 96-3799: 96-3801. Unpublished study prepared by PTRL West, Inc. 430 p. |
| 44715033 | Scott, M. (1998) Soil Adsorption and Desorption of Oxadiazinyl-(carbon-14)-CGA-353042 by the Batch Equilibrium Method: Final Report: Lab Project Number: 629-98. Unpublished study prepared by Novartis Crop Protection, Inc. 271 p. |
| 44715034 | Peters, J. (1998) Soil Adsorption and Desorption of Thiazolyl-2-(carbon-14)-NOA-407475 by the Batch Equilibrium Method: Lab Project Number: 420-98: 98-1918. Unpublished study prepared by Novartis Crop Protection, Inc. 287 p. |
| 44715036 | Concha, M. (1998) Soil Adsorption/Desorption of ((carbon-14)-thiazole)CGA-322704, by the Batch Equilibrium Method: Lab Project Number: 635W: 98-1918: P635W. Unpublished study prepared by PTRL West, Inc. 289 p. |
| 44715037 | Concha, M.; Hathcock, T. (1998) Soil Adsorption/Desorption of ((carbon-14)CGA-355190, by the Batch Equilibrium Method: Lab Project Number: 691W: 98-1918: P691W. Unpublished study prepared by PTRL West, Inc. 276 p. |
| 44715038 | Concha, M.; Hathcock, T. (1998) Soil Adsorption/Desorption of (Thiazole-2-(carbon-14))NOA-404617 by the Batch Equilibrium Method: Lab Project Number: 717W: 98-1918: P717W. Unpublished study prepared by PTRL West, Inc. 275 p. |
| 45084901 | Peters, J. (2000) Time Dependent Sorption of Technical and of 2SC Formulated (Thiazolyl-2-(carbon-14))-Labeled CGA-293343 in Two Different Soils: Final Report: Lab Project Number: 1200-99. Unpublished study prepared by Novartis Crop Protection. 213 p. |
| 45640401 | Peters, J. (2001) Time Dependent Sorption of (Thiazolyl-2-(Carbon 14)-Labeled CGA-293343 in Various Soils: Final Report: Lab Project Number: 200-00. Unpublished study prepared by Syngenta Crop Protection, Inc. 268 p. |
| 45640404 | Snyder, N.; Williams, W.; Cheplick, J. (2002) Modeling of Thiamethoxam Leaching Vulnerability for Crop and Turf Use Areas in the United States: Final Report: Lab Project Number: WEI 242.57: 1516-01. Unpublished study prepared by Waterborne Environmental, Inc. 46 p. |

### 164-1       Terrestrial field dissipation

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 44703504 | Chamkasem, N. (1998) Analytical Method for the Determination of CGA-293343 and its Degradates CGA-322704, CGA-355190, CGA-353042, NOA-407475 in Soil by High Performance Liquid Chromatography with Mass Spectrometric Detection Including Validation Data: Lab Project Number: 9-96: AG-679A. Unpublished study prepared by Novartis Crop Protection, Inc. 118 p. |
| 44703505 | Purdy, J. (1998) Four Soil Dissipation Trials to Determine Persistence and Leaching Movement of CGA-293343, CGA-169374, CGA-329351, and their Significant Soil Metabolites After Application of Helix as a Seed Treatment on Canola: Lab Project Number: 1005-98: CER 03207/97: 98NOV34.REP. Unpublished study prepared by Novartis Crop Protection, Inc. 209 p. |
| 44727505 | Wiepke, T.; Gouker, E.; Cassidy, P. (1998) Final Report: Terrestrial Field Dissipation of CGA-293343 on a Leafy Vegetable in the San Joaquin Valley of California: Lab Project Number: 176-97: 97650: 7489-98-0040-CR-001. Unpublished study prepared by ABC Laboratories California, and Ricerca, Inc. 609 p. |
| 44727506 | Wiepke, T.; Jacobson, B.; Chamkasem, N. et al. (1998) Final Report: Dissipation of CGA-293343 in Soil Under Vegetable Production Conditions in Florida: Lab Project Number: 177-97: 242.32: 98-0047. Unpublished study prepared by Waterborne Environmental, Inc., and Novartis Crop Protection. 679 p. |
| 44948902 | Speth, R. (1999) Terrestrial Field Dissipation of CGA-293343 25WG on Bare Soil in Michigan (Ingham County): Lab Project Number: 178-97: 44118: 98-0011. Unpublished study prepared by Novartis Crop Protection, Inc. and ABC Laboratories, Inc. 872 p. |
| 44948903 | Wiepke, T.; Scott, P.; Jacobson, B. et al. (1999) Dissipation of CGA-293343 25WG Under Field Conditions With and Without Turfgrass (Bare Soil) in New Jersey: Lab Project Number: 54-98: 242.39: 8057-1. Unpublished study prepared by Novartis Crop Protection, Inc. and Waterborne Environmental, Inc. 1168 p. |
| 44975401 | Speth, R. (1999) Terrestrial Field Dissipation of CGA-293343. 22GR on Bare Soil and Turfgrass in California: Final Report: Lab Project Number: 268-98: 242.41: 45202. Unpublished study prepared by Waterborne Environmental, Inc. 589 p. |
| 44975402 | Chamkasem, N. (1999) Analytical Method for Determination of CGA-293343 and its Degradates CGA-322704, CGA-353042, NOA-404617, and NOA-407475 in Soil by High Performance Liquid Chromatography with Mass Spectrometric Detection Including Validation Data: Lab Project Number: 9-96: AG-679B. Unpublished study prepared by Novartis Crop Protection, Inc. 163 p. |
| 44975403 | Chamkasem, N. (1998) Analytical Method for Determination of CGA-293343 and its Degradates CGA-322704, CGA-355190, CGA-353042, NOA-404617, and NOA-407475 in Thatch/Sod by High Performance Liquid Chromatography with Mass Spectrometric Detection: Final Report: Lab Project Number: 205-98: AG-689. Unpublished study prepared by Novartis Crop Protection, Inc. 100 p. |
| 45086201 | Wiepke, T.; Cassidy, P. (2000) Terrestrial Field Dissipation of CGA-293343 on a Leafy Vegetable in San Joaquin Valley of California: Final Report Addendum: Lab Project Number: 7489-98-0040-CR-001: 176-97. Unpublished study prepared by Ricerca, LLC. 54 p. |
| 45086202 | Speth, R.; Cortez, C. (2000) Terrestrial Field Dissipation of CGA-293343 25WG on Bare Soil in Michigan (Ingham County): Final Report Addendum: Lab Project Number: 178-97: 98-0011. Unpublished study prepared by EN-CAS Analytical Labs. 44 p. |
| 45640402 | Speth, R. (2000) Terrestrial Field Dissipation of CGA-293343 .22GR on Bare Soil and Turfgrass in California: Final Report Addendum: Lab Project Number: 268-98: 242.41: 45202. Unpublished study prepared by Novartis Crop Protection, Inc. 199 p. |
| 45640403 | Wiepke, T.; Jacobson, B.; Cassidy, P. (2000) Dissipation of CGA-293343 25WG Under Field Conditions With and Without Turfgrass (Bare Soil) in New Jersey: Final Report Addendum: Lab Project Number: 54-98: 242.39. Unpublished study prepared by Novartis Crop Protection, Inc. 214 p. |

### 164-2       Aquatic field dissipation

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 47558101 | Dharmasri, C.; Mayer, L. (2008) Preparation of Cruiser 5FS (Thiamethoxam) Treated Rice Seeds for Aquatic Field Dissipation Studies (Subdivision N-Guideline Number 164-2): Final Report. Project Number: T001442/07, RIEN00207, 10099205/DOC. Unpublished study prepared by Syngenta Crop Protection. 48 p. |
| 47558102 | Dharmasri, C.; Jacobson, B.; Tauber, R. (2008) Thiamethoxam: Aquatic Dissipation of Thiamethoxam After Application as a Seed Treatment on Rice Seed Under Drilled-Rice Production Conditions in Arkansas: Final Report. Project Number: T004676/06, 242/101, 07SYN220/REP. Unpublished study prepared by Syngenta Crop Protection and Waterborne Environmental, Inc. (WEI) and ALS Laboratory Group, Environmental. 744 p. |
| 47558103 | Dharmasri, C.; Jacobson, B.; Tauber, R. (2008) Thiamethoxam: Aquatic Dissipation of Thiamethoxam After Application as a Seed Treatment on Rice Seed Under Drilled-Rice Production Conditions in Louisiana: Final Report. Project Number: T004680/06, 242/102, 07SYN221/REP. Unpublished study prepared by Syngenta Crop Protection and Waterborne Environmental, Inc. (WEI) and ALS Laboratory Group, Environmental. 794 p. |
| 47558104 | Dharmasri, C.; Tauber, R. (2008) Thiamethoxam: Stability Determination of Thiamethoxam (CGA 293343) and Metabolites CGA 322704, CGA 355190, CGA 353042, NOA 404617, NOA 407475, SYN 501406 and NOA 459602 in Soil and Water Under Freezer Storage Conditions: Interim Report. Project Number: T004683/06, 08SYN235/REP, T003103/03. Unpublished study prepared by Syngenta Crop Protection and ALS Laboratory Group, Environmental. 342 p. |
| 47751401 | Dharmasri, C.; Tauber, R. (2009) Stability Determination of Thiamethoxam (CGA293343) and Metabolites CGA322704, CGA353042, NOA404617, NOA407475, SYN50106 and NOA459602 in Soil and Water Under Freezer Storage Conditions: Final Report. Project Number: T004683/06, 08SYN235/REP. Unpublished study prepared by Syngenta Crop Protection, Inc., and ALS Laboratory Group, Environmental. 388 p. |

### 164-5       Long term soil dissipation

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 44948901 | Wiepke, T.; Jacobson, B.; Eller, M. et al. (1999) Dissipation of CGA-293343 25WG in Soil Under Vegetable Production Conditions in Florida (Addendum No. 1): Lab Project Number: 177-97: 242.32. Unpublished study prepared by Novartis Crop Protection, Inc. and Waterborne Environmental, Inc. 102 p. |

### 165-1       Confined rotational crop

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 44703531 | Ray, W. (1998) Study on Rotational Crops After Soil Application of Thiazol-2-(carbon-14)-CGA-293343 and Oxadiazin-4-(carbon-14)-CGA-293343: Lab Project Number: ABR-98040: 82-96: 346001. Unpublished study prepared by Novartis Crop Protection, Inc. 128 p. {OPPTS 860.1850} |
| 44715116 | Sandmeier, P. (1997) Outdoor Confined Study on Rotational Crops After Bareground Application of (Thiazol-2-(carbon-14)) CGA-293343: Lab Project Number: CMR 16/97: 766-97: 95PSA43. Unpublished study prepared by Novartis Crop Protection, Inc. 141 p. {OPPTS 860.1850} |
| 44715117 | Sandmeier, P. (1997) Outdoor Confined Study on Rotational Crops After Bareground Application of (Oxadiazin-4-(carbon-14)) CGA-293343: Lab Project Number: CMR 20/97: 765-97: 95PSA42PR1. Unpublished study prepared by Novartis Crop Protection, Inc. 151 p. {OPPTS 860.1850} |

### 165-2       Field rotational crop

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 44715106 | Campbell, D. (1998) CGA-293343--Field Accumulation in Rotational Crops: Lab Project Number: 107-97: 346010: 107-97-A. Unpublished study prepared by Novartis Crop Protection, Inc. 201 p. {OPPTS 860.1900} |
| 45659201 | Oakes, T.; Vincent, T. (2002) CGA-293343--Field Accumulation in Rotational Crops Amendment 1 MRID 44715106: Lab Project Number: 107-97: 02-IR-046-97. Unpublished study prepared by Syngenta Crop Protection, Inc. 118 p. {OPPTS 860.1000 & 860.1900} |

### 166-1       Ground water-small prospective

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46127701 | Wiepke, T.; Newcombe, A. (2003) A Small-Scale Prospective Ground Water Monitoring Study for Platinum 2SC (Thiamethoxam, CGA-293343) in St. Joseph County, Michigan. Project Number: 1517/01, 004/08170/00/500, 2. Unpublished study prepared by Syngenta Crop Protection Inc. 116 p. |
| 46402912 | Speth, R.; Newcombe, A. (2004) A Small-Scale Prospective Groundwater Monitoring Study for Thiamethoxam Insecticide (Platinum) in Macon County, Georgia - Interim Report No. 1. Project Number: 1516/01, 004/11201/00/301. Unpublished study prepared by Syngenta Crop Protection, Inc. and LFR Levine-Fricke, Inc. 161 p. |
| 46727901 | Speth, R.; Newcombe, A. (2005) A Small-Scale Prospective Groundwater Monitoring Study for Thiamethoxam Insecticide (Platinum) in Macon County, Georgia - Interim Report No. 2. Project Number: 1516/01, 004/11201/00/301. Unpublished study prepared by Syngenta Crop Protection, Inc. and LFR Levine-Fricke, Inc.. 260 p. |
| 46727902 | Wiepke, T.; Newcombe, A. (2005) A Small-Scale Prospective Groundwater Monitoring Study for Platinum 2SC (Thiamethoxam, CGA-293343) in St. Joseph County, Michigan - Progress Report No. 3. Project Number: 1517/01, 004/08170/00/500. Unpublished study prepared by Syngenta Crop Protection, Inc. and LFR Levine-Fricke, Inc. 162 p. |
| 46727903 | Wiepke, T.; Newcombe, A. (2005) A Small-Scale Prospective Groundwater Monitoring Study for Platinum 2SC (Thiamethoxam, CGA-293343) in St. Joseph County, Michigan - Progress Report No. 4. Project Number: 1517/01, 004/08170/00/500. Unpublished study prepared by Syngenta Crop Protection, Inc. and LFR Levine-Fricke, Inc. 244 p. |
| 46727904 | Wiepke, T.; Newcombe, A. (2005) A Small-Scale Prospective Groundwater Monitoring study for Platinum 2SC (Thiamethoxam, CGA-293343) in St. Joseph County, Michigan - Termination of Sampling Request. Project Number: 1517/01, 004/08170/00/500. Unpublished study prepared by Syngenta Crop Protection, Inc. and LFR Levine-Fricke, Inc. 116 p. |
| 46727905 | Speth, R.; Newcombe, A. (2005) A Small-Scale Prospective Groundwater Monitoring Study for Thiamethoxam Insecticide (Plantinum) in Macon County, Georgia - Termination of Sampling Request. Project Number: 1516/01, 004/11201/00/301. Unpublished study prepared by Syn. and LFR Levine-Fricke, Inc. 281 p. |
| 47379701 | Wiepke, T.; Speth, R.; Newcombe, A.; et al. (2008) A Small-Scale Prospective Groundwater Monitoring Study for Thiamethoxam Insecticide (Platinum) in Macon County, Georgia: Final Report. Project Number: 1516/01, 004/11201/00. Unpublished study prepared by Syngenta Crop Protection, Inc., ALS Laboratory Group, Environmental and LFR Levine-Fricke, Inc. 1230 p. |
| 47486201 | Wiepke, T.; Newcombe, A.; Mayer, T.; et al. (2008) Thiamethoxam: A Small-Scale Prospective Groundwater Monitoring Study for Platinum 2SC (Thiamethoxam, CGA-293343) in St. Joseph County, Michigan: Final Report. Project Number: T001517/01. Unpublished study prepared by Syngenta Crop Protection, LFR, Inc. and Agvise Laboratories. 1373 p. |
| 47828001 | Wiepke, T.; Braun, D.; Mayer, L. (2008) Thiamethoxam: Retrospective Groundwater Monitoring Program for Thiamethoxam in Florida: Step 1- Indicator Wells: Final Report. Project Number: T000094/02, 031387/F. Unpublished study prepared by Syngenta Crop Protection, Inc., Stone Environmental, Inc. and Agvise Laboratories, Inc. 576 p. |
| 49667101 | Mayer, T. (2004) Analytical Method for the Determination of CGA-293343 and its Degradates CGA-322704, CGA-355190, CGA-353042, NOA-404617, NOA-407475, SYN-501406 and NOA-459602 in Water by Direct Injection High Performance Liquid Chromatography with Mass Spectrometric Detection. Project Number: T003103/03. Unpublished study prepared by Syngenta Crop Protection, Inc. 105p. |

### 166-2       Ground water-small retrospective

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 47828001 | Wiepke, T.; Braun, D.; Mayer, L. (2008) Thiamethoxam: Retrospective Groundwater Monitoring Program for Thiamethoxam in Florida: Step 1- Indicator Wells: Final Report. Project Number: T000094/02, 031387/F. Unpublished study prepared by Syngenta Crop Protection, Inc., Stone Environmental, Inc. and Agvise Laboratories, Inc. 576 p. |

### 171-11       Tobacco Uses: Total Residues and Pyrolysis Products

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 44715103 | Campbell, D. (1998) CGA-293343 and Emamectin--Magnitude of the Residue in or on Tobacco: Interim Report: Lab Project Number: 133-98: OS-IR-606-98/NC: NE-IR-202-98/KY. Unpublished study prepared by Novartis Crop Protection, Inc. 105 p. {OPPTS 860.1000, 860.1500} |

### 171-4B       Residue Analytical Methods

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 44703506 | Mair, P. (1998) Determination of CGA-293343 and CGA-322704 by HPLC--Validation Method for Soil: Lab Project Number: 955-98: REM 179.03. Unpublished study prepared by Novartis Crop Protection, Inc. 49 p. |
| 44703507 | Mair, P. (1998) Determination of CGA-293343 and CGA-322704 by HPLC--Validated Method for Potable and Surface Water: Lab Project Number: 956-98: REM 179.05. Unpublished study prepared by Novartis Crop Protection AG. 33 p. |
| 44703508 | Mair, P. (1997) Validation of Method REM 179.05--Validation by Analysis of Fortified Specimens and Determination of Recoveries (Potable Water): CGA-293343: Lab Project Number: 958-98: 181/97. Unpublished study prepared by Novartis Crop Protection AG. 17 p. |
| 44703509 | Mair, P. (1998) Validation of Method REM 179.05 for the Use with Surface Water--Validation by Analysis of Fortified Specimens and Determination of Recoveries: CGA-293343: Lab Project Number: 959-98: 106/98. Unpublished study prepared by Novartis Crop Protection AG. 17 p. |
| 44703522 | Crawford, C. (1998) Independent Laboratory Validation of Method AG-675, for the Determination of Residues of CGA-293343 and the Metabolite CGA-322704 in Animal and Crop Substrates: Lab Project Number: 490-98: 7693-98-0174-CR-001: AG-675. Unpublished study prepared by Ricerca, Inc. 81 p. {OPPTS 860.1340} |
| 44703523 | Lin, K. (1998) Determination of CGA-293343 by U.S. Food and Drug Administration Mutiresidue (sic) Method Testing: Lab Project Number: ABR-98054: 363-96: 346001. Unpublished study prepared by Novartis Crop Protection, Inc. 50 p. {OPPTS 860.1340} |
| 44703524 | Campbell, D. (1998) Analytical Method for the Determination of Residues of CGA-293343 and the Metabolite CGA-322704 in Animal and Crop Substrates by High Performance Liquid Chromatography with Detection by UV and Mass Spectrometry, Including Validation Data: Lab Project Number: AG-675: 206-97: 346001. Unpublished study prepared by Novartis Crop Protection, Inc. 235 p. {OPPTS 860.1340} |
| 44703536 | Mair, P. (1995) Determination of CGA-293343 By HPLC (REM 179.01): Lab Project Number: REM 179.01: 1012-98. Unpublished study prepared by Novartis Crop Protection AG. 24 p. {OPPTS 860.1340} |
| 44715035 | Gresham, M. (1998) Environmental Chemistry Method Independent Laboratory Validation: Novartis Method No. AG-679, Analytical Method for the Determination of CGA-293343 and its Degradates CGA-322704, CGA-355190, CGA-353042, NOA-404617, and NOA-407475 in Soil by High-Performance Liquid Chromatography with Mass Spectrometric Detection Including Validation Data: Lab Project Number: 523-98: 44782: AG-679. Unpublished study prepared by ABC Laboratories, Inc. 315 p. |
| 44948904 | Tauber, R.; McLean, N. (1999) Independent Laboratory Validation of Novartis Method No.: AG-675: Analytical Method for the Determination of Residues of CGA-293343 and the Metabolite CGA-322704 in Animal and Crop Substrates by High Performance Liquid Chromatography with Detection by UV and Mass Spectrometry, Including Validation Data: Lab Project Number: 99NOV44.REP: 615-99: AG-675. Unpublished study prepared by Enviro-Test Laboratories (ETL). 143 p. |
| 44948905 | Tauber, R.; McLean, N. (1999) Independent Laboratory Validation of Novartis Method No.: AG-679B: Analytical Method for the Determination of CGA-293343 and its Degradates, CGA-322704, CGA-353042, NOA-404617, and NOA-407475 in Soil by High Performance Liquid Chromatography with Mass Spectrometric Detection Including Validation Data: Lab Project Number: 99NOV42.REP: 616-99: 99NOV01.PRO. Unpublished study prepared by Enviro-Test Laboratories. 237 p. |
| 44948906 | Kabler, A. (1999) Independent Laboratory Validation of Novartis Method AG-689: Analytical Method for the Determination of CGA-293343 and its Degradates CGA-322704, CGA-355190, CGA-353042, NOA-404617, and NOA-407475 in Thatch/Sod by High Performance Liquid Chromatography with Mass Spectrometric Detection: Lab Project Number: 21-99: AG-689: I293343NAU400A. Unpublished study prepared by Novartis Crop Protection, Inc. 178 p. |
| 45140901 | Mair, P. (1997) Determination of CGA-293343 and CGA-322704 by HPLC: Lab Project Number: 872-00: REM 179.03. Unpublished study prepared by Novartis Crop Protection AG. 49 p. {OPPTS 860.1340} |
| 45499901 | Kissling, M.; Kuhne, R. (1995) General Procedures Used for the Calculation and Interpretation of Response Functions as well as for the Calculation of Residues: Lab Project Number: REM 119.06: 2103-01. Unpublished study prepared by Ciba Crop Protection. 17 p. {OPPTS 860.1340} |
| 45659202 | Lin, K. (2002) Analytical Method for the Determination of Residues of CGA-293343 and the Metabolite CGA-322704 in Animal and Crop Substrates by High Performance Liquid Chromatography with Detection by UV and Mass Spectrometry, Including Validation Data Amendment 1 MRID 44703524: Lab Project Number: AG-675: 206-97. Unpublished study prepared by Syngenta Crop Protection, Inc. 33 p. {OPPTS 860.1340} |
| 45659203 | Lin, K. (2002) Thiamethoxam--Validation of Analytical Method AG-675 for the Analysis of Liver: Final Report: Lab Project Number: 858-00. Unpublished study prepared by Syngenta Crop Protection, Inc. 102 p. {OPPTS 860.1340} |
| 45659205 | Oakes, T. (2002) Stability of CGA-293343 and CGA-322704 in Crops and Processed Fractions Under Freezer Storage Conditions: Final Report: Lab Project Number: 269-98. Unpublished study prepared by Syngenta Crop Protection, Inc. 155 p. {OPPTS 860.1380} |

### 171-4C       Magnitude of the Residue [by commodity]

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 44703525 | Mair, P. (1998) Stability of Residues of CGA-293343 (2 years Final Report) and CGA-322704 (1 Years Interim Report) in Plant Material Under Deep Freezer Conditions, Including Method Validation: Lab Project Number: 112/96: 504-96: 103/98. Unpublished study prepared by Novartis Crop Protection AG. 65 p. {OPPTS 860.1380} |
| 44703526 | Rumbeli, R. (1998) Metabolism of (Thiazol-2-(carbon-14)) CGA-293343 after Multiple Oral Administration to Laying Hens: Lab Project Number: 027AM04: 961-98: CRA 96/090. Unpublished study prepared by Novartis Crop Protection AG. 118 p. {OPPTS 860.1480} |
| 44703527 | Vincent, T. (1998) CGA-293343 COMBI FS-D--Magnitude of the Residues in or on Canola: Lab Project Number: 476-97: OW-SR-301-97: 0S-SR-858-97. Unpublished study prepared by Novartis Crop Protection, Inc. 257 p. {860.1000, 860.1500, 860.1520} |
| 44703528 | Purdy, J. (1998) 8 Crop Residue Trials to Determine the Residues of CGA-169374, CGA-173506, CGA-293343, and CGA-329351 and Their Significant Crop Metabolites After Application of Helix as a Seed Treatment on Canola: Lab Project Number: 998-98: CER 03203/97: 98NOV32.REP. Unpublished study prepared by Novartis Crop Protection Canada Inc. 141 p. {OPPTS 860.1000, 860.1500, 860.1520} |
| 44703529 | Purdy, J. (1998) 5 Crop Residue Trials to Determine the Residues of CGA-169374, CGA-173506, CGA-293343, and CGA-329351 and Their Significant Crop Metabolites After Application of Helix as a Seed Treatment on Mustard: Lab Project Number: 1008-98: CER03210/98: 98NOV36.REP. Unpublished study prepared by Novartis Crop Protection Canada Inc. 111 p. {OPPTS 860.1000, 860.1500, 860.1520} |
| 44703530 | Purdy, J. (1998) 10 Crop Residue Trials to Determine the Residues of CGA-169374, CGA-173506, CGA-293343, and CGA-329351 and Their Significant Crop Metabolites After Application of Helix as a Seed Treatment on Canola, 1998 Trials: Lab Project Number: 1009-98: CER03208/98: 98NOV35.REP. Unpublished study prepared by Novartis Crop Protection Canada Inc. 149 p. {860.1000, 860.1500, 860.1520} |
| 44703534 | Campbell, D. (1998) CGA-293343--Magnitude of the Residues in Meat and Milk Resulting from the Feeding of Three Levels to Dairy Cattle: Lab Project Number: ABR-98052: 46-97: BIOL-97006. Unpublished study prepared by Novartis Crop Protection, Inc. 180 p. {OPPTS 860.1480} |
| 44715104 | Campbell, D. (1998) CGA-293343--Magnitude of the Residue in or on Cotton: Final Report: Lab Project Number: 34-97: 346012: 133-98A. Unpublished study prepared by Novartis Crop Protection, Inc. 252 p. {OPPTS 860.1000, 860.1500, 860.1520} |
| 44715105 | Campbell, D. (1998) CGA-293343 and Maxim 4FS-Magnitude of the Residues in or on Barley: Final Report: Lab Project Number: 02-SR-055-96: 0W-SR-201-97: 0W-SR-601-97. Unpublished study prepared by Novartis Crop Protection, Inc. 212 p. {OPPTS 860.1000, 860.1500} |
| 44715108 | Vincent, T. (1998) CGA-293343 and Maxim 4FS--Magnitude of the Residues in or on Wheat: Interim Report: Lab Project Number: 337-96: 02-SR-073-97: 0W-SR-202-97. Unpublished study prepared by Novartis Crop Protection, Inc. 496 p. {OPPTS 860.1000, 860.1500, 860.1520} |
| 44715109 | Eudy, L. (1998) CGA-293343--Magnitude of the Residues in or on Crop Group 9: Cucurbit Vegetables: Final Report: Lab Project Number: 42-96: 98-0019: 02-IR-043-96. Unpublished study prepared by Novartis Crop Protection, Inc. 227 p. {OPPTS 860.1500} |
| 44715110 | Vincent, T.; Eudy, L.; Joseph, T. (1998) CGA-293343 and CGA-215944--Magnitude of the Residues in or on Crop Subgroup 1C: Tuberous and Corm Vegetables: Final Report: Lab Project Number: 43-96: 02-IR-046-96: 05-IR-003-96. Unpublished study prepared by Novartis Crop Protection, Inc. 223 p. {OPPTS 860.1500, 860.1520} |
| 44715111 | Eudy, L. (1998) CGA-293343--Magnitude of the Residue in or on Crop Group 8: Fruiting Vegetables: Final Report: Lab Project Number: 45-98: ABR-98105: 02-IR-039-97. Unpublished study prepared by Novartis Crop Protection, Inc. 277 p. {OPPTS 860.1500, 860.1520} |
| 44715112 | Eudy, L. (1998) CGA-293343--Magnitude of the Residue in or on Grain Sorghum: Final Report: Lab Project Number: 0S-IR-109-96: 0S-IR-204-96: 0S-IR-320-96. Unpublished study prepared by Novartis Crop Protection, Inc. 302 p. {OPPTS 860.1500, 860.1520} |
| 44715113 | Grunenwald, M. (1998) Stability of CGA-293343 and CGA-322704 in Crops and Processed Fractions Under Freezer Storage Conditions: Lab Project Number: ABR-98103: 269-98: 346001. Unpublished study prepared by Novartis Crop Protection, Inc. 104 p. {OPPTS 860.1380} |
| 44715114 | Grunenwald, M. (1998) Stability of CGA-293343, CGA-322704, and CGA-265307 in Meat, Milk, and Eggs Under Freezer Storage Conditions: 4-Month Interim Report: Lab Project Number: ABR-98102: 284-98: 346001. Unpublished study prepared by Novartis Crop Protection, Inc. 134 p. {OPPTS 860.1380} |
| 44715115 | Lutringer, C. (1998) Metabolism of (Oxadiazin-4-(carbon-14)) CGA-293343 after Multiple Oral Administration to Laying Hens: Lab Project Number: 1011-98: 027AM06: CRA 97/103. Unpublished study prepared by Novartis Crop Protection, Inc. 104 p. {OPPTS 860.1480} |
| 44715134 | Campbell, D. (1998) CGA-293343 and CGA-215944--Magnitude of the Residues in or (on) Crop Group 11: Pome Fruits: Lab Project Number: ABR-98096: 44-96: 02-IR-047-96. Unpublished study prepared by Novartis Crop Protection, Inc. 429 p. {OPPTS 860.1500} |
| 44829301 | Vincent, T. (1999) CGA-293343 Combi FS-D-Magnitude of the Residues in or on Canola: Final Report: Lab Project Number: 476-97: 0W-SR-204-98: 0W-SR-301-98. Unpublished study prepared by Novartis Crop Protection, Inc. 92 p. {OPPTS 860.1000, 860.1500, 860.1520} |
| 45086203 | Hohl, J. (1999) Stability of Residues of CGA-322704 in Plant Material and Soil Stored under Deep Freezer Conditions: Interim Report: Lab Project Number: 702-00. Unpublished study prepared by Novartis Crop Protection, Inc. 22 p. {OPPTS 860.1380} |
| 45093301 | Boyette, S. (2000) CGA-293343--Magnitude of the Residues in or on Crop Group 1C: Tuberous and Corm Vegetables: Final Report: Lab Project Number: 159-98: 02-SR-035-98: 05-SR-005-98. Unpublished study prepared by Novartis Crop Protection Inc. 372 p. {OPPTS 860.1000, 860.1500, 860.1520} |
| 45093704 | Campbell, D.; Pyles, S. (2000) CGA-293343 + CGA-169374--Magnitude of the Residues in or on Peanuts: Final Report: Lab Project Number: 98-99: OS-SR-207-99: OS-SR-309-99. Unpublished study prepared by Novartis Crop Protection. 230 p. {OPPTS 860.1000, 860.1500, 860.1520} |
| 45093705 | Campbell, D.; Pyles, S. (2000) CGA-293343--Magnitude of the Residues in or on Grapes: Final Report: Lab Project Number: 170-99: OS-IR-003-99: OW-IR-101-99. Unpublished study prepared by Novartis Crop Protection. 250 p. {OPPTS 860.1000, 860.1500, 860.1520} |
| 45093706 | Boyette, S. (2000) CGA-293343--Magnitude of the Residues in or on Crop Group 1C: Tuberous and Corm Vegetables: Final Report Amendment: Lab Project Number: 625-99: 05-SR-001-99: 07-SR-007-99. Unpublished study prepared by Novartis Crop Protection. 276 p. {OPPTS 860.1000, 860.1500, 860.1520} |
| 45093707 | Campbell, D.; Pyles, S. (2000) CGA-293343--Magnitude of the Residues in or on Cotton: Final Report: Lab Project Number: 57-96: 03-IR-011-96: 02-IR-052-96. Unpublished study prepared by Novartis Crop Protection. 156 p. {OPPTS 860.1500, 860.1520} |
| 45093708 | Campbell, D.; Oakes, T. (2000) CGA-293343 + Difenoconazole--Magnitude of the Residues in or on Corn: Final Report: Lab Project Number: 158-98: 346056: 02-SR-031-98. Unpublished study prepared by Novartis Crop Protection. 820 p. {OPPTS 860.1500, 860.1520} |
| 45093715 | Campbell, D.; Ames, E.; Adair, J. (2000) CGA-293343--Magnitude of the Residues in Meat and Eggs Resulting From the Feeding of Three Levels to Poultry: Final Report: Lab Project Number: 302-97. Unpublished study prepared by Novartis Crop Protection. 145 p. {OPPTS 860.1480} |
| 45093716 | Campbell, D. (2000) CGA-293343--Cattle Dietary Summary Report: Lab Project Number: 644-00. Unpublished study prepared by Novartis Crop Protection. 14 p. {OPPTS 860.1480} |
| 45499913 | Kahrs, R. (2001) Global Summary Thiamethoxam (CGA 293343)/Coffee--Magnitude of the Residue: Lab Project Number: 1792-01: 1169/99. Unpublished study prepared by Syngenta Crop Protection, Inc. 38 p. {OPPTS 860.1500} |
| 45530901 | Starner, V. (2001) Thiamethoxam: Magnitude of the Residue on Mint: Lab Project Number: 07362: 07362.99-CAR24: 07632.99-WI25. Unpublished study prepared by University of California, Davis. 278 p. |
| 45659204 | Lin, K.; Oakes, T. (2002) Stability of CGA-293343, CGA-322704, and CGA-265307 in Meat, Milk and Eggs Under Freezer Storage Conditions Amendment 1 MRID 45499902: Lab Project Number: ABR-98102: 284-98. Unpublished study prepared by Syngenta Crop Protection, Inc. 29 p. {OPPTS 860.1380} |
| 45659205 | Oakes, T. (2002) Stability of CGA-293343 and CGA-322704 in Crops and Processed Fractions Under Freezer Storage Conditions: Final Report: Lab Project Number: 269-98. Unpublished study prepared by Syngenta Crop Protection, Inc. 155 p. {OPPTS 860.1380} |
| 45659206 | Lin, K.; Oakes, T. (2002) CGA-293343--Magnitude of the Residue in Meat and Milk Resulting from the Feeding of Three Levels to Dairy Cattle Amendment 1 MRID 44703534: Lab Project Number: ABR-98052: 46-97. Unpublished study prepared by Syngenta Crop Protection, Inc. 40 p. {OPPTS 860.1480} |
| 45701201 | Boyette, S. (2000) CGA-293343--Magnitude of the Residues in or on Crop Group 1C: Tuberous and Corm Vegetables: Final Report: Lab Project Number: 159-98: 346057: 02-SR-035-98. Unpublished study prepared by Novartis Crop Protection, Inc. 372 p. {OPPTS 860.1000, 860.1500, 860.1520} |
| 45757501 | Starner, V. (2002) Thiamethoxam: Magnitude of the Residue on Bean (Succulent): Lab Project Number: 07589: 07589.00-CIR03: 07589.00-NY13. Unpublished study prepared by Syngenta Crop Protection, Inc. 279 p. |
| 45757701 | Moore, M.; Ediger, K. (2001) Thiamethoxam: Magnitude of the Residues on Peach: Final Report: Lab Project Number: 07052-00: IR4S06600: IR4S01000. Unpublished study prepared by A.C.D.S. Research Inc. 97 p. {OPPTS 860.1000, 860.1500} |
| 45757702 | Moore, M.; Ediger, K. (2001) Thiamethoxam: Magnitude of the Residues on Cherry: Final Report: Lab Project Number: 07673-00: 36-00: IR4S03100: 07673.00-MI11. Unpublished study prepared by Syngenta Crop Protection. 109 p. {OPPTS 860.1000, 860.1500} |
| 45757703 | Moore, M.; Ediger, K. (2001) Thiamethoxam: Magnitude of the Residues on Plum: Final Report: Lab Project Number: 562-00: 07674-00: IR4S02200. Unpublished study prepared by Syngenta Crop Protection. {OPPTS 860.1000, 860.1500, 860.1520} |
| 45793401 | Campbell, D.; Pyles, S. (2002) CGA-293343: Magnitude of the Residues in or on Sunflowers: Lab Project Number: 08465: 100-99: OW-SR-202-99. Unpublished study prepared by Syngenta Crop Protection, Inc. 113 p. {OPPTS 860.1000, 860.1500, 860.1520} |
| 45847901 | Ediger, K. (2002) CGA-293343--Magnitude of the Residues in or on Crop Group 9: Cucurbit Vegetables: Thiamethoxam: Final Report: Lab Project Number: 920-02: N-2K2-SYN-920-02-001: NK-IR-009-02/OH. Unpublished study prepared by Syngenta Crop Protection, Inc. 89 p. {OPPTS 860.1000, 860.1500} |
| 45880901 | Ediger, K. (2003) CGA-293343--Magnitude of the Residues in or on Representative Commodities of Crop Group 4: Leafy Vegetables: Thiamethoxam: Final Report: Lab Project Number: 918-02: WB-IR-009-02: EE-IR-010-02. Unpublished study prepared by Syngenta Crop Protection, Inc. 127 p. {OPPTS 860.1000, 860.1500} |
| 45880902 | Ediger, K. (2003) CGA-293343--Magnitude of the Residues in or on Representative Commodities of Crop Group 5: Brassica Leafy Vegetables: Thiamethoxam: Final Report: Lab Project Number: 919-02: WF-IR-013-02: SJ-IR-024-02. Unpublished study prepared by Syngenta Crop Protection, Inc. 115 p. {OPPTS 860.1000, 860.1500} |
| 45880903 | Ediger, K. (2003) CGA-293343--Magnitude of the Residues in or on Tomato as a Representative Commodity of Crop Group 8: Fruiting Vegetables: Thiamethoxam: Final Report: Lab Project Number: 917-02: VB-IR-406-02: WC-IR-020-02. Unpublished study prepared by Syngenta Crop Protection, Inc. 147 p. {OPPTS 860.1000, 860.1500} |

### 171-4A2       Nature of the Residue in Plants

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 44703511 | Capps, T. (1998) (Carbon-14) CGA-293343: Nature of the Residue in Pears: Lab Project Number: ABR-98041: 198-96: ANPHI-96014. Unpublished study prepared by Novartis Crop Protection, Inc. 171 p. {OPPTS 860.1300} |
| 44703512 | Carlin, T. (1998) (Carbon-14) CGA-293343: Nature of the Residue in Field Grown Cucurbits: Lab Project Number: ABR-98048: 282-95: ANPHI-97003. Unpublished study prepared by Novartis Crop Protection, Inc. 192 p. {OPPTS 860.1300} |
| 44703513 | Ray, W. (1998) Study on Green House Grown Wheat After Soil Applications of Thiazole-(carbon-14) CGA-293343: Lab Project Number: ABR-98039: 520-95: ANPHI-96012. Unpublished study prepared by Novartis Crop Protection, Inc. 142 p. {OPPTS 860.1300} |
| 44703514 | Krauss, J. (1997) Metabolism of CGA-293343 in Greenhouse Grown Paddy Rice after Foliar Application of (Oxadiazin-4-(carbon-14)) Labelled Material: Lab Project Number: CMR 14/97: 769-97. Unpublished study prepared by Novartis Crop Protection AG. 64 p. {OPPTS 860.1300} |
| 44703515 | Sandmeier, P. (1998) Metabolism of (Thiazol-2-(carbon-14)) CGA-293343 in Corn: Lab Project Number: CMR 19/97: 764-97: 95PSA41. Unpublished study prepared by Novartis Crop Protection AG. 109 p. {OPPTS 860.1300} |
| 44703516 | Sandmeier, P. (1996) Uptake,Distribution and Degradation of CGA-293343 in Field Grown Corn after Seed Treatment with (Thiazol-2-(carbon-14)) Labelled Material: Lab Project Number: PMR 6/96: 505-96. Unpublished study prepared by Novartis Crop Protection AG. 95 p. {OPPTS 860.1300} |
| 44703517 | Krauss, J. (1997) Metabolism of CGA-293343 in Greenhouse Grown Paddy Rice After Foliar Application of (Thiazol-2-(carbon-14)) Labelled Material: Lab Project Number: CMR 11/97: 768-97. Unpublished study prepared by Novartis Crop Protection AG. 67 p. {OPPTS 860.1300} |
| 44703518 | Krauss, J. (1997) Behaviour and Metabolism of CGA-293343 in Greenhouse Grown Paddy Rice After Granular Application of (Oxadiazin-4-(carbon-14)) Labelled Material: Lab Project Number: CMR 21/97: 767-97. Unpublished study prepared by Novartis Crop Protection AG. 91 p. {OPPTS 860.1300} |
| 44703519 | Krauss, J. (1997) Behaviour and Metabolism of CGA-293343 in Greenhouse Grown Paddy Rice After Granular Application of (Thiazol-2-(carbon-14)) Labelled Material: Lab Project Number: CMR 5/97: 739-98R. Unpublished study prepared by Novartis Crop Protection AG. 96 p. {OPPTS 860.1330} |
| 44703520 | Sandmeier, P. (1996) Uptake, Distribution and Degradation of CGA-293343 in Field Grown Corn After Seed Treatment with (Oxadiazin-4-(carbon-14)) Labelled Material: Lab Project Number: PMR 7/96: 506-96. Unpublished study prepared by Novartis Crop Protection AG. 108 p. {OPPTS 86031300} |
| 44703521 | Sandmeier, P. (1996) Metabolism of(Oxadiazin-4-(carbon-14)) CGA-293343 in Corn: Lab Project Number: CMR 10/97: 763-97: 95PSA40. Unpublished study prepared by Novartis Crop Protection AG. 208 p. {OPPTS 860.1130} |
| 44939801 | Capps, T. (1999) (14-carbon)-CGA-293343: Nature of the Residue in Pears: Final Report Amendment: Lab Project Number: ABR-98041: 198-96. Unpublished study prepared by Novartis Crop Protection. 31 p. {OPPTS 860.1300} |
| 44939802 | Capps, T. (1999) (14-carbon)-CGA-293343: Nature of the Residue in Field Grown Cucurbits: Final Report Amendment: Lab Project Number: ABR-98048: 282-95. Unpublished study prepared by Novartis Crop Protection. 70 p. {OPPTS 860.1300} |
| 45093709 | Peffer, R. (1999) (Oxadiazin-4-(carbon 14))-CGA-293343: Metabolism and Pyrolysis in Field-Grown Tobacco: Final Report: Lab Project Number: 719-97. Unpublished study prepared by Novartis Crop Protection. 167 p. {OPPTS 860.1000} |
| 45093711 | Capps, T. (1999) (Thiazol-2-(carbon 14))-CGA-293343: Metabolism and Pyrolysis in Field-Grown Tobacco: Final Report: Lab Project Number: 233-98. Unpublished study prepared by Novartis Crop Protection. 136 p. {OPPTS 860.1300} |
| 45093713 | Capps, T. (1999) (Thiazol-2-(carbon 14)) and (Oxadin-4-(carbon 14)) CGA-293343: Nature of the Residue in Potatoes After Seed Treatment: Final Report: Lab Project Number: 601-99: I293343GBL000A. Unpublished study prepared by Novartis Crop Protection. 201 p. {OPPTS 860.1300} |
| 45093714 | Sandmeier, P. (1999) Metabolism of (Thiazol-2-(carbon 14)) and (Oxadin-4-(carbon 14)) CGA-293343 in Field Grown Lettuce: Final Report: Lab Project Number: 99PSAA52: 1220-99. Unpublished study prepared by Novartis Crop Protection. 316 p. {OPPTS 860.1300} |

### 171-4A3       Nature of the Residue in Livestock

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 44703510 | Rumbeli, R. (1998) Metabolism of (Thiazol-2-(carbon-14) CGA-293343 After Multiple Oral Administration to Lactating Goats: Lab Project Number: 027AM03: 992-98: CRA 96/089. Unpublished study prepared by Novartis Crop Protection AG. 269 p. {OPPTS 860.1300} |
| 44703535 | Lutringer, C. (1998) Metabolism of (Oxadiazin-4-(carbon-14)) CGA-293343 After Multiple Oral Administration to Lactating Goats: Lab Project Number: 027AM05: 1014-98. Unpublished study prepared by Novartis Crop Protection AG. 157 p. {OPPTS 860.1300} |

### 810.1000       Overview, Definitions, and General Considerations

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 47251101 | Cox, D.; Zajac, M. (2007) Optiguard ZT: Evaluation of German (Blattella germanica), American (Periplaneta americana) and Oriental (Blatta orientalis) Cockroach Control with Optiguard ZT Applied to Wood and Drywall: Final Report. Project Number: T019981/04, A9795B, CKRH/WP/05/015. Unpublished study prepared by Syngenta Crop Protection Inc. 119 p. |
| 47415413 | Wang, B.; Gao, R.; Mastro, V.; et al. (2006) Research Update on the Systemic Insecticides for the Control of the Asian Longhorned Beetle. Emerald Ash Borer and Asian Longhorned Beetle Research and Development Review Meeting. 111 p. |
| 48110201 | Lovelady, C.; Zajac, M. (2010) Thiamethoxam - Optigard Flex Vespid Wasp Nest Control: Final Report. Project Number: T005589/07/OCR, T005589/07. Unpublished study prepared by Syngenta Crop Protection. 71 p. |
| 49980401 | Cartwright, B. (2016) Chlorantraniliprole & Thiamethoxam: Chlorantraniliprole and Thiamethoxam (A15452C) - Summary of Data to Support Claim of Control of Subterranean Termites, Drywood Termites, and Wood-Destroying Insects With A15452 Termiticide. Project Number: TK0278558, SYN/PDB2013/2654/5, PRO/2013/TSBC04. Unpublished study prepared by Syngenta Crop Protection, LLC. 245p. |
| 50836201 | Cartwright, B. (2019) Chlorantraniliprole and Thiamethoxam (A15452C) - Summary of Efficacy Data to Support Claim of Control and Structural Protection after Soil Application of Pitore Wood Treatment:Summary. Project Number: TK0517142. Unpublished study prepared by Syngenta Crop Protection, LLC. 59p. |
| 50957901 | Cartwright, B. (2019) Chlorantraniliprole and Thiamethoxam (A15452C) Summary of Efficacy Data to Support claim of Control and Structural Protection After Soil Application of Pitore Liquid Treatment. Project Number: TK0517142. Unpublished Study Prepared by Syngenta Crop Protection, Inc. 59p. |

### 810.3000       General Considerations for efficacy of invertebrate control agents

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 47251101 | Cox, D.; Zajac, M. (2007) Optiguard ZT: Evaluation of German (Blattella germanica), American (Periplaneta americana) and Oriental (Blatta orientalis) Cockroach Control with Optiguard ZT Applied to Wood and Drywall: Final Report. Project Number: T019981/04, A9795B, CKRH/WP/05/015. Unpublished study prepared by Syngenta Crop Protection Inc. 119 p. |
| 48110201 | Lovelady, C.; Zajac, M. (2010) Thiamethoxam - Optigard Flex Vespid Wasp Nest Control: Final Report. Project Number: T005589/07/OCR, T005589/07. Unpublished study prepared by Syngenta Crop Protection. 71 p. |
| 49980401 | Cartwright, B. (2016) Chlorantraniliprole & Thiamethoxam: Chlorantraniliprole and Thiamethoxam (A15452C) - Summary of Data to Support Claim of Control of Subterranean Termites, Drywood Termites, and Wood-Destroying Insects With A15452 Termiticide. Project Number: TK0278558, SYN/PDB2013/2654/5, PRO/2013/TSBC04. Unpublished study prepared by Syngenta Crop Protection, LLC. 245p. |
| 50266501 | Meyers, R.; Cartwright, B.; Long, C. (2017) Field Performance of A15452C Termiticide as a Wood Treatment Product for Strucutal Protection against Subterranean Termites. Project Number: PPMU17301, ICH910A4/2017US. Unpublished study prepared by Syngenta Crop Protection, LLC. 11p. |
| 50836201 | Cartwright, B. (2019) Chlorantraniliprole and Thiamethoxam (A15452C) - Summary of Efficacy Data to Support Claim of Control and Structural Protection after Soil Application of Pitore Wood Treatment:Summary. Project Number: TK0517142. Unpublished study prepared by Syngenta Crop Protection, LLC. 59p. |
| 50957901 | Cartwright, B. (2019) Chlorantraniliprole and Thiamethoxam (A15452C) Summary of Efficacy Data to Support claim of Control and Structural Protection After Soil Application of Pitore Liquid Treatment. Project Number: TK0517142. Unpublished Study Prepared by Syngenta Crop Protection, Inc. 59p. |

### 810.3300       Treatments to control pests of humans and pets

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 44886609 | Slone, R. (1999) Pivotal Study to Determine the Efficacy of CGA-293343 Spot-On Administered Topically to Dogs Infested with the Cat Flea (Ctenocephalides felis): Lab Project Number: 9906: 1026-99: NAH-98-0557. Unpublished study prepared by Professional Laboratory and Research Services, Inc. 56 p. |
| 44886610 | Leeper, L. (1999) Pivotal Study to Compare Flea Efficacy of CGA 293343 Against Frontline on Dogs in a Simulated Home Environment: Lab Project Number: 4730-98: 1028-99: NAH-98-0561. Unpublished study prepared by Stillmeadow, Inc. 19 p. |
| 44886611 | Leeper, L. (1999) Time Study Using CGA 293343 in Dogs: Lab Project Number: 4993-99: 1030-99: NAH-99-0035. Unpublished study prepared by Stillmeadow, Inc. 14 p. |
| 44886612 | Leeper, L. (1999) In Vitro Study Using CGA-293343 on Filter Paper to Test for Flea Ovicidal and Larvicidal Activity: Lab Project Number: 5070-99: 1029-99. Unpublished study prepared by Stillmeadow, Inc. 14 p. |
| 44890001 | Blagburn, B. (1999) Comparative Efficacy Evaluation of CGA-293343 and Imidacloprid on Dogs Experimentally Infested with Fleas, Ctenocephalides felis: Lab Project Number: 99-0029: 1050-99: NAH-99-0029. Unpublished study prepared by Auburn University Department of Pathobiology. 12 p. |
| 44981201 | Young, D. (1999) Pivotal Study to Compare the Efficacy of CGA 293343 to an Industry Standard on Cats: Thiamethoxam: Final Report: Lab Project Number: 99-0043: 1177-99: NAH-99-0043. Unpublished study prepared by Young Veterinary Research Services. 14 p. |
| 44981202 | Slone, R. (1999) Pivotal Study to Determine the Efficacy of CGA 293343 Spot-on Administered Topically to Cats Infested with the Cat Flea (Ctenocephalides Felis): Thiamethoxam: Final Report: Lab Project Number: 9907: 1179-99: NAH-98-0559. Unpublished study prepared by Professional Laboratory and Research Services, Inc. 29 p. |
| 44981203 | Leeper, L. (1999) Pivotal Study to Compare Flea Efficacy of CGA 293343 Against Advantage on Cats in a Simulated Home Environment: Thiamethoxam: Final Report: Lab Project Number: 4837-98: 1184-99: NAH-98-0560. Unpublished study prepared by STILLMEADOW, Inc. 16 p. |
| 44981204 | Leeper, L. (1999) Pilot Study: Efficacy Evaluation of Several CGA 293343 Flea Adulticide Formulations on Cats: Thiamethoxam: Final Report: Lab Project Number: 4714-98: 1176-99: NAH-98-0548. Unpublished study prepared by STILLMEADOW, Inc. 34 p. |
| 44981205 | Leeper, L. (1999) Pivotal Study to Compare the Efficacy of CGA 293343 to an Industry Standard on Cats: Thiamethoxam: Final Report: Lab Project Number: 4728-98: 1178-99: NAH-98-0558. Unpublished study prepared by STILLMEADOW, Inc. 18 p. |

### 810.3500       Premises treatments

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45835501 | Hott, J.; Cartwright, B.; Scherer, C. (2002) Thiamethoxam Professional 2SC Efficacy Report: Final Report: Lab Project Number: 1660-00. Unpublished study prepared by Syngenta Crop Protection, Inc. 35 p. |
| 46051901 | Cartwight, B.; Rust, M.; Lewis, V. (2003) Thiamethoxam Professional 2 SC Efficacy Report. Project Number: 1660/00. Unpublished study prepared by Syngenta Crop Protection, Inc. 27 p. |
| 46237401 | Meyers, R. (2004) Thiamethoxam 2SC: Testing Against Drywood Termites in Florida Structures: Final Report. Project Number: T010008/04. Unpublished study prepared by RJM Contracting, Inc. 8 p. |
| 46938102 | Rust, M.; Reirson, D.; Klotz, J. (2004) Delayed Toxicity as a Critical Factor in the Efficacy of Aqueous Baits for Controlling Argentine Ants (Hymenoptera: Formicidae). Journal of Economic Entomology 97(3): 1017-1024. |
| 46948101 | Cox, D.; Zajac, M. (2006) Thiamethoxam: Efficacy Data Supporting A15236A and A15277A: Final Report. Project Number: T006189/06. Unpublished study prepared by Syngenta Crop Protection, Inc. 183 p. |
| 46984601 | Cox, D.; Zajac, M. (2006) Efficacy Data Supporting A15236A, A15277A, on Carpenter Ants: Thiamethoxam: Final Report. Project Number: T010221/06. Unpublished study prepared by Syngenta Crop Protection, Inc. 10 p. |
| 46984602 | Cox, D.; Zajac. M. (2006) Efficacy Data Supporting A15277A on Argentine Ant Thiamethoxam: Final Report. Project Number: T010222/06. Unpublished study prepared by Syngenta Crop Protection, Inc. 4 p. |
| 46984603 | Cox, D.; Zajac, M. (2006) Efficacy Data Supporting A15236A and A15277A on Argentine Ant Thiamethoxam: Final Report. Project Number: T010223/06. Unpublished study prepared by Syngenta Crop Protection, Inc. 14 p. |
| 47251101 | Cox, D.; Zajac, M. (2007) Optiguard ZT: Evaluation of German (Blattella germanica), American (Periplaneta americana) and Oriental (Blatta orientalis) Cockroach Control with Optiguard ZT Applied to Wood and Drywall: Final Report. Project Number: T019981/04, A9795B, CKRH/WP/05/015. Unpublished study prepared by Syngenta Crop Protection Inc. 119 p. |
| 47251102 | Wyatt-Evens, C.; Zajac, M. (2007) Effects of Agin Optiguard ZT on Pest Efficacy: Thiamethoxam: Final Report. Project Number: T000798/07, ITH922B4/2006US. Unpublished study prepared by Syngenta Crop Protection Inc. 10 p. |
| 47251103 | Zajac, M.; Branscome, D. (2007) Efficacy Data Supporting Optiguard ZT on Old House Borer: Thiamethoxam: Interim Report. Project Number: T001931/07, ITH913A4. Unpublished study prepared by Syngenta Crop Protection Inc. 15 p. |
| 47251104 | Zajac, M. (2007) Efficacy Data Supporting Optiguard ZT on Powderpost Beetle: Thiamethoxam: Interim Report. Project Number: T001930/07, ITH952C. Unpublished study prepared by Syngenta Crop Protection Inc. 11 p. |
| 47251105 | Wyatt-Evans, C.; Zajac, M. (2007) Efficacy Data Supporting Optiguard ZT (Platinum) on Carpenter Bee: Thiamethoxam: Final Report. Project Number: T000797/07. Unpublished study prepared by Syngenta Crop Protection Inc. 8 p. |
| 47579702 | Zajac, M.; Lovelace, K. (2008) Data Supporting A16423 and A16424 Efficacy and Rainfastness - Final Report: Thiamethoxam. Project Number: T007599/08, KPL03A4/2008US, USVI0I232008. Unpublished study prepared by Syngenta Crop Protection, Inc. 9 p. |
| 47715201 | Zajac, M. (2009) Thiamethoxam: Efficacy of Indoor Baiting on Carpenter Ant: Final Report. Project Number: T002177/07. Unpublished study prepared by Syngenta Crop Protection, Inc. 7 p. |
| 47915201 | Whaley, S. (2009) Agita 1GB Fly Bait: Overall Summary of Product Performance Data: (Musca domestica). Unpublished study prepared by Novartis Animal Health US, Inc. 6 p. |
| 47915202 | Kristensen, M. ; Jespersen, J. (2001) Speed of Action of Thiamethoxam and Azamethiphos in the Housefly Musca domestica. Project Number: 2/2000/VER/2. Unpublished study prepared by Danish Pest Infestation Laboratory. 13 p. |
| 47915204 | Gfeller, F.; Moyses, E. (2000) Comparison of 1 GB Formulation of Thiamethoxam, Azamethiphos and Methomyl in a Laboratory Bioassay with Musca domestica. Project Number: IDL/632. Unpublished study prepared by Novartis Animal Health US, Inc. 26 p. |
| 47915205 | Gfeller, F. (2001) Palatability, Attractiveness and Efficacy Laboratory Tests in M. domestica Using a New AGITA Granular Formulation (Placebo - Batch 709/2001). Project Number: LP/644, IDL681. Unpublished study prepared by Novartis Animal Health US, Inc. 30 p. |
| 47915206 | Geissler, A.; Hyman, W.; Ludick, L. (2003) A Placebo-Controlled Field Study to Confirmed Insecticide Efficacy in Fly Control of a Scatter Bait Containing Thiamethoxam (CGA 293343 1GB) in Poultry Houses. Project Number: AGIGBRSA/102. Unpublished study prepared by Novartis Animal Health US, Inc. 82 p. |
| 47915207 | Kristensen, M.; Knorr, M.; Jespersen, J. (2002) Susceptibility to Thiamethoxam in Danish Field Populations of Houseflies (Musca domestica). Project Number: 01/2001. Unpublished study prepared by Danish Pest Infestation Laboratory. 32 p. |
| 47915401 | Whaley, S. (2009) Agita 10 WG: Overall Summary of Product Performance Data. Unpublished study prepared by Novartis Animal Health US, Inc. 7 p. |
| 47915402 | Moyses, E. ; Gfeller, F. (1994) CGA 293343: Topical and Oral Activity Against Musca domestica and Blattella germicacia. Project Number: 449. Unpublished study prepared by CIBA-GEIGY Limited. 29 p. |
| 47915403 | Moyses, E. ; Gfeller, F. (1997) CGA 293343: Comparison of Formulation Variants with Commercial Standards in Local Field Tests Against Flies. Project Number: 560. Unpublished study prepared by CIBA-GEIGY Limited. 30 p. |
| 47915404 | Moyses, E. ; Gfeller, F. (1997) CGA 293343 WG 10: Efficacy as a Paint-On Bait in a Room Against Musca domestica (Standard: Alfacron Plus). Project Number: 562. Unpublished study prepared by CIBA-GEIGY Limited. 21 p. |
| 47915405 | Heng, Y. (1998) Field Efficacy of MF 1846 (WG 10) and Alfacron (WP 10) against house fly (Musca domestica). Unpublished study prepared by Universiti Sains Malaysia. 15 p. |
| 47915406 | Knorr, M. ; Kristensen, M. ; Jespersen, J. (2001) Efficacy of Agita 10WG against the Housefly Musca domestica When Applied under Field Conditions as Paint-On Bait. Project Number: 08/2001. Unpublished study prepared by Danish Pest Infestation Laboratory. 42 p. |
| 47915407 | Rossger, W. (2002) Use of Thiamethoxam and Azamethiphos to Control Alphitobius diaperinus (Coleoptera, Tenebrionidae) in Broiler Farms. Unpublished study prepared by Sao Paulo State University. 15 p. |
| 47915408 | Greyling, D. (2004) The Use of Two Pyrethroids and A Neonicotinoid Based Agents for the Control of Alphitobius diaperinus in Poultry Houses. Prepared by Tech Vet Laboratory. 63 p. |
| 47915409 | Knorr, M.; Kristensen, M. ; Skovgard, H. ; et al. (2006) Field Evaluation of Agita 10WG Compared to QuickBayt 10WG When Applied as Paint-On Bait for Control of the Housefly Musca domestica. Project Number: 03/2006. Unpublished study prepared by Danish Pest Infestation Laboratory. 24 p. |
| 47915410 | Monteys, V.; Vidal, J. (2007) Efficacy of Agita and QuickBayt Adulticides for Controlling Summer Populations of the House Fly (Musca domestica) in a Commercial Pig Farm in Catalonia (Spain). Unpublished study prepared by Barcelona University. 72 p. |
| 48908301 | Cartwright, B. (2012) Lambda Cyhalothrin and Thiamethoxam: Efficacy Data Supporting Tandem (A18484A) for Control of Bark Scorpions (Centruroides sculpturatas) and a Summary of Data Bridging Tandem Efficacy to Demand CS Efficacy: Final Report. Project Number: TK0129984. Unpublished study prepared by Syngenta Crop Protection, LLC. 34p. |
| 48908302 | Cartwright, B. (2012) Lambda Cyhalothrin and Thiamethoxam: Efficacy Data Supporting Tandem for Control of Bed Bug (Cimex lectularius): Final Report. Project Number: TK0129985. Unpublished study prepared by Syngenta Crop Protection, Inc. 161p. |
| 49557401 | Cartwright, B. (2015) Lambda-cyhalothrin and Thiamethoxam (A18484A) - Summary of Data to Support Claim of Control of Scorpions with Tandem (Lambda-cyhalothrin + Thiamethoxam) Insecticide: Final Report. Project Number: TK0154229, SYN11/3, PMP2011/02. Unpublished study prepared by Syngenta Crop Protection, LLC. 72p. |

### 810.3600       Structural treatments

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45835501 | Hott, J.; Cartwright, B.; Scherer, C. (2002) Thiamethoxam Professional 2SC Efficacy Report: Final Report: Lab Project Number: 1660-00. Unpublished study prepared by Syngenta Crop Protection, Inc. 35 p. |
| 46051901 | Cartwight, B.; Rust, M.; Lewis, V. (2003) Thiamethoxam Professional 2 SC Efficacy Report. Project Number: 1660/00. Unpublished study prepared by Syngenta Crop Protection, Inc. 27 p. |
| 46237401 | Meyers, R. (2004) Thiamethoxam 2SC: Testing Against Drywood Termites in Florida Structures: Final Report. Project Number: T010008/04. Unpublished study prepared by RJM Contracting, Inc. 8 p. |
| 46632601 | Nicholas, D. (2005) Evaluation of Janssen Formulations in a Field Stake Test: Interim Report: 3-Year Evaluation: R102622, R170051. Project Number: PPD/38, E7/01, E7/03. Unpublished study prepared by Mississippi State University. 129 p. |
| 47251106 | Zajac, M. (2007) Efficacy Data Supporting Thiamethoxam on Subterranean Termite: Thiamethoxam: Interim Report. Project Number: T000273/02, FS/SRS/4502/00/4/240, 4510. Unpublished study prepared by Syngenta Crop Protection Inc. 9 p. |
| 49980401 | Cartwright, B. (2016) Chlorantraniliprole & Thiamethoxam: Chlorantraniliprole and Thiamethoxam (A15452C) - Summary of Data to Support Claim of Control of Subterranean Termites, Drywood Termites, and Wood-Destroying Insects With A15452 Termiticide. Project Number: TK0278558, SYN/PDB2013/2654/5, PRO/2013/TSBC04. Unpublished study prepared by Syngenta Crop Protection, LLC. 245p. |
| 50266501 | Meyers, R.; Cartwright, B.; Long, C. (2017) Field Performance of A15452C Termiticide as a Wood Treatment Product for Strucutal Protection against Subterranean Termites. Project Number: PPMU17301, ICH910A4/2017US. Unpublished study prepared by Syngenta Crop Protection, LLC. 11p. |
| 50836201 | Cartwright, B. (2019) Chlorantraniliprole and Thiamethoxam (A15452C) - Summary of Efficacy Data to Support Claim of Control and Structural Protection after Soil Application of Pitore Wood Treatment:Summary. Project Number: TK0517142. Unpublished study prepared by Syngenta Crop Protection, LLC. 59p. |
| 50836301 | Cartwright, B. (2019) Thiamethoxam and Chlorantraniliprole SC (A15452C) Field Testing Program for Pitore Wood Treatment Termiticide as a Pre-construction Application to Residential Homes for Termite Prevention. Project Number: TK0469673. Unpublished study prepared by Syngenta Crop Protection. 69p. |
| 50957901 | Cartwright, B. (2019) Chlorantraniliprole and Thiamethoxam (A15452C) Summary of Efficacy Data to Support claim of Control and Structural Protection After Soil Application of Pitore Liquid Treatment. Project Number: TK0517142. Unpublished Study Prepared by Syngenta Crop Protection, Inc. 59p. |

### 830.1000       Background for product properties test guidelines

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 49120101 | Hipps, A. (2013) Thiamethoxam/Difenoconazole/Metalaxyl-M(Mefenoxam)/Fludioxinil/Sedaxane: A20477A/ Document J: Product Chemistry Volume. Project Number: TK0068469 PC.13.029. Unpublished study prepared by Syngenta Crop Protection, LLC. 23p. |
| 49120102 | Hipps, A. (2013) Thiamethoxam/ Difenoconazole/Metalaxyl-M (Mefenoxam)/ Fludioxonil/Sedaxane: A20477A- Document MIII, Section 1: Product Chemistry Volume. Project Number: TK0068469, PC/13/026. Unpublished study prepared by Syngenta Crop Protection, LLC. 33p. |
| 49120103 | Hipps, A. (2013) Thiamethoxam/Difenoconazole/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxane: A20477A Document MIII, Section 2: Product Chemistry Volume. Project Number: TK0068469, PC/13/027. Unpublished study prepared by Syngenta Crop Protection, LLC. 8p. |
| 49120105 | Hipps, A. (2013) Thiamethoxam/Difenoconazole/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxane: A20477A Physical and Chemical Properties: Product Chemistry Volume. Project Number: TK0068469, PC/13/028. Unpublished study prepared by Syngenta Crop Protection, LLC. 70p. |

### 830.1550       Product Identity and composition

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46016907 | Hipps, A. (2003) Manufacturing Process Description and Supporting Data for CGA173506/CGA293343/CGA329351 328 FS (A13641B). Project Number: PC/03/0325, AF/1492/1, 2872161. Unpublished study prepared by Syngenta Crop Protection, Inc. 193 p. |
| 46030901 | Sparrow, K. (2003) Manufacturing Process Description and Supporting Data for Thiamethoxam Technical (CGA293343). Project Number: PC/03/055, SA/1/1. Unpublished study prepared by Syngenta Crop Protection, Inc. 200 p. |
| 46308301 | Schilling, W. (2004) Manufacturing Process Description and Supporting Data for Fludioxonil/Thiamethoxam/Mefenoxam/Azoxystrobin FS (A14115A). Project Number: PC/04/021, T008912/03. Unpublished study prepared by Syngenta Crop Protection, Inc. 207 p. |
| 46412801 | Schilling, W. (2004) Manufacturing Process Description and Supporting Data for Thiamethoxam FS (600) (A9765N). Project Number: PC/04/091, SF/60/1. Unpublished study prepared by Syngenta Crop Protection, Inc. 238 p. |
| 46709001 | Schilling, W. (2005) Fludioxonil/Thiamethoxam/Mefenoxam FS (012.7/255019.2)(A14379B); (CruiserMaxx): Manufacturing Process Description and Supporting Data for Fludioxonil/Thiamethoxam/Mefenoxam FS (0.12.7/255.5/019.2)(A14379B); (CruiserMaxx). Project Number: PC/05/046, SF/111/1. Unpublished study prepared by Syngenta Crop Protection. 270 p. |
| 46716301 | Brady, M. (2005) CruiserMaxx Potato Insecticide and Fungicide (A14382A): Manufacturing Process Description and Supporting Data for CruiserMaxx Potato Insecticide and Fungicide (A14382A). Project Number: PC/05/048, SF/117/1. Unpublished study prepared by Syngenta Crop Protection, Inc. 253 p. |
| 46948102 | Phelps, L. (2006) Thiamethoxam RB (0.01)(A15236a): Manufacturing Process Description and Supporting Data for A15236A. Project Number: PC/06/092. Unpublished study prepared by Syngenta Crop Protection, Inc. 88 p. |
| 46948701 | Phelps, L. (2006) Manufacturing Process Description and Supporting Data for A15277A: (Final Report). Project Number: PC/06/094, 10099018/DOC, T001627/06. Unpublished study prepared by Syngenta Crop Protection, Inc. 84 p. |
| 47092501 | Schilling, W. (2006) Manufacturing Process Description and Supporting Data: Fludioxonil/Thiamethoxam/Mefanoxam SE (012/240/8/035/9) (A14909E): [also referred to in this volume as CGA173506/CGA293343/CGA329351 SE (012/240/8/035/9)]. Project Number: PC/06/130, SF/174/1, T003293/06. Unpublished study prepared by Syngenta Crop Protection Inc. 368 p. |
| 47111701 | Phelps, L. (2007) Manufacturing Process Description and Supporting Data for Thiamethoxam GR (0.33) (A12195E). Project Number: PC/07/021, SF/183/1, 21139. Unpublished study prepared by Syngenta Crop Protection, Inc. 73 p. |
| 47111801 | Phelps, L. (2007) Manufacturing Process Description and Supporting Data For Thiamethoxam GR (0.22) (A11859G). Project Number: PC/07/023. Unpublished study prepared by Syngenta Crop Protection, Inc. 73 p. |
| 47176501 | Sparrow, K (2007) Manufacturing Process Description and Supporting Data for Thiamethoxam SG (75) (A9549C). Project Number: PC/07/017, 116858, 10120766. Unpublished study prepared by Syngenta Crop Protection. 151 p. |
| 47234701 | Phelps, L. (2007) Manufacturing Process Description and Supporting Data for Thiamethoxam/Lambda-cyhalothrin GR (A15008B). Project Number: PC/07/055, T001477/07, 10288703/DOC. Unpublished study prepared by Syngenta Crop Protection. 72 p. |
| 47246701 | Schilling, W. (2007) Manufacturing Process Description and Supporting Data for Difenoconazole/Thiamethoxam/Mefenoxam FS (A15424B). Project Number: PC/07/053. Unpublished study prepared by Syngenta Crop Protection, Inc. 452 p. |
| 47420901 | Sparrow, K. (2007) Thiamethoxam/ Chlorantraniliprole SC (200/100) (A15452B): Manufacturing Process Description and Supporting Data for Thiamethoxam/ Chlorantraniliprole SC (200/100) (A15452B). Project Number: PC/07/032, 116727. Unpublished study prepared by Syngenta Crop Protection. 322 p. |
| 47424101 | Sparrow, K. (2007) Thiamethoxam/ Chlorantraniliprole WG (20/20) (A15645A): Manufacturing Process Description and Supporting Data for Thiamethoxam/ Chlorantraniliprole WG (20/20) (A15645A). Project Number: PC/07/034, SF/210/1, 117172. Unpublished study prepared by Syngenta Crop Protection, Inc. 201 p. |
| 47424301 | Schilling, W. (2007) Thiamethoxam/ Abamectin FS (A16115A): Manufacturing Process and Supporting Data for Thiamethoxam/ Abamectin FS (A16115A). Project Number: PC/07/106, SF/250/1, 10338410. Unpublished study prepared by Syngenta Crop Protection, Inc. 345 p. |
| 47579601 | Sparrow, K. (2008) Lambda Cyhalothrin/Thiamethoxam ME (A16424B)-Manufacturing Process Description and Supporting Data. Project Number: PC/08/036. Unpublished study prepared by Syngenta Crop Protection. 290 p. |
| 47579703 | Sparrow, K. (2008) Lambda Cyhalothrin/Thiamethoxam ME (A16423B)-Manufacturing Process Description and Supporting Data - PC Volume. Project Number: PC/08/034, 10361915/DOC, T0011538/08. Unpublished study prepared by Syngenta Crop Protection, Inc. 289 p. |
| 47618401 | Sparrow, K. (2007) Manufacturing Process Description and Supporting Data for Thiamethoxam GR (.2) (A16245A): (Meridian 0.20 G). Project Number: PC/07/091, SF/247/1, 112926/00/8. Unpublished study prepared by Syngenta Crop Protection, Inc. 121 p. |
| 47642002 | Sparrow, K. (2007) Manufacturing Process Description and Supporting Data for Thiamethoxam GR (.14) (A16244A). Project Number: 10326407/DOC, PC/07/089, SF/246/1. Unpublished study prepared by Syngenta Crop Protection. 121 p. |
| 47702701 | Irrig, H. (2009) Thiamethoxam/Abamectin SC (A15543C) - Manufacturing Process Description and Supporting Data. Project Number: PC/08/069, 140/X, BE130. Unpublished study prepared by Syngenta Crop Protection, Inc. 434 p. |
| 47722901 | Irrig, H. (2009) Abamectin/Thiamethoxam FS (A17015A) - Manufacturing Process Description and Supporting Data. Project Number: PC/09/029, 10375345/DOC, T007335/08. Unpublished study prepared by Syngenta Crop Protection, Inc. 444 p. |
| 47914901 | Sparrow, K. (2009) Thiamethoxam Technical (CGA293343) - Manufacturing Process Description and Supporting Data: Addendum to MRID 46030901: Final Report. Project Number: PC/09/053, 120030, 10394440/DOC. Unpublished study prepared by Syngenta Crop Protection, Inc. 37 p. |
| 47915208 | Whaley, S. (2009) Agita 1GB Fly Bait: Product Identity and Composition. Unpublished study prepared by Novartis Animal Health US, Inc. 64 p. |
| 47915411 | Whaley, S. (2009) Agita 10 WG: Product Identity and Composition. Unpublished study prepared by Novartis Animal Health US, Inc. 70 p. |
| 47919802 | Stulz, J. (2010) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane FS (036.9/030.7/009/5/008) (A17511B) - Document J: Confidential Information. Project Number: A17511B/10004/OCR, PC/10/042, A17511B/10004. Unpublished study prepared by Syngenta Crop Protection, Inc. 21 p. |
| 47934701 | Sparrow, K. (2009) Difenoconazole/ Thiamethoxam/ Lambda Cyhalothrin ME RTU: Manufacturing Process Description and Supporting Data. Project Number: PC/09/093. Unpublished study prepared by Syngenta Crop Protection, Inc. 248 p. |
| 47934902 | Sparrow, K. (2009) Difenoconazole/Thiamethoxam/Lambda Cyhalothrin ME Concentrate (A17571B) - Manufacturing Process Description and Supporting Data: PC Volume. Project Number: PC/09/091. Unpublished study prepared by Syngenta Crop Protection, Inc. 248 p. |
| 47962501 | Hipps, A. (2010) Thiamethoxam, Fludioxonil, Azoxystrobin, Mefenoxam: Cruiser Maxx Rice (A17469B): Manufacturing Process, Description and Supporting Data. Project Number: PC/10/006, TK0016136. Unpublished study prepared by Syngenta Crop Protection, Inc. 339 p. |
| 47973301 | Sparrow, K. (2010) Thiamethoxam RB (.003) (A14116A): Manufacturing Process Description and Supporting Data. Project Number: PC/10/001/OCR, A14116A/50005. Unpublished study prepared by Syngenta Crop Protection, Inc. 50 p. |
| 48081701 | Hipps, A. (2010) Thiamethoxam/Fludioxonil/Mefenoxam/Azoxystrobin FS (A18046A): Manufacturing Process Description and Supporting Data. Project Number: PC/10/056/OCR, TK0025137. Unpublished study prepared by Syngenta Crop Protection, Inc. 331 p. |
| 48166104 | Goodwine, W. (2010) Composition of the Custom Blend Lag 2006 013 Containing Xamox 10 TK and Evipol 10 TK. Unpublished study prepared by Janssen PMP. 7 p. |
| 48300801 | Hipps, A. (2006) Abamectin/Thiamethoxam/Thiabendazole/Fludioxonil/Mefenoxam/Azoxystrobin: Activa Complete Corn 500 Premix (A18043A) - Manufacturing Process Description and Supporting Data. Project Number: PC/10/078. Unpublished study prepared by Syngenta Crop Protection, Inc. 280 p. |
| 48342602 | Hipps, A. (2010) Avicta Complete Corn 250 Premix (A18112D) - Manufacturing Process Description and Supporting Data. Project Number: PC/10/100, 10436171/DOC/OCR, TK0028457. Unpublished study prepared by Syngenta Crop Protection, Inc. 288 p. |
| 48381501 | Sparrow, K. (2011) Azoxystrobin/Thiamethoxam GR (A18445A) - Manufacturing Process Description and Supporting Data. Project Number: PC/11/017/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 96 p. |
| 48491901 | Hipps, A. (2011) Cruiser Maxx + Thiabendazole (A18212C) - Manufacturing Process Description and Supporting Data. Project Number: PC/11/033/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 208 p. |
| 48506801 | Hipps, A. (2011) CruiserMaxx Potato Extreme (A18232A): Manufacturing Process Description and Supporting Data. Project Number: PC/11/042/OCR, TK0056217. Unpublished study prepared by Syngenta Crop Protection, LLC. 244 p. |
| 48540901 | Hipps, A. (2011) Thiamethoxam, Mefenoxam, Fludioxonil: THX/MXM/FDL Colorless (A18901A) - Manufacturing Process Description and Supporting Data. Project Number: PC/11/044, PC/11/044/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 267p. |
| 48579701 | Sparrow, K. (2011) Lambda-Cyhalothrin/Thiamethoxam SC (A18484A) - Manufacturing Process Description and Supporting Data. Project Number: PC/11/015/OCR, TK0053840, 10448255/DOC. Unpublished study prepared by Syngenta Crop Protection, LLC. 123p. |
| 48644001 | Hipps, A. (2011) Dynasty PD + Thiamethoxam (A17461A) - Manufacturing Process Description and Supporting Data. Project Number: PC/11/029, PC/11/029/OCR, SF/439/1. Unpublished study prepared by Syngenta Crop Protection, LLC. 146p. |
| 48667602 | Sparrow, K. (2011) Abamectin/Thiamethoxam SC (A15913B) - Manufacturing Process Description and Supporting Data. Project Number: PC/11/054/OCR 10343592/DOC 10371320/DOC. Unpublished study prepared by Syngenta Crop Protection, LLC. 182p. |
| 48682401 | Hipps, A. (2012) Adage Deluxe (A19092D) - Manufacturing Process Description and Supporting Data. Project Number: PC/12/005/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 256p. |
| 48682501 | Hipps, A. (2012) Adage Premier (A19093D) - Manufacturing Process Description and Supporting Data. Project Number: PC/12/007/OCR, SF/535/1. Unpublished study prepared by Syngenta Crop Protection, LLC. 267p. |
| 48758401 | Hipps, A. (2012) SYT0113 (A19511A) - Manufacturing Process Description and Supporting Data. Project Number: PC/12/052/OCR, SF/536/1. Unpublished study prepared by Syngenta Crop Protection, LLC. 263p. |
| 48836001 | Hipps, A. (2012) Avicta Complete Beans 500 (A19409A) - Manufacturing Process Description and Supporting Data. Project Number: PC/12/026/OCR, SF/558/1. Unpublished study prepared by Syngenta Crop Protection, LLC. 262p. |
| 48836201 | Hipps, A. (2012) CruiserMaxx Supreme (A19094D) - Manufacturing Process Description and Supporting Data. Project Number: PC/12/009. Unpublished study prepared by Syngenta Crop Protection, LLC. 256p. |
| 48836401 | Sparrow, K. (2011) Lambda Cyhalothrin/Thiamethoxam ZC (A18481A) - Manufacturing Process Description and Supporting Data. Project Number: PC/11/019/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 151p. |
| 49070404 | Hipps, A. (2013) Thiamethoxam/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxane FS (A19997A) - Document J: Confidential Business Information. Project Number: PC/13/018/OCR. Unpublished study prepared by Syngenta Crop Protection. 22p. |
| 49120201 | Hipps, A. (2013) Thiamethoxam/Difenoconazole/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxan: A20307A - Document J: Product Chemistry: (Group A). Project Number: TK0067821/OCR, PC/13/057. Unpublished study prepared by Syngenta Crop Protection, LLC. 25p. |
| 49120202 | Hipps, A. (2013) Thiamethoxam/Difenoconazole/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxan: A20307A - Document MIII, Section 1: Product Chemistry. Project Number: TK0067821/OCR, PC/13/054. Unpublished study prepared by Syngenta Crop Protection, LLC. 37p. |
| 49269101 | Hipps, A. (2013) Difenoconazole/Thiamethoxam/Lambda Cyhlothrin ME RTU (A17570B) - Manufacturing Process Description and Supporting Data: Product Chemistry Volume. Project Number: PC/13/078. Unpublished study prepared by Syngenta Crop Protection, LLC. 47p. |
| 49282701 | Hipps, A. (2014) Abamectin/Thiamethoxam FS (A20703C) - Manufacturing Process Description and Supporting Data. Project Number: PC/14/012, SF/664/1, TK0193415. Unpublished study prepared by Syngenta Crop Protection, LLC. 221p. |
| 49283002 | Hipps, A. (2014) Thiamethoxam/Fludioxonil/Difenoconazole/Sedaxane: A20588A - Document J: Product Chemistry Volume. Project Number: TK0068469, PC/14/005. Unpublished study prepared by Syngenta Crop Protection, LLC. 24p. |
| 49283014 | Hipps, A. (2014) Thiamethoxam/Fludioxonil/Difenoconazole/Sedaxane: A20588A - Document MIII, Section 1: Product Chemistry Volume. Project Number: TK0068469, PC/14/003. Unpublished study prepared by Syngenta Crop Protection, LLC. 32p. |
| 49326101 | Heuser, J. (2014) Lambda-cyhalothrin/Azoxystrobin/Propiconazole/Thiamethoxam ZE (A20007C) - Manufacturing Process Description and Supporting Data. Project Number: TK0215134, PC/13/087, TK0215129. Unpublished study prepared by Syngenta Crop Protection, LLC. 207p. |
| 49383901 | Birchett, J. (2014) Thiamethoxam/Mefenoxam/Fludioxonil/Thiabendazole/Sedaxane FS (A21073A) - Manufacturing Process Description and Supporting Data. Project Number: TK0224811, PC/14/033, 10547306. Unpublished study prepared by Syngenta Crop Protection, LLC. 243p. |
| 49524306 | Hipps, A. (2015) Thiamethoxam/Metalaxyl-M and S-isomer (Mefenoxam)/Fludioxonil/Thiabendazole/Sedaxane: A21174B - Document J - Product Chemistry Volume. Project Number: TK0149603, PC/15/004. Unpublished study prepared by Syngenta Crop Protection, LLC. 25p. |
| 49524315 | Hipps, A. (2015) Thiamethoxam/Metalaxyl-M and S-isomer (Mefenoxam)/Fludioxonil/Thiabendazole/Sedaxane: A21174B - Document MIII, Section 1. Project Number: TK0149603, PC/15/001, PC/15/003. Unpublished study prepared by Syngenta Crop Protection, LLC. 34p. |
| 49524401 | Hipps, A. (2015) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane/Gibberellin A4/A7/Indolebutyric acid/Kinetin FS (A21185B) - Manufacturing Process Description and Supporting Data - PC Volume. Project Number: TK0067181, PC/15/006, USGR141551. Unpublished study prepared by Syngenta Crop Protection, LLC. 313p. |
| 49712202 | Hipps, A. (2015) A20903A - Document J - Product Chemistry Volume - Confidential Information. Project Number: PC/15/092. Unpublished study prepared by Syngenta Crop Protection, LLC. 18p. |
| 49712212 | Hipps, A. (2015) A20903A - Document MIII Section 1: Product Chemistry Volume. Project Number: PC/15/090. Unpublished study prepared by Syngenta Crop Protection, LLC. 33p. |
| 49713101 | Hipps, A. (2015) Pasteuria Nishizawae/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21324J - Document J, Product Chemistry Volume. Project Number: TK0201751, PC/15/071. Unpublished study prepared by Syngenta Crop Protection, LLC. 23p. |
| 49713115 | Hipps, A.; Phelps, L. (2015) Pasteuria Nishizawae/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21324J - Document MIII, Section 1, Product Chemistry Volume. Project Number: TK0201751, PC/15/069. Unpublished study prepared by Syngenta Crop Protection, LLC. 31p. |
| 49980501 | Phelps, L. (2016) Pasteuria nishizawae, PN1/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21988B - Document J: Product Chemistry Volume. Project Number: TK0287649, PC/16/094. Unpublished study prepared by Syngenta Crop Protection, LLC. 21p. |
| 49980509 | Hipps, A.; Phelps, L. (2016) Pasteuria nishizawae, Pn1/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21988B - Document MIII, Section 1: Product Chemistry Volume. Project Number: TK0287649, PC/16/092, PC/16/095. Unpublished study prepared by Syngenta Crop Protection, LLC. 31p. |
| 49984001 | O'Brien, L. (2016) Determination of Physical & Chemical Characteristics of F4189-1. Project Number: 2016PCP/THI2519, 00111, AP2016/006. Unpublished study prepared by Symbiotic Research, LLC. 226p. |
| 50424101 | Sparrow, K. (2017) A22353A - Document J: Product Chemistry Volume. Project Number: TK0236551, PC/17/059. Unpublished study prepared by Syngenta Crop Protection, LLC. 19p. |
| 50424115 | Sparrow, K. (2017) A22353A - Document MIII, Section 1: Product Chemistry Volume. Project Number: TK0236551, PC/17/061. Unpublished study prepared by Syngenta Crop Protection, LLC. 29p. |
| 50588201 | Hipps, A. (2018) A22388B - Document J - Product Chemistry Volume. Project Number: PC/18/062. Unpublished study prepared by Syngenta Crop Protection, LLC. 20p. |
| 50588215 | Hipps, A. (2018) A22388B - Document MIII, Section 1 - Product Chemistry Volume. Project Number: PC/18/060. Unpublished study prepared by Syngenta Crop Protection, LLC. 26p. |
| 51030001 | Shultz, K. (2019) Sharda Thiamethoxam Technical: Product Identity and Composition, Description of Materials, Manufacturing Process, Discussion of Formation and Toxicity of Impurities and Certified Limits. Unpublished study prepared by Sharda Cropchem Limited. 65p. |
| 51049101 | Shultz, K. (2020) Sharda Thiamethoxam 25% WDG: Product Identity and Composition, Description of Materials, Description of the Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis and Certified Limits. Unpublished study prepared by Sharda USA LLC. 36p. |
| 51134201 | Shultz, K. (2020) Sharda Thiamethoxam 40% WDG: Product Identity and Composition, Description of Materials, Description of the Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis and Certified Limits. Unpublished study prepared by Sharda USA LLC. 68p. |
| 51199401 | Shultz, K. (2020) Sharda Thiamethoxam Technical: Product Identity and Composition, Description of Materials, Manufacturing Process, Discussion of Formation and Toxicity of Impurities and Certified Limits. Unpublished study prepared by Sharda Cropchem Limited. 50p. |
| 51208501 | Shultz, K. (2020) Sharda Thiamethoxam 75% SG Product Identity and Composition, Description of Materials, Description of the Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis and Certified Limits. Unpublished study prepared by Sharda USA, LLC. 55p. |
| 51221101 | Hardie, R. (2020) Sharda Thiamethoxam 12.6% + Lambda 9.48% SC; ABN: Spiderman Product Identity and Composition, Description of Materials, Description of the Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis and Certified Limits. Unpublished study prepared by Sharda USA, LLC. 109p. |
| 51229001 | Hipps, A.; Sparrow, K. (2021) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane/Isocycloseram A23273A - Manufacturing Process Description and Supporting Data Product Chemistry Volume. Project Number: PC/21/031. Unpublished study prepared by Syngenta Crop Protection, LLC. 318p. |
| 51229101 | Sparrow, K.; Hipps, A. (2021) A23250A ¿ Manufacturing Process Description and Supporting Data: Product Chemistry Volume. Project Number: PC/21/033. Unpublished study prepared by Syngenta Crop Protection, LLC. 346p. |
| 51288401 | Hipps, A. (2021) Picarbutrazox/Fludioxonil/Thiamethoxam/Metalaxyl-M & SIsomer/Sedaxane A23240B: Manufacturing Process Description and Supporting Data Product Chemistry Volume. Project Number: PC/20/056. Unpublished study prepared by Syngenta Crop Protection, LLC. 352p. |
| 51289301 | Morrow, E. (2021) Thiamethoxam Technical (CGA293343) - Manufacturing Process Description and Supporting Data. Project Number: PC/21/041. Unpublished study prepared by Selvita S.A. and Syngenta Crop Protection Muenchwilen AG. 654p. |
| 51438801 | Pastor, K. (2021) Thiamethoxam Technical: Summary of OCSPP 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/02S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51438802 | Pastor, K. (2021) Thiamethoxam Technical: Product Identity and Composition. Project Number: ALB21/02. Unpublished study prepared by Albaugh, LLC. 66p. |
| 51625701 | Pastor, K. (2021) ST Premix IPZ-4: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/12S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625702 | Pastor, K. (2021) Albaugh IPZ-4: Product Identity and Composition. Project Number: ALB21/12. Unpublished study prepared by Albaugh, LLC. 152p. |
| 51625801 | Pastor, K. (2021) Thiamethoxam 5L: Summary of OPPTS Series Product Properties Test Guidelines. Project Number: ALB21/13S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625802 | Pastor, K. (2021) Thiamethoxam 5L: Product Identity and Composition. Project Number: ALB21/13. Unpublished study prepared by Albaugh, LLC. 107p. |

### 830.1600       Description of materials used to produce the product

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46016907 | Hipps, A. (2003) Manufacturing Process Description and Supporting Data for CGA173506/CGA293343/CGA329351 328 FS (A13641B). Project Number: PC/03/0325, AF/1492/1, 2872161. Unpublished study prepared by Syngenta Crop Protection, Inc. 193 p. |
| 46030901 | Sparrow, K. (2003) Manufacturing Process Description and Supporting Data for Thiamethoxam Technical (CGA293343). Project Number: PC/03/055, SA/1/1. Unpublished study prepared by Syngenta Crop Protection, Inc. 200 p. |
| 46308301 | Schilling, W. (2004) Manufacturing Process Description and Supporting Data for Fludioxonil/Thiamethoxam/Mefenoxam/Azoxystrobin FS (A14115A). Project Number: PC/04/021, T008912/03. Unpublished study prepared by Syngenta Crop Protection, Inc. 207 p. |
| 46412801 | Schilling, W. (2004) Manufacturing Process Description and Supporting Data for Thiamethoxam FS (600) (A9765N). Project Number: PC/04/091, SF/60/1. Unpublished study prepared by Syngenta Crop Protection, Inc. 238 p. |
| 46709001 | Schilling, W. (2005) Fludioxonil/Thiamethoxam/Mefenoxam FS (012.7/255019.2)(A14379B); (CruiserMaxx): Manufacturing Process Description and Supporting Data for Fludioxonil/Thiamethoxam/Mefenoxam FS (0.12.7/255.5/019.2)(A14379B); (CruiserMaxx). Project Number: PC/05/046, SF/111/1. Unpublished study prepared by Syngenta Crop Protection. 270 p. |
| 46716301 | Brady, M. (2005) CruiserMaxx Potato Insecticide and Fungicide (A14382A): Manufacturing Process Description and Supporting Data for CruiserMaxx Potato Insecticide and Fungicide (A14382A). Project Number: PC/05/048, SF/117/1. Unpublished study prepared by Syngenta Crop Protection, Inc. 253 p. |
| 46948102 | Phelps, L. (2006) Thiamethoxam RB (0.01)(A15236a): Manufacturing Process Description and Supporting Data for A15236A. Project Number: PC/06/092. Unpublished study prepared by Syngenta Crop Protection, Inc. 88 p. |
| 46948701 | Phelps, L. (2006) Manufacturing Process Description and Supporting Data for A15277A: (Final Report). Project Number: PC/06/094, 10099018/DOC, T001627/06. Unpublished study prepared by Syngenta Crop Protection, Inc. 84 p. |
| 47092501 | Schilling, W. (2006) Manufacturing Process Description and Supporting Data: Fludioxonil/Thiamethoxam/Mefanoxam SE (012/240/8/035/9) (A14909E): [also referred to in this volume as CGA173506/CGA293343/CGA329351 SE (012/240/8/035/9)]. Project Number: PC/06/130, SF/174/1, T003293/06. Unpublished study prepared by Syngenta Crop Protection Inc. 368 p. |
| 47111701 | Phelps, L. (2007) Manufacturing Process Description and Supporting Data for Thiamethoxam GR (0.33) (A12195E). Project Number: PC/07/021, SF/183/1, 21139. Unpublished study prepared by Syngenta Crop Protection, Inc. 73 p. |
| 47111801 | Phelps, L. (2007) Manufacturing Process Description and Supporting Data For Thiamethoxam GR (0.22) (A11859G). Project Number: PC/07/023. Unpublished study prepared by Syngenta Crop Protection, Inc. 73 p. |
| 47176501 | Sparrow, K (2007) Manufacturing Process Description and Supporting Data for Thiamethoxam SG (75) (A9549C). Project Number: PC/07/017, 116858, 10120766. Unpublished study prepared by Syngenta Crop Protection. 151 p. |
| 47234701 | Phelps, L. (2007) Manufacturing Process Description and Supporting Data for Thiamethoxam/Lambda-cyhalothrin GR (A15008B). Project Number: PC/07/055, T001477/07, 10288703/DOC. Unpublished study prepared by Syngenta Crop Protection. 72 p. |
| 47246701 | Schilling, W. (2007) Manufacturing Process Description and Supporting Data for Difenoconazole/Thiamethoxam/Mefenoxam FS (A15424B). Project Number: PC/07/053. Unpublished study prepared by Syngenta Crop Protection, Inc. 452 p. |
| 47420901 | Sparrow, K. (2007) Thiamethoxam/ Chlorantraniliprole SC (200/100) (A15452B): Manufacturing Process Description and Supporting Data for Thiamethoxam/ Chlorantraniliprole SC (200/100) (A15452B). Project Number: PC/07/032, 116727. Unpublished study prepared by Syngenta Crop Protection. 322 p. |
| 47424101 | Sparrow, K. (2007) Thiamethoxam/ Chlorantraniliprole WG (20/20) (A15645A): Manufacturing Process Description and Supporting Data for Thiamethoxam/ Chlorantraniliprole WG (20/20) (A15645A). Project Number: PC/07/034, SF/210/1, 117172. Unpublished study prepared by Syngenta Crop Protection, Inc. 201 p. |
| 47424301 | Schilling, W. (2007) Thiamethoxam/ Abamectin FS (A16115A): Manufacturing Process and Supporting Data for Thiamethoxam/ Abamectin FS (A16115A). Project Number: PC/07/106, SF/250/1, 10338410. Unpublished study prepared by Syngenta Crop Protection, Inc. 345 p. |
| 47579601 | Sparrow, K. (2008) Lambda Cyhalothrin/Thiamethoxam ME (A16424B)-Manufacturing Process Description and Supporting Data. Project Number: PC/08/036. Unpublished study prepared by Syngenta Crop Protection. 290 p. |
| 47579703 | Sparrow, K. (2008) Lambda Cyhalothrin/Thiamethoxam ME (A16423B)-Manufacturing Process Description and Supporting Data - PC Volume. Project Number: PC/08/034, 10361915/DOC, T0011538/08. Unpublished study prepared by Syngenta Crop Protection, Inc. 289 p. |
| 47618401 | Sparrow, K. (2007) Manufacturing Process Description and Supporting Data for Thiamethoxam GR (.2) (A16245A): (Meridian 0.20 G). Project Number: PC/07/091, SF/247/1, 112926/00/8. Unpublished study prepared by Syngenta Crop Protection, Inc. 121 p. |
| 47642002 | Sparrow, K. (2007) Manufacturing Process Description and Supporting Data for Thiamethoxam GR (.14) (A16244A). Project Number: 10326407/DOC, PC/07/089, SF/246/1. Unpublished study prepared by Syngenta Crop Protection. 121 p. |
| 47702701 | Irrig, H. (2009) Thiamethoxam/Abamectin SC (A15543C) - Manufacturing Process Description and Supporting Data. Project Number: PC/08/069, 140/X, BE130. Unpublished study prepared by Syngenta Crop Protection, Inc. 434 p. |
| 47722901 | Irrig, H. (2009) Abamectin/Thiamethoxam FS (A17015A) - Manufacturing Process Description and Supporting Data. Project Number: PC/09/029, 10375345/DOC, T007335/08. Unpublished study prepared by Syngenta Crop Protection, Inc. 444 p. |
| 47914901 | Sparrow, K. (2009) Thiamethoxam Technical (CGA293343) - Manufacturing Process Description and Supporting Data: Addendum to MRID 46030901: Final Report. Project Number: PC/09/053, 120030, 10394440/DOC. Unpublished study prepared by Syngenta Crop Protection, Inc. 37 p. |
| 47915208 | Whaley, S. (2009) Agita 1GB Fly Bait: Product Identity and Composition. Unpublished study prepared by Novartis Animal Health US, Inc. 64 p. |
| 47915411 | Whaley, S. (2009) Agita 10 WG: Product Identity and Composition. Unpublished study prepared by Novartis Animal Health US, Inc. 70 p. |
| 47919802 | Stulz, J. (2010) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane FS (036.9/030.7/009/5/008) (A17511B) - Document J: Confidential Information. Project Number: A17511B/10004/OCR, PC/10/042, A17511B/10004. Unpublished study prepared by Syngenta Crop Protection, Inc. 21 p. |
| 47934701 | Sparrow, K. (2009) Difenoconazole/ Thiamethoxam/ Lambda Cyhalothrin ME RTU: Manufacturing Process Description and Supporting Data. Project Number: PC/09/093. Unpublished study prepared by Syngenta Crop Protection, Inc. 248 p. |
| 47934902 | Sparrow, K. (2009) Difenoconazole/Thiamethoxam/Lambda Cyhalothrin ME Concentrate (A17571B) - Manufacturing Process Description and Supporting Data: PC Volume. Project Number: PC/09/091. Unpublished study prepared by Syngenta Crop Protection, Inc. 248 p. |
| 47962501 | Hipps, A. (2010) Thiamethoxam, Fludioxonil, Azoxystrobin, Mefenoxam: Cruiser Maxx Rice (A17469B): Manufacturing Process, Description and Supporting Data. Project Number: PC/10/006, TK0016136. Unpublished study prepared by Syngenta Crop Protection, Inc. 339 p. |
| 47973301 | Sparrow, K. (2010) Thiamethoxam RB (.003) (A14116A): Manufacturing Process Description and Supporting Data. Project Number: PC/10/001/OCR, A14116A/50005. Unpublished study prepared by Syngenta Crop Protection, Inc. 50 p. |
| 48081701 | Hipps, A. (2010) Thiamethoxam/Fludioxonil/Mefenoxam/Azoxystrobin FS (A18046A): Manufacturing Process Description and Supporting Data. Project Number: PC/10/056/OCR, TK0025137. Unpublished study prepared by Syngenta Crop Protection, Inc. 331 p. |
| 48300801 | Hipps, A. (2006) Abamectin/Thiamethoxam/Thiabendazole/Fludioxonil/Mefenoxam/Azoxystrobin: Activa Complete Corn 500 Premix (A18043A) - Manufacturing Process Description and Supporting Data. Project Number: PC/10/078. Unpublished study prepared by Syngenta Crop Protection, Inc. 280 p. |
| 48342602 | Hipps, A. (2010) Avicta Complete Corn 250 Premix (A18112D) - Manufacturing Process Description and Supporting Data. Project Number: PC/10/100, 10436171/DOC/OCR, TK0028457. Unpublished study prepared by Syngenta Crop Protection, Inc. 288 p. |
| 48381501 | Sparrow, K. (2011) Azoxystrobin/Thiamethoxam GR (A18445A) - Manufacturing Process Description and Supporting Data. Project Number: PC/11/017/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 96 p. |
| 48491901 | Hipps, A. (2011) Cruiser Maxx + Thiabendazole (A18212C) - Manufacturing Process Description and Supporting Data. Project Number: PC/11/033/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 208 p. |
| 48506801 | Hipps, A. (2011) CruiserMaxx Potato Extreme (A18232A): Manufacturing Process Description and Supporting Data. Project Number: PC/11/042/OCR, TK0056217. Unpublished study prepared by Syngenta Crop Protection, LLC. 244 p. |
| 48540901 | Hipps, A. (2011) Thiamethoxam, Mefenoxam, Fludioxonil: THX/MXM/FDL Colorless (A18901A) - Manufacturing Process Description and Supporting Data. Project Number: PC/11/044, PC/11/044/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 267p. |
| 48579701 | Sparrow, K. (2011) Lambda-Cyhalothrin/Thiamethoxam SC (A18484A) - Manufacturing Process Description and Supporting Data. Project Number: PC/11/015/OCR, TK0053840, 10448255/DOC. Unpublished study prepared by Syngenta Crop Protection, LLC. 123p. |
| 48644001 | Hipps, A. (2011) Dynasty PD + Thiamethoxam (A17461A) - Manufacturing Process Description and Supporting Data. Project Number: PC/11/029, PC/11/029/OCR, SF/439/1. Unpublished study prepared by Syngenta Crop Protection, LLC. 146p. |
| 48667602 | Sparrow, K. (2011) Abamectin/Thiamethoxam SC (A15913B) - Manufacturing Process Description and Supporting Data. Project Number: PC/11/054/OCR 10343592/DOC 10371320/DOC. Unpublished study prepared by Syngenta Crop Protection, LLC. 182p. |
| 48682401 | Hipps, A. (2012) Adage Deluxe (A19092D) - Manufacturing Process Description and Supporting Data. Project Number: PC/12/005/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 256p. |
| 48682501 | Hipps, A. (2012) Adage Premier (A19093D) - Manufacturing Process Description and Supporting Data. Project Number: PC/12/007/OCR, SF/535/1. Unpublished study prepared by Syngenta Crop Protection, LLC. 267p. |
| 48758401 | Hipps, A. (2012) SYT0113 (A19511A) - Manufacturing Process Description and Supporting Data. Project Number: PC/12/052/OCR, SF/536/1. Unpublished study prepared by Syngenta Crop Protection, LLC. 263p. |
| 48836001 | Hipps, A. (2012) Avicta Complete Beans 500 (A19409A) - Manufacturing Process Description and Supporting Data. Project Number: PC/12/026/OCR, SF/558/1. Unpublished study prepared by Syngenta Crop Protection, LLC. 262p. |
| 48836201 | Hipps, A. (2012) CruiserMaxx Supreme (A19094D) - Manufacturing Process Description and Supporting Data. Project Number: PC/12/009. Unpublished study prepared by Syngenta Crop Protection, LLC. 256p. |
| 48836401 | Sparrow, K. (2011) Lambda Cyhalothrin/Thiamethoxam ZC (A18481A) - Manufacturing Process Description and Supporting Data. Project Number: PC/11/019/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 151p. |
| 49070404 | Hipps, A. (2013) Thiamethoxam/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxane FS (A19997A) - Document J: Confidential Business Information. Project Number: PC/13/018/OCR. Unpublished study prepared by Syngenta Crop Protection. 22p. |
| 49120201 | Hipps, A. (2013) Thiamethoxam/Difenoconazole/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxan: A20307A - Document J: Product Chemistry: (Group A). Project Number: TK0067821/OCR, PC/13/057. Unpublished study prepared by Syngenta Crop Protection, LLC. 25p. |
| 49269101 | Hipps, A. (2013) Difenoconazole/Thiamethoxam/Lambda Cyhlothrin ME RTU (A17570B) - Manufacturing Process Description and Supporting Data: Product Chemistry Volume. Project Number: PC/13/078. Unpublished study prepared by Syngenta Crop Protection, LLC. 47p. |
| 49282701 | Hipps, A. (2014) Abamectin/Thiamethoxam FS (A20703C) - Manufacturing Process Description and Supporting Data. Project Number: PC/14/012, SF/664/1, TK0193415. Unpublished study prepared by Syngenta Crop Protection, LLC. 221p. |
| 49283002 | Hipps, A. (2014) Thiamethoxam/Fludioxonil/Difenoconazole/Sedaxane: A20588A - Document J: Product Chemistry Volume. Project Number: TK0068469, PC/14/005. Unpublished study prepared by Syngenta Crop Protection, LLC. 24p. |
| 49293101 | Sparrow, K. (2013) Thiamethoxam Technical (CGA293343)-Manufacturing Process Description and Supporting Data. Project Number: PC/13/045. Unpublished study prepared by Syngenta Crop Protection, LLC. 71p. |
| 49326101 | Heuser, J. (2014) Lambda-cyhalothrin/Azoxystrobin/Propiconazole/Thiamethoxam ZE (A20007C) - Manufacturing Process Description and Supporting Data. Project Number: TK0215134, PC/13/087, TK0215129. Unpublished study prepared by Syngenta Crop Protection, LLC. 207p. |
| 49383901 | Birchett, J. (2014) Thiamethoxam/Mefenoxam/Fludioxonil/Thiabendazole/Sedaxane FS (A21073A) - Manufacturing Process Description and Supporting Data. Project Number: TK0224811, PC/14/033, 10547306. Unpublished study prepared by Syngenta Crop Protection, LLC. 243p. |
| 49524306 | Hipps, A. (2015) Thiamethoxam/Metalaxyl-M and S-isomer (Mefenoxam)/Fludioxonil/Thiabendazole/Sedaxane: A21174B - Document J - Product Chemistry Volume. Project Number: TK0149603, PC/15/004. Unpublished study prepared by Syngenta Crop Protection, LLC. 25p. |
| 49524401 | Hipps, A. (2015) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane/Gibberellin A4/A7/Indolebutyric acid/Kinetin FS (A21185B) - Manufacturing Process Description and Supporting Data - PC Volume. Project Number: TK0067181, PC/15/006, USGR141551. Unpublished study prepared by Syngenta Crop Protection, LLC. 313p. |
| 49712202 | Hipps, A. (2015) A20903A - Document J - Product Chemistry Volume - Confidential Information. Project Number: PC/15/092. Unpublished study prepared by Syngenta Crop Protection, LLC. 18p. |
| 49713101 | Hipps, A. (2015) Pasteuria Nishizawae/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21324J - Document J, Product Chemistry Volume. Project Number: TK0201751, PC/15/071. Unpublished study prepared by Syngenta Crop Protection, LLC. 23p. |
| 49980501 | Phelps, L. (2016) Pasteuria nishizawae, PN1/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21988B - Document J: Product Chemistry Volume. Project Number: TK0287649, PC/16/094. Unpublished study prepared by Syngenta Crop Protection, LLC. 21p. |
| 49984001 | O'Brien, L. (2016) Determination of Physical & Chemical Characteristics of F4189-1. Project Number: 2016PCP/THI2519, 00111, AP2016/006. Unpublished study prepared by Symbiotic Research, LLC. 226p. |
| 50424101 | Sparrow, K. (2017) A22353A - Document J: Product Chemistry Volume. Project Number: TK0236551, PC/17/059. Unpublished study prepared by Syngenta Crop Protection, LLC. 19p. |
| 50587201 | Hipps, A. (2018) Thiamethoxam Technical (CGA293343) - Document J: Product Chemistry Volume. Project Number: PC/18/065, CHMU170766, TK0294697. Unpublished study prepared by Syngenta Crop Protection, LLC. 121p. |
| 50588201 | Hipps, A. (2018) A22388B - Document J - Product Chemistry Volume. Project Number: PC/18/062. Unpublished study prepared by Syngenta Crop Protection, LLC. 20p. |
| 50742801 | Hipps, A. (2018) Thiamethoxam Technical (CGA293343) - Manufacturing Process Description and Supporting Data. Project Number: PC/18/085, TK0180656. Unpublished study prepared by Syngenta Crop Protection, LLC. 50p. |
| 51030001 | Shultz, K. (2019) Sharda Thiamethoxam Technical: Product Identity and Composition, Description of Materials, Manufacturing Process, Discussion of Formation and Toxicity of Impurities and Certified Limits. Unpublished study prepared by Sharda Cropchem Limited. 65p. |
| 51049101 | Shultz, K. (2020) Sharda Thiamethoxam 25% WDG: Product Identity and Composition, Description of Materials, Description of the Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis and Certified Limits. Unpublished study prepared by Sharda USA LLC. 36p. |
| 51134201 | Shultz, K. (2020) Sharda Thiamethoxam 40% WDG: Product Identity and Composition, Description of Materials, Description of the Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis and Certified Limits. Unpublished study prepared by Sharda USA LLC. 68p. |
| 51136401 | Morrow, E. (2020) Thiamethoxam Technical (CGA293343) - Manufacturing Process Description and Supporting Data. Project Number: PC/20/007. Unpublished study prepared by Syngenta Crop Protection, LLC. 82p. |
| 51199401 | Shultz, K. (2020) Sharda Thiamethoxam Technical: Product Identity and Composition, Description of Materials, Manufacturing Process, Discussion of Formation and Toxicity of Impurities and Certified Limits. Unpublished study prepared by Sharda Cropchem Limited. 50p. |
| 51208501 | Shultz, K. (2020) Sharda Thiamethoxam 75% SG Product Identity and Composition, Description of Materials, Description of the Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis and Certified Limits. Unpublished study prepared by Sharda USA, LLC. 55p. |
| 51221101 | Hardie, R. (2020) Sharda Thiamethoxam 12.6% + Lambda 9.48% SC; ABN: Spiderman Product Identity and Composition, Description of Materials, Description of the Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis and Certified Limits. Unpublished study prepared by Sharda USA, LLC. 109p. |
| 51229001 | Hipps, A.; Sparrow, K. (2021) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane/Isocycloseram A23273A - Manufacturing Process Description and Supporting Data Product Chemistry Volume. Project Number: PC/21/031. Unpublished study prepared by Syngenta Crop Protection, LLC. 318p. |
| 51229101 | Sparrow, K.; Hipps, A. (2021) A23250A ¿ Manufacturing Process Description and Supporting Data: Product Chemistry Volume. Project Number: PC/21/033. Unpublished study prepared by Syngenta Crop Protection, LLC. 346p. |
| 51288401 | Hipps, A. (2021) Picarbutrazox/Fludioxonil/Thiamethoxam/Metalaxyl-M & SIsomer/Sedaxane A23240B: Manufacturing Process Description and Supporting Data Product Chemistry Volume. Project Number: PC/20/056. Unpublished study prepared by Syngenta Crop Protection, LLC. 352p. |
| 51289301 | Morrow, E. (2021) Thiamethoxam Technical (CGA293343) - Manufacturing Process Description and Supporting Data. Project Number: PC/21/041. Unpublished study prepared by Selvita S.A. and Syngenta Crop Protection Muenchwilen AG. 654p. |
| 51438801 | Pastor, K. (2021) Thiamethoxam Technical: Summary of OCSPP 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/02S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51438802 | Pastor, K. (2021) Thiamethoxam Technical: Product Identity and Composition. Project Number: ALB21/02. Unpublished study prepared by Albaugh, LLC. 66p. |
| 51625701 | Pastor, K. (2021) ST Premix IPZ-4: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/12S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625702 | Pastor, K. (2021) Albaugh IPZ-4: Product Identity and Composition. Project Number: ALB21/12. Unpublished study prepared by Albaugh, LLC. 152p. |
| 51625801 | Pastor, K. (2021) Thiamethoxam 5L: Summary of OPPTS Series Product Properties Test Guidelines. Project Number: ALB21/13S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625802 | Pastor, K. (2021) Thiamethoxam 5L: Product Identity and Composition. Project Number: ALB21/13. Unpublished study prepared by Albaugh, LLC. 107p. |

### 830.1620       Description of production process

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46030901 | Sparrow, K. (2003) Manufacturing Process Description and Supporting Data for Thiamethoxam Technical (CGA293343). Project Number: PC/03/055, SA/1/1. Unpublished study prepared by Syngenta Crop Protection, Inc. 200 p. |
| 47914901 | Sparrow, K. (2009) Thiamethoxam Technical (CGA293343) - Manufacturing Process Description and Supporting Data: Addendum to MRID 46030901: Final Report. Project Number: PC/09/053, 120030, 10394440/DOC. Unpublished study prepared by Syngenta Crop Protection, Inc. 37 p. |
| 51030001 | Shultz, K. (2019) Sharda Thiamethoxam Technical: Product Identity and Composition, Description of Materials, Manufacturing Process, Discussion of Formation and Toxicity of Impurities and Certified Limits. Unpublished study prepared by Sharda Cropchem Limited. 65p. |
| 51136401 | Morrow, E. (2020) Thiamethoxam Technical (CGA293343) - Manufacturing Process Description and Supporting Data. Project Number: PC/20/007. Unpublished study prepared by Syngenta Crop Protection, LLC. 82p. |
| 51199401 | Shultz, K. (2020) Sharda Thiamethoxam Technical: Product Identity and Composition, Description of Materials, Manufacturing Process, Discussion of Formation and Toxicity of Impurities and Certified Limits. Unpublished study prepared by Sharda Cropchem Limited. 50p. |
| 51221101 | Hardie, R. (2020) Sharda Thiamethoxam 12.6% + Lambda 9.48% SC; ABN: Spiderman Product Identity and Composition, Description of Materials, Description of the Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis and Certified Limits. Unpublished study prepared by Sharda USA, LLC. 109p. |
| 51438801 | Pastor, K. (2021) Thiamethoxam Technical: Summary of OCSPP 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/02S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51438802 | Pastor, K. (2021) Thiamethoxam Technical: Product Identity and Composition. Project Number: ALB21/02. Unpublished study prepared by Albaugh, LLC. 66p. |
| 51625701 | Pastor, K. (2021) ST Premix IPZ-4: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/12S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625801 | Pastor, K. (2021) Thiamethoxam 5L: Summary of OPPTS Series Product Properties Test Guidelines. Project Number: ALB21/13S. Unpublished study prepared by Albaugh, LLC. 7p. |

### 830.1650       Description of formulation process

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46016907 | Hipps, A. (2003) Manufacturing Process Description and Supporting Data for CGA173506/CGA293343/CGA329351 328 FS (A13641B). Project Number: PC/03/0325, AF/1492/1, 2872161. Unpublished study prepared by Syngenta Crop Protection, Inc. 193 p. |
| 46177101 | Helmer, D. (2002) Product Identity, Composition and Enforcement Analytical Method of XAMOX 3OL. Project Number: PPD/20. Unpublished study prepared by Janssen Pharmaceutica. 6 p. |
| 46308301 | Schilling, W. (2004) Manufacturing Process Description and Supporting Data for Fludioxonil/Thiamethoxam/Mefenoxam/Azoxystrobin FS (A14115A). Project Number: PC/04/021, T008912/03. Unpublished study prepared by Syngenta Crop Protection, Inc. 207 p. |
| 46412801 | Schilling, W. (2004) Manufacturing Process Description and Supporting Data for Thiamethoxam FS (600) (A9765N). Project Number: PC/04/091, SF/60/1. Unpublished study prepared by Syngenta Crop Protection, Inc. 238 p. |
| 46709001 | Schilling, W. (2005) Fludioxonil/Thiamethoxam/Mefenoxam FS (012.7/255019.2)(A14379B); (CruiserMaxx): Manufacturing Process Description and Supporting Data for Fludioxonil/Thiamethoxam/Mefenoxam FS (0.12.7/255.5/019.2)(A14379B); (CruiserMaxx). Project Number: PC/05/046, SF/111/1. Unpublished study prepared by Syngenta Crop Protection. 270 p. |
| 46716301 | Brady, M. (2005) CruiserMaxx Potato Insecticide and Fungicide (A14382A): Manufacturing Process Description and Supporting Data for CruiserMaxx Potato Insecticide and Fungicide (A14382A). Project Number: PC/05/048, SF/117/1. Unpublished study prepared by Syngenta Crop Protection, Inc. 253 p. |
| 46948102 | Phelps, L. (2006) Thiamethoxam RB (0.01)(A15236a): Manufacturing Process Description and Supporting Data for A15236A. Project Number: PC/06/092. Unpublished study prepared by Syngenta Crop Protection, Inc. 88 p. |
| 46948701 | Phelps, L. (2006) Manufacturing Process Description and Supporting Data for A15277A: (Final Report). Project Number: PC/06/094, 10099018/DOC, T001627/06. Unpublished study prepared by Syngenta Crop Protection, Inc. 84 p. |
| 47092501 | Schilling, W. (2006) Manufacturing Process Description and Supporting Data: Fludioxonil/Thiamethoxam/Mefanoxam SE (012/240/8/035/9) (A14909E): [also referred to in this volume as CGA173506/CGA293343/CGA329351 SE (012/240/8/035/9)]. Project Number: PC/06/130, SF/174/1, T003293/06. Unpublished study prepared by Syngenta Crop Protection Inc. 368 p. |
| 47111701 | Phelps, L. (2007) Manufacturing Process Description and Supporting Data for Thiamethoxam GR (0.33) (A12195E). Project Number: PC/07/021, SF/183/1, 21139. Unpublished study prepared by Syngenta Crop Protection, Inc. 73 p. |
| 47111801 | Phelps, L. (2007) Manufacturing Process Description and Supporting Data For Thiamethoxam GR (0.22) (A11859G). Project Number: PC/07/023. Unpublished study prepared by Syngenta Crop Protection, Inc. 73 p. |
| 47176501 | Sparrow, K (2007) Manufacturing Process Description and Supporting Data for Thiamethoxam SG (75) (A9549C). Project Number: PC/07/017, 116858, 10120766. Unpublished study prepared by Syngenta Crop Protection. 151 p. |
| 47234701 | Phelps, L. (2007) Manufacturing Process Description and Supporting Data for Thiamethoxam/Lambda-cyhalothrin GR (A15008B). Project Number: PC/07/055, T001477/07, 10288703/DOC. Unpublished study prepared by Syngenta Crop Protection. 72 p. |
| 47246701 | Schilling, W. (2007) Manufacturing Process Description and Supporting Data for Difenoconazole/Thiamethoxam/Mefenoxam FS (A15424B). Project Number: PC/07/053. Unpublished study prepared by Syngenta Crop Protection, Inc. 452 p. |
| 47420901 | Sparrow, K. (2007) Thiamethoxam/ Chlorantraniliprole SC (200/100) (A15452B): Manufacturing Process Description and Supporting Data for Thiamethoxam/ Chlorantraniliprole SC (200/100) (A15452B). Project Number: PC/07/032, 116727. Unpublished study prepared by Syngenta Crop Protection. 322 p. |
| 47424101 | Sparrow, K. (2007) Thiamethoxam/ Chlorantraniliprole WG (20/20) (A15645A): Manufacturing Process Description and Supporting Data for Thiamethoxam/ Chlorantraniliprole WG (20/20) (A15645A). Project Number: PC/07/034, SF/210/1, 117172. Unpublished study prepared by Syngenta Crop Protection, Inc. 201 p. |
| 47424301 | Schilling, W. (2007) Thiamethoxam/ Abamectin FS (A16115A): Manufacturing Process and Supporting Data for Thiamethoxam/ Abamectin FS (A16115A). Project Number: PC/07/106, SF/250/1, 10338410. Unpublished study prepared by Syngenta Crop Protection, Inc. 345 p. |
| 47579601 | Sparrow, K. (2008) Lambda Cyhalothrin/Thiamethoxam ME (A16424B)-Manufacturing Process Description and Supporting Data. Project Number: PC/08/036. Unpublished study prepared by Syngenta Crop Protection. 290 p. |
| 47579703 | Sparrow, K. (2008) Lambda Cyhalothrin/Thiamethoxam ME (A16423B)-Manufacturing Process Description and Supporting Data - PC Volume. Project Number: PC/08/034, 10361915/DOC, T0011538/08. Unpublished study prepared by Syngenta Crop Protection, Inc. 289 p. |
| 47618401 | Sparrow, K. (2007) Manufacturing Process Description and Supporting Data for Thiamethoxam GR (.2) (A16245A): (Meridian 0.20 G). Project Number: PC/07/091, SF/247/1, 112926/00/8. Unpublished study prepared by Syngenta Crop Protection, Inc. 121 p. |
| 47642002 | Sparrow, K. (2007) Manufacturing Process Description and Supporting Data for Thiamethoxam GR (.14) (A16244A). Project Number: 10326407/DOC, PC/07/089, SF/246/1. Unpublished study prepared by Syngenta Crop Protection. 121 p. |
| 47702701 | Irrig, H. (2009) Thiamethoxam/Abamectin SC (A15543C) - Manufacturing Process Description and Supporting Data. Project Number: PC/08/069, 140/X, BE130. Unpublished study prepared by Syngenta Crop Protection, Inc. 434 p. |
| 47722901 | Irrig, H. (2009) Abamectin/Thiamethoxam FS (A17015A) - Manufacturing Process Description and Supporting Data. Project Number: PC/09/029, 10375345/DOC, T007335/08. Unpublished study prepared by Syngenta Crop Protection, Inc. 444 p. |
| 47777301 | Sparrow, K. (2009) Thiamethoxam RB (0.01) (A15236A) - Manufacturing Process and Description: Addendum to MRID 46948102: PC Volume. Project Number: PC/09/043. Unpublished study prepared by Syngenta Crop Protection, Inc. 7 p. |
| 47915208 | Whaley, S. (2009) Agita 1GB Fly Bait: Product Identity and Composition. Unpublished study prepared by Novartis Animal Health US, Inc. 64 p. |
| 47915411 | Whaley, S. (2009) Agita 10 WG: Product Identity and Composition. Unpublished study prepared by Novartis Animal Health US, Inc. 70 p. |
| 47919802 | Stulz, J. (2010) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane FS (036.9/030.7/009/5/008) (A17511B) - Document J: Confidential Information. Project Number: A17511B/10004/OCR, PC/10/042, A17511B/10004. Unpublished study prepared by Syngenta Crop Protection, Inc. 21 p. |
| 47934701 | Sparrow, K. (2009) Difenoconazole/ Thiamethoxam/ Lambda Cyhalothrin ME RTU: Manufacturing Process Description and Supporting Data. Project Number: PC/09/093. Unpublished study prepared by Syngenta Crop Protection, Inc. 248 p. |
| 47934902 | Sparrow, K. (2009) Difenoconazole/Thiamethoxam/Lambda Cyhalothrin ME Concentrate (A17571B) - Manufacturing Process Description and Supporting Data: PC Volume. Project Number: PC/09/091. Unpublished study prepared by Syngenta Crop Protection, Inc. 248 p. |
| 47962501 | Hipps, A. (2010) Thiamethoxam, Fludioxonil, Azoxystrobin, Mefenoxam: Cruiser Maxx Rice (A17469B): Manufacturing Process, Description and Supporting Data. Project Number: PC/10/006, TK0016136. Unpublished study prepared by Syngenta Crop Protection, Inc. 339 p. |
| 47973301 | Sparrow, K. (2010) Thiamethoxam RB (.003) (A14116A): Manufacturing Process Description and Supporting Data. Project Number: PC/10/001/OCR, A14116A/50005. Unpublished study prepared by Syngenta Crop Protection, Inc. 50 p. |
| 48081701 | Hipps, A. (2010) Thiamethoxam/Fludioxonil/Mefenoxam/Azoxystrobin FS (A18046A): Manufacturing Process Description and Supporting Data. Project Number: PC/10/056/OCR, TK0025137. Unpublished study prepared by Syngenta Crop Protection, Inc. 331 p. |
| 48300801 | Hipps, A. (2006) Abamectin/Thiamethoxam/Thiabendazole/Fludioxonil/Mefenoxam/Azoxystrobin: Activa Complete Corn 500 Premix (A18043A) - Manufacturing Process Description and Supporting Data. Project Number: PC/10/078. Unpublished study prepared by Syngenta Crop Protection, Inc. 280 p. |
| 48342602 | Hipps, A. (2010) Avicta Complete Corn 250 Premix (A18112D) - Manufacturing Process Description and Supporting Data. Project Number: PC/10/100, 10436171/DOC/OCR, TK0028457. Unpublished study prepared by Syngenta Crop Protection, Inc. 288 p. |
| 48381501 | Sparrow, K. (2011) Azoxystrobin/Thiamethoxam GR (A18445A) - Manufacturing Process Description and Supporting Data. Project Number: PC/11/017/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 96 p. |
| 48491901 | Hipps, A. (2011) Cruiser Maxx + Thiabendazole (A18212C) - Manufacturing Process Description and Supporting Data. Project Number: PC/11/033/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 208 p. |
| 48506801 | Hipps, A. (2011) CruiserMaxx Potato Extreme (A18232A): Manufacturing Process Description and Supporting Data. Project Number: PC/11/042/OCR, TK0056217. Unpublished study prepared by Syngenta Crop Protection, LLC. 244 p. |
| 48540901 | Hipps, A. (2011) Thiamethoxam, Mefenoxam, Fludioxonil: THX/MXM/FDL Colorless (A18901A) - Manufacturing Process Description and Supporting Data. Project Number: PC/11/044, PC/11/044/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 267p. |
| 48579701 | Sparrow, K. (2011) Lambda-Cyhalothrin/Thiamethoxam SC (A18484A) - Manufacturing Process Description and Supporting Data. Project Number: PC/11/015/OCR, TK0053840, 10448255/DOC. Unpublished study prepared by Syngenta Crop Protection, LLC. 123p. |
| 48644001 | Hipps, A. (2011) Dynasty PD + Thiamethoxam (A17461A) - Manufacturing Process Description and Supporting Data. Project Number: PC/11/029, PC/11/029/OCR, SF/439/1. Unpublished study prepared by Syngenta Crop Protection, LLC. 146p. |
| 48658701 | Sparrow, K. (2011) Thiamethoxam RB (0.003) (A15277A) - Manufacturing Process Description and Supporting Data. Project Number: PC/11/093. Unpublished study prepared by Syngenta Crop Protection, LLC. 7p. |
| 48667602 | Sparrow, K. (2011) Abamectin/Thiamethoxam SC (A15913B) - Manufacturing Process Description and Supporting Data. Project Number: PC/11/054/OCR 10343592/DOC 10371320/DOC. Unpublished study prepared by Syngenta Crop Protection, LLC. 182p. |
| 48682401 | Hipps, A. (2012) Adage Deluxe (A19092D) - Manufacturing Process Description and Supporting Data. Project Number: PC/12/005/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 256p. |
| 48682501 | Hipps, A. (2012) Adage Premier (A19093D) - Manufacturing Process Description and Supporting Data. Project Number: PC/12/007/OCR, SF/535/1. Unpublished study prepared by Syngenta Crop Protection, LLC. 267p. |
| 48758401 | Hipps, A. (2012) SYT0113 (A19511A) - Manufacturing Process Description and Supporting Data. Project Number: PC/12/052/OCR, SF/536/1. Unpublished study prepared by Syngenta Crop Protection, LLC. 263p. |
| 48836001 | Hipps, A. (2012) Avicta Complete Beans 500 (A19409A) - Manufacturing Process Description and Supporting Data. Project Number: PC/12/026/OCR, SF/558/1. Unpublished study prepared by Syngenta Crop Protection, LLC. 262p. |
| 48836201 | Hipps, A. (2012) CruiserMaxx Supreme (A19094D) - Manufacturing Process Description and Supporting Data. Project Number: PC/12/009. Unpublished study prepared by Syngenta Crop Protection, LLC. 256p. |
| 48836401 | Sparrow, K. (2011) Lambda Cyhalothrin/Thiamethoxam ZC (A18481A) - Manufacturing Process Description and Supporting Data. Project Number: PC/11/019/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 151p. |
| 49070404 | Hipps, A. (2013) Thiamethoxam/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxane FS (A19997A) - Document J: Confidential Business Information. Project Number: PC/13/018/OCR. Unpublished study prepared by Syngenta Crop Protection. 22p. |
| 49120201 | Hipps, A. (2013) Thiamethoxam/Difenoconazole/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxan: A20307A - Document J: Product Chemistry: (Group A). Project Number: TK0067821/OCR, PC/13/057. Unpublished study prepared by Syngenta Crop Protection, LLC. 25p. |
| 49120202 | Hipps, A. (2013) Thiamethoxam/Difenoconazole/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxan: A20307A - Document MIII, Section 1: Product Chemistry. Project Number: TK0067821/OCR, PC/13/054. Unpublished study prepared by Syngenta Crop Protection, LLC. 37p. |
| 49269101 | Hipps, A. (2013) Difenoconazole/Thiamethoxam/Lambda Cyhlothrin ME RTU (A17570B) - Manufacturing Process Description and Supporting Data: Product Chemistry Volume. Project Number: PC/13/078. Unpublished study prepared by Syngenta Crop Protection, LLC. 47p. |
| 49282701 | Hipps, A. (2014) Abamectin/Thiamethoxam FS (A20703C) - Manufacturing Process Description and Supporting Data. Project Number: PC/14/012, SF/664/1, TK0193415. Unpublished study prepared by Syngenta Crop Protection, LLC. 221p. |
| 49283002 | Hipps, A. (2014) Thiamethoxam/Fludioxonil/Difenoconazole/Sedaxane: A20588A - Document J: Product Chemistry Volume. Project Number: TK0068469, PC/14/005. Unpublished study prepared by Syngenta Crop Protection, LLC. 24p. |
| 49283014 | Hipps, A. (2014) Thiamethoxam/Fludioxonil/Difenoconazole/Sedaxane: A20588A - Document MIII, Section 1: Product Chemistry Volume. Project Number: TK0068469, PC/14/003. Unpublished study prepared by Syngenta Crop Protection, LLC. 32p. |
| 49326101 | Heuser, J. (2014) Lambda-cyhalothrin/Azoxystrobin/Propiconazole/Thiamethoxam ZE (A20007C) - Manufacturing Process Description and Supporting Data. Project Number: TK0215134, PC/13/087, TK0215129. Unpublished study prepared by Syngenta Crop Protection, LLC. 207p. |
| 49383901 | Birchett, J. (2014) Thiamethoxam/Mefenoxam/Fludioxonil/Thiabendazole/Sedaxane FS (A21073A) - Manufacturing Process Description and Supporting Data. Project Number: TK0224811, PC/14/033, 10547306. Unpublished study prepared by Syngenta Crop Protection, LLC. 243p. |
| 49524306 | Hipps, A. (2015) Thiamethoxam/Metalaxyl-M and S-isomer (Mefenoxam)/Fludioxonil/Thiabendazole/Sedaxane: A21174B - Document J - Product Chemistry Volume. Project Number: TK0149603, PC/15/004. Unpublished study prepared by Syngenta Crop Protection, LLC. 25p. |
| 49524315 | Hipps, A. (2015) Thiamethoxam/Metalaxyl-M and S-isomer (Mefenoxam)/Fludioxonil/Thiabendazole/Sedaxane: A21174B - Document MIII, Section 1. Project Number: TK0149603, PC/15/001, PC/15/003. Unpublished study prepared by Syngenta Crop Protection, LLC. 34p. |
| 49524401 | Hipps, A. (2015) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane/Gibberellin A4/A7/Indolebutyric acid/Kinetin FS (A21185B) - Manufacturing Process Description and Supporting Data - PC Volume. Project Number: TK0067181, PC/15/006, USGR141551. Unpublished study prepared by Syngenta Crop Protection, LLC. 313p. |
| 49712202 | Hipps, A. (2015) A20903A - Document J - Product Chemistry Volume - Confidential Information. Project Number: PC/15/092. Unpublished study prepared by Syngenta Crop Protection, LLC. 18p. |
| 49712212 | Hipps, A. (2015) A20903A - Document MIII Section 1: Product Chemistry Volume. Project Number: PC/15/090. Unpublished study prepared by Syngenta Crop Protection, LLC. 33p. |
| 49713101 | Hipps, A. (2015) Pasteuria Nishizawae/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21324J - Document J, Product Chemistry Volume. Project Number: TK0201751, PC/15/071. Unpublished study prepared by Syngenta Crop Protection, LLC. 23p. |
| 49713115 | Hipps, A.; Phelps, L. (2015) Pasteuria Nishizawae/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21324J - Document MIII, Section 1, Product Chemistry Volume. Project Number: TK0201751, PC/15/069. Unpublished study prepared by Syngenta Crop Protection, LLC. 31p. |
| 49980501 | Phelps, L. (2016) Pasteuria nishizawae, PN1/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21988B - Document J: Product Chemistry Volume. Project Number: TK0287649, PC/16/094. Unpublished study prepared by Syngenta Crop Protection, LLC. 21p. |
| 49980509 | Hipps, A.; Phelps, L. (2016) Pasteuria nishizawae, Pn1/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21988B - Document MIII, Section 1: Product Chemistry Volume. Project Number: TK0287649, PC/16/092, PC/16/095. Unpublished study prepared by Syngenta Crop Protection, LLC. 31p. |
| 49984001 | O'Brien, L. (2016) Determination of Physical & Chemical Characteristics of F4189-1. Project Number: 2016PCP/THI2519, 00111, AP2016/006. Unpublished study prepared by Symbiotic Research, LLC. 226p. |
| 50424101 | Sparrow, K. (2017) A22353A - Document J: Product Chemistry Volume. Project Number: TK0236551, PC/17/059. Unpublished study prepared by Syngenta Crop Protection, LLC. 19p. |
| 50424115 | Sparrow, K. (2017) A22353A - Document MIII, Section 1: Product Chemistry Volume. Project Number: TK0236551, PC/17/061. Unpublished study prepared by Syngenta Crop Protection, LLC. 29p. |
| 50588201 | Hipps, A. (2018) A22388B - Document J - Product Chemistry Volume. Project Number: PC/18/062. Unpublished study prepared by Syngenta Crop Protection, LLC. 20p. |
| 51049101 | Shultz, K. (2020) Sharda Thiamethoxam 25% WDG: Product Identity and Composition, Description of Materials, Description of the Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis and Certified Limits. Unpublished study prepared by Sharda USA LLC. 36p. |
| 51134201 | Shultz, K. (2020) Sharda Thiamethoxam 40% WDG: Product Identity and Composition, Description of Materials, Description of the Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis and Certified Limits. Unpublished study prepared by Sharda USA LLC. 68p. |
| 51208501 | Shultz, K. (2020) Sharda Thiamethoxam 75% SG Product Identity and Composition, Description of Materials, Description of the Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis and Certified Limits. Unpublished study prepared by Sharda USA, LLC. 55p. |
| 51221101 | Hardie, R. (2020) Sharda Thiamethoxam 12.6% + Lambda 9.48% SC; ABN: Spiderman Product Identity and Composition, Description of Materials, Description of the Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis and Certified Limits. Unpublished study prepared by Sharda USA, LLC. 109p. |
| 51229001 | Hipps, A.; Sparrow, K. (2021) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane/Isocycloseram A23273A - Manufacturing Process Description and Supporting Data Product Chemistry Volume. Project Number: PC/21/031. Unpublished study prepared by Syngenta Crop Protection, LLC. 318p. |
| 51229101 | Sparrow, K.; Hipps, A. (2021) A23250A ¿ Manufacturing Process Description and Supporting Data: Product Chemistry Volume. Project Number: PC/21/033. Unpublished study prepared by Syngenta Crop Protection, LLC. 346p. |
| 51288401 | Hipps, A. (2021) Picarbutrazox/Fludioxonil/Thiamethoxam/Metalaxyl-M & SIsomer/Sedaxane A23240B: Manufacturing Process Description and Supporting Data Product Chemistry Volume. Project Number: PC/20/056. Unpublished study prepared by Syngenta Crop Protection, LLC. 352p. |
| 51438801 | Pastor, K. (2021) Thiamethoxam Technical: Summary of OCSPP 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/02S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625701 | Pastor, K. (2021) ST Premix IPZ-4: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/12S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625702 | Pastor, K. (2021) Albaugh IPZ-4: Product Identity and Composition. Project Number: ALB21/12. Unpublished study prepared by Albaugh, LLC. 152p. |
| 51625801 | Pastor, K. (2021) Thiamethoxam 5L: Summary of OPPTS Series Product Properties Test Guidelines. Project Number: ALB21/13S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625802 | Pastor, K. (2021) Thiamethoxam 5L: Product Identity and Composition. Project Number: ALB21/13. Unpublished study prepared by Albaugh, LLC. 107p. |

### 830.1670       Discussion of formation of impurities

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46016907 | Hipps, A. (2003) Manufacturing Process Description and Supporting Data for CGA173506/CGA293343/CGA329351 328 FS (A13641B). Project Number: PC/03/0325, AF/1492/1, 2872161. Unpublished study prepared by Syngenta Crop Protection, Inc. 193 p. |
| 46030901 | Sparrow, K. (2003) Manufacturing Process Description and Supporting Data for Thiamethoxam Technical (CGA293343). Project Number: PC/03/055, SA/1/1. Unpublished study prepared by Syngenta Crop Protection, Inc. 200 p. |
| 46308301 | Schilling, W. (2004) Manufacturing Process Description and Supporting Data for Fludioxonil/Thiamethoxam/Mefenoxam/Azoxystrobin FS (A14115A). Project Number: PC/04/021, T008912/03. Unpublished study prepared by Syngenta Crop Protection, Inc. 207 p. |
| 46412801 | Schilling, W. (2004) Manufacturing Process Description and Supporting Data for Thiamethoxam FS (600) (A9765N). Project Number: PC/04/091, SF/60/1. Unpublished study prepared by Syngenta Crop Protection, Inc. 238 p. |
| 46709001 | Schilling, W. (2005) Fludioxonil/Thiamethoxam/Mefenoxam FS (012.7/255019.2)(A14379B); (CruiserMaxx): Manufacturing Process Description and Supporting Data for Fludioxonil/Thiamethoxam/Mefenoxam FS (0.12.7/255.5/019.2)(A14379B); (CruiserMaxx). Project Number: PC/05/046, SF/111/1. Unpublished study prepared by Syngenta Crop Protection. 270 p. |
| 46716301 | Brady, M. (2005) CruiserMaxx Potato Insecticide and Fungicide (A14382A): Manufacturing Process Description and Supporting Data for CruiserMaxx Potato Insecticide and Fungicide (A14382A). Project Number: PC/05/048, SF/117/1. Unpublished study prepared by Syngenta Crop Protection, Inc. 253 p. |
| 46948102 | Phelps, L. (2006) Thiamethoxam RB (0.01)(A15236a): Manufacturing Process Description and Supporting Data for A15236A. Project Number: PC/06/092. Unpublished study prepared by Syngenta Crop Protection, Inc. 88 p. |
| 46948701 | Phelps, L. (2006) Manufacturing Process Description and Supporting Data for A15277A: (Final Report). Project Number: PC/06/094, 10099018/DOC, T001627/06. Unpublished study prepared by Syngenta Crop Protection, Inc. 84 p. |
| 47092501 | Schilling, W. (2006) Manufacturing Process Description and Supporting Data: Fludioxonil/Thiamethoxam/Mefanoxam SE (012/240/8/035/9) (A14909E): [also referred to in this volume as CGA173506/CGA293343/CGA329351 SE (012/240/8/035/9)]. Project Number: PC/06/130, SF/174/1, T003293/06. Unpublished study prepared by Syngenta Crop Protection Inc. 368 p. |
| 47111701 | Phelps, L. (2007) Manufacturing Process Description and Supporting Data for Thiamethoxam GR (0.33) (A12195E). Project Number: PC/07/021, SF/183/1, 21139. Unpublished study prepared by Syngenta Crop Protection, Inc. 73 p. |
| 47111801 | Phelps, L. (2007) Manufacturing Process Description and Supporting Data For Thiamethoxam GR (0.22) (A11859G). Project Number: PC/07/023. Unpublished study prepared by Syngenta Crop Protection, Inc. 73 p. |
| 47176501 | Sparrow, K (2007) Manufacturing Process Description and Supporting Data for Thiamethoxam SG (75) (A9549C). Project Number: PC/07/017, 116858, 10120766. Unpublished study prepared by Syngenta Crop Protection. 151 p. |
| 47234701 | Phelps, L. (2007) Manufacturing Process Description and Supporting Data for Thiamethoxam/Lambda-cyhalothrin GR (A15008B). Project Number: PC/07/055, T001477/07, 10288703/DOC. Unpublished study prepared by Syngenta Crop Protection. 72 p. |
| 47246701 | Schilling, W. (2007) Manufacturing Process Description and Supporting Data for Difenoconazole/Thiamethoxam/Mefenoxam FS (A15424B). Project Number: PC/07/053. Unpublished study prepared by Syngenta Crop Protection, Inc. 452 p. |
| 47420901 | Sparrow, K. (2007) Thiamethoxam/ Chlorantraniliprole SC (200/100) (A15452B): Manufacturing Process Description and Supporting Data for Thiamethoxam/ Chlorantraniliprole SC (200/100) (A15452B). Project Number: PC/07/032, 116727. Unpublished study prepared by Syngenta Crop Protection. 322 p. |
| 47424101 | Sparrow, K. (2007) Thiamethoxam/ Chlorantraniliprole WG (20/20) (A15645A): Manufacturing Process Description and Supporting Data for Thiamethoxam/ Chlorantraniliprole WG (20/20) (A15645A). Project Number: PC/07/034, SF/210/1, 117172. Unpublished study prepared by Syngenta Crop Protection, Inc. 201 p. |
| 47424301 | Schilling, W. (2007) Thiamethoxam/ Abamectin FS (A16115A): Manufacturing Process and Supporting Data for Thiamethoxam/ Abamectin FS (A16115A). Project Number: PC/07/106, SF/250/1, 10338410. Unpublished study prepared by Syngenta Crop Protection, Inc. 345 p. |
| 47579601 | Sparrow, K. (2008) Lambda Cyhalothrin/Thiamethoxam ME (A16424B)-Manufacturing Process Description and Supporting Data. Project Number: PC/08/036. Unpublished study prepared by Syngenta Crop Protection. 290 p. |
| 47579703 | Sparrow, K. (2008) Lambda Cyhalothrin/Thiamethoxam ME (A16423B)-Manufacturing Process Description and Supporting Data - PC Volume. Project Number: PC/08/034, 10361915/DOC, T0011538/08. Unpublished study prepared by Syngenta Crop Protection, Inc. 289 p. |
| 47618401 | Sparrow, K. (2007) Manufacturing Process Description and Supporting Data for Thiamethoxam GR (.2) (A16245A): (Meridian 0.20 G). Project Number: PC/07/091, SF/247/1, 112926/00/8. Unpublished study prepared by Syngenta Crop Protection, Inc. 121 p. |
| 47642002 | Sparrow, K. (2007) Manufacturing Process Description and Supporting Data for Thiamethoxam GR (.14) (A16244A). Project Number: 10326407/DOC, PC/07/089, SF/246/1. Unpublished study prepared by Syngenta Crop Protection. 121 p. |
| 47702701 | Irrig, H. (2009) Thiamethoxam/Abamectin SC (A15543C) - Manufacturing Process Description and Supporting Data. Project Number: PC/08/069, 140/X, BE130. Unpublished study prepared by Syngenta Crop Protection, Inc. 434 p. |
| 47722901 | Irrig, H. (2009) Abamectin/Thiamethoxam FS (A17015A) - Manufacturing Process Description and Supporting Data. Project Number: PC/09/029, 10375345/DOC, T007335/08. Unpublished study prepared by Syngenta Crop Protection, Inc. 444 p. |
| 47914901 | Sparrow, K. (2009) Thiamethoxam Technical (CGA293343) - Manufacturing Process Description and Supporting Data: Addendum to MRID 46030901: Final Report. Project Number: PC/09/053, 120030, 10394440/DOC. Unpublished study prepared by Syngenta Crop Protection, Inc. 37 p. |
| 47915208 | Whaley, S. (2009) Agita 1GB Fly Bait: Product Identity and Composition. Unpublished study prepared by Novartis Animal Health US, Inc. 64 p. |
| 47915411 | Whaley, S. (2009) Agita 10 WG: Product Identity and Composition. Unpublished study prepared by Novartis Animal Health US, Inc. 70 p. |
| 47919802 | Stulz, J. (2010) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane FS (036.9/030.7/009/5/008) (A17511B) - Document J: Confidential Information. Project Number: A17511B/10004/OCR, PC/10/042, A17511B/10004. Unpublished study prepared by Syngenta Crop Protection, Inc. 21 p. |
| 47934701 | Sparrow, K. (2009) Difenoconazole/ Thiamethoxam/ Lambda Cyhalothrin ME RTU: Manufacturing Process Description and Supporting Data. Project Number: PC/09/093. Unpublished study prepared by Syngenta Crop Protection, Inc. 248 p. |
| 47934902 | Sparrow, K. (2009) Difenoconazole/Thiamethoxam/Lambda Cyhalothrin ME Concentrate (A17571B) - Manufacturing Process Description and Supporting Data: PC Volume. Project Number: PC/09/091. Unpublished study prepared by Syngenta Crop Protection, Inc. 248 p. |
| 47962501 | Hipps, A. (2010) Thiamethoxam, Fludioxonil, Azoxystrobin, Mefenoxam: Cruiser Maxx Rice (A17469B): Manufacturing Process, Description and Supporting Data. Project Number: PC/10/006, TK0016136. Unpublished study prepared by Syngenta Crop Protection, Inc. 339 p. |
| 47973301 | Sparrow, K. (2010) Thiamethoxam RB (.003) (A14116A): Manufacturing Process Description and Supporting Data. Project Number: PC/10/001/OCR, A14116A/50005. Unpublished study prepared by Syngenta Crop Protection, Inc. 50 p. |
| 48081701 | Hipps, A. (2010) Thiamethoxam/Fludioxonil/Mefenoxam/Azoxystrobin FS (A18046A): Manufacturing Process Description and Supporting Data. Project Number: PC/10/056/OCR, TK0025137. Unpublished study prepared by Syngenta Crop Protection, Inc. 331 p. |
| 48300801 | Hipps, A. (2006) Abamectin/Thiamethoxam/Thiabendazole/Fludioxonil/Mefenoxam/Azoxystrobin: Activa Complete Corn 500 Premix (A18043A) - Manufacturing Process Description and Supporting Data. Project Number: PC/10/078. Unpublished study prepared by Syngenta Crop Protection, Inc. 280 p. |
| 48342602 | Hipps, A. (2010) Avicta Complete Corn 250 Premix (A18112D) - Manufacturing Process Description and Supporting Data. Project Number: PC/10/100, 10436171/DOC/OCR, TK0028457. Unpublished study prepared by Syngenta Crop Protection, Inc. 288 p. |
| 48381501 | Sparrow, K. (2011) Azoxystrobin/Thiamethoxam GR (A18445A) - Manufacturing Process Description and Supporting Data. Project Number: PC/11/017/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 96 p. |
| 48491901 | Hipps, A. (2011) Cruiser Maxx + Thiabendazole (A18212C) - Manufacturing Process Description and Supporting Data. Project Number: PC/11/033/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 208 p. |
| 48506801 | Hipps, A. (2011) CruiserMaxx Potato Extreme (A18232A): Manufacturing Process Description and Supporting Data. Project Number: PC/11/042/OCR, TK0056217. Unpublished study prepared by Syngenta Crop Protection, LLC. 244 p. |
| 48540901 | Hipps, A. (2011) Thiamethoxam, Mefenoxam, Fludioxonil: THX/MXM/FDL Colorless (A18901A) - Manufacturing Process Description and Supporting Data. Project Number: PC/11/044, PC/11/044/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 267p. |
| 48579701 | Sparrow, K. (2011) Lambda-Cyhalothrin/Thiamethoxam SC (A18484A) - Manufacturing Process Description and Supporting Data. Project Number: PC/11/015/OCR, TK0053840, 10448255/DOC. Unpublished study prepared by Syngenta Crop Protection, LLC. 123p. |
| 48644001 | Hipps, A. (2011) Dynasty PD + Thiamethoxam (A17461A) - Manufacturing Process Description and Supporting Data. Project Number: PC/11/029, PC/11/029/OCR, SF/439/1. Unpublished study prepared by Syngenta Crop Protection, LLC. 146p. |
| 48667602 | Sparrow, K. (2011) Abamectin/Thiamethoxam SC (A15913B) - Manufacturing Process Description and Supporting Data. Project Number: PC/11/054/OCR 10343592/DOC 10371320/DOC. Unpublished study prepared by Syngenta Crop Protection, LLC. 182p. |
| 48682401 | Hipps, A. (2012) Adage Deluxe (A19092D) - Manufacturing Process Description and Supporting Data. Project Number: PC/12/005/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 256p. |
| 48682501 | Hipps, A. (2012) Adage Premier (A19093D) - Manufacturing Process Description and Supporting Data. Project Number: PC/12/007/OCR, SF/535/1. Unpublished study prepared by Syngenta Crop Protection, LLC. 267p. |
| 48758401 | Hipps, A. (2012) SYT0113 (A19511A) - Manufacturing Process Description and Supporting Data. Project Number: PC/12/052/OCR, SF/536/1. Unpublished study prepared by Syngenta Crop Protection, LLC. 263p. |
| 48836001 | Hipps, A. (2012) Avicta Complete Beans 500 (A19409A) - Manufacturing Process Description and Supporting Data. Project Number: PC/12/026/OCR, SF/558/1. Unpublished study prepared by Syngenta Crop Protection, LLC. 262p. |
| 48836201 | Hipps, A. (2012) CruiserMaxx Supreme (A19094D) - Manufacturing Process Description and Supporting Data. Project Number: PC/12/009. Unpublished study prepared by Syngenta Crop Protection, LLC. 256p. |
| 48836401 | Sparrow, K. (2011) Lambda Cyhalothrin/Thiamethoxam ZC (A18481A) - Manufacturing Process Description and Supporting Data. Project Number: PC/11/019/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 151p. |
| 49070404 | Hipps, A. (2013) Thiamethoxam/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxane FS (A19997A) - Document J: Confidential Business Information. Project Number: PC/13/018/OCR. Unpublished study prepared by Syngenta Crop Protection. 22p. |
| 49120201 | Hipps, A. (2013) Thiamethoxam/Difenoconazole/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxan: A20307A - Document J: Product Chemistry: (Group A). Project Number: TK0067821/OCR, PC/13/057. Unpublished study prepared by Syngenta Crop Protection, LLC. 25p. |
| 49120202 | Hipps, A. (2013) Thiamethoxam/Difenoconazole/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxan: A20307A - Document MIII, Section 1: Product Chemistry. Project Number: TK0067821/OCR, PC/13/054. Unpublished study prepared by Syngenta Crop Protection, LLC. 37p. |
| 49269101 | Hipps, A. (2013) Difenoconazole/Thiamethoxam/Lambda Cyhlothrin ME RTU (A17570B) - Manufacturing Process Description and Supporting Data: Product Chemistry Volume. Project Number: PC/13/078. Unpublished study prepared by Syngenta Crop Protection, LLC. 47p. |
| 49282701 | Hipps, A. (2014) Abamectin/Thiamethoxam FS (A20703C) - Manufacturing Process Description and Supporting Data. Project Number: PC/14/012, SF/664/1, TK0193415. Unpublished study prepared by Syngenta Crop Protection, LLC. 221p. |
| 49283002 | Hipps, A. (2014) Thiamethoxam/Fludioxonil/Difenoconazole/Sedaxane: A20588A - Document J: Product Chemistry Volume. Project Number: TK0068469, PC/14/005. Unpublished study prepared by Syngenta Crop Protection, LLC. 24p. |
| 49283014 | Hipps, A. (2014) Thiamethoxam/Fludioxonil/Difenoconazole/Sedaxane: A20588A - Document MIII, Section 1: Product Chemistry Volume. Project Number: TK0068469, PC/14/003. Unpublished study prepared by Syngenta Crop Protection, LLC. 32p. |
| 49326101 | Heuser, J. (2014) Lambda-cyhalothrin/Azoxystrobin/Propiconazole/Thiamethoxam ZE (A20007C) - Manufacturing Process Description and Supporting Data. Project Number: TK0215134, PC/13/087, TK0215129. Unpublished study prepared by Syngenta Crop Protection, LLC. 207p. |
| 49383901 | Birchett, J. (2014) Thiamethoxam/Mefenoxam/Fludioxonil/Thiabendazole/Sedaxane FS (A21073A) - Manufacturing Process Description and Supporting Data. Project Number: TK0224811, PC/14/033, 10547306. Unpublished study prepared by Syngenta Crop Protection, LLC. 243p. |
| 49524315 | Hipps, A. (2015) Thiamethoxam/Metalaxyl-M and S-isomer (Mefenoxam)/Fludioxonil/Thiabendazole/Sedaxane: A21174B - Document MIII, Section 1. Project Number: TK0149603, PC/15/001, PC/15/003. Unpublished study prepared by Syngenta Crop Protection, LLC. 34p. |
| 49524401 | Hipps, A. (2015) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane/Gibberellin A4/A7/Indolebutyric acid/Kinetin FS (A21185B) - Manufacturing Process Description and Supporting Data - PC Volume. Project Number: TK0067181, PC/15/006, USGR141551. Unpublished study prepared by Syngenta Crop Protection, LLC. 313p. |
| 49712202 | Hipps, A. (2015) A20903A - Document J - Product Chemistry Volume - Confidential Information. Project Number: PC/15/092. Unpublished study prepared by Syngenta Crop Protection, LLC. 18p. |
| 49712212 | Hipps, A. (2015) A20903A - Document MIII Section 1: Product Chemistry Volume. Project Number: PC/15/090. Unpublished study prepared by Syngenta Crop Protection, LLC. 33p. |
| 49713101 | Hipps, A. (2015) Pasteuria Nishizawae/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21324J - Document J, Product Chemistry Volume. Project Number: TK0201751, PC/15/071. Unpublished study prepared by Syngenta Crop Protection, LLC. 23p. |
| 49713115 | Hipps, A.; Phelps, L. (2015) Pasteuria Nishizawae/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21324J - Document MIII, Section 1, Product Chemistry Volume. Project Number: TK0201751, PC/15/069. Unpublished study prepared by Syngenta Crop Protection, LLC. 31p. |
| 49980501 | Phelps, L. (2016) Pasteuria nishizawae, PN1/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21988B - Document J: Product Chemistry Volume. Project Number: TK0287649, PC/16/094. Unpublished study prepared by Syngenta Crop Protection, LLC. 21p. |
| 49980509 | Hipps, A.; Phelps, L. (2016) Pasteuria nishizawae, Pn1/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21988B - Document MIII, Section 1: Product Chemistry Volume. Project Number: TK0287649, PC/16/092, PC/16/095. Unpublished study prepared by Syngenta Crop Protection, LLC. 31p. |
| 49984001 | O'Brien, L. (2016) Determination of Physical & Chemical Characteristics of F4189-1. Project Number: 2016PCP/THI2519, 00111, AP2016/006. Unpublished study prepared by Symbiotic Research, LLC. 226p. |
| 50424101 | Sparrow, K. (2017) A22353A - Document J: Product Chemistry Volume. Project Number: TK0236551, PC/17/059. Unpublished study prepared by Syngenta Crop Protection, LLC. 19p. |
| 50424115 | Sparrow, K. (2017) A22353A - Document MIII, Section 1: Product Chemistry Volume. Project Number: TK0236551, PC/17/061. Unpublished study prepared by Syngenta Crop Protection, LLC. 29p. |
| 50588201 | Hipps, A. (2018) A22388B - Document J - Product Chemistry Volume. Project Number: PC/18/062. Unpublished study prepared by Syngenta Crop Protection, LLC. 20p. |
| 50588215 | Hipps, A. (2018) A22388B - Document MIII, Section 1 - Product Chemistry Volume. Project Number: PC/18/060. Unpublished study prepared by Syngenta Crop Protection, LLC. 26p. |
| 51030001 | Shultz, K. (2019) Sharda Thiamethoxam Technical: Product Identity and Composition, Description of Materials, Manufacturing Process, Discussion of Formation and Toxicity of Impurities and Certified Limits. Unpublished study prepared by Sharda Cropchem Limited. 65p. |
| 51049101 | Shultz, K. (2020) Sharda Thiamethoxam 25% WDG: Product Identity and Composition, Description of Materials, Description of the Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis and Certified Limits. Unpublished study prepared by Sharda USA LLC. 36p. |
| 51134201 | Shultz, K. (2020) Sharda Thiamethoxam 40% WDG: Product Identity and Composition, Description of Materials, Description of the Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis and Certified Limits. Unpublished study prepared by Sharda USA LLC. 68p. |
| 51199401 | Shultz, K. (2020) Sharda Thiamethoxam Technical: Product Identity and Composition, Description of Materials, Manufacturing Process, Discussion of Formation and Toxicity of Impurities and Certified Limits. Unpublished study prepared by Sharda Cropchem Limited. 50p. |
| 51208501 | Shultz, K. (2020) Sharda Thiamethoxam 75% SG Product Identity and Composition, Description of Materials, Description of the Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis and Certified Limits. Unpublished study prepared by Sharda USA, LLC. 55p. |
| 51221101 | Hardie, R. (2020) Sharda Thiamethoxam 12.6% + Lambda 9.48% SC; ABN: Spiderman Product Identity and Composition, Description of Materials, Description of the Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis and Certified Limits. Unpublished study prepared by Sharda USA, LLC. 109p. |
| 51229001 | Hipps, A.; Sparrow, K. (2021) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane/Isocycloseram A23273A - Manufacturing Process Description and Supporting Data Product Chemistry Volume. Project Number: PC/21/031. Unpublished study prepared by Syngenta Crop Protection, LLC. 318p. |
| 51229101 | Sparrow, K.; Hipps, A. (2021) A23250A ¿ Manufacturing Process Description and Supporting Data: Product Chemistry Volume. Project Number: PC/21/033. Unpublished study prepared by Syngenta Crop Protection, LLC. 346p. |
| 51288401 | Hipps, A. (2021) Picarbutrazox/Fludioxonil/Thiamethoxam/Metalaxyl-M & SIsomer/Sedaxane A23240B: Manufacturing Process Description and Supporting Data Product Chemistry Volume. Project Number: PC/20/056. Unpublished study prepared by Syngenta Crop Protection, LLC. 352p. |
| 51289301 | Morrow, E. (2021) Thiamethoxam Technical (CGA293343) - Manufacturing Process Description and Supporting Data. Project Number: PC/21/041. Unpublished study prepared by Selvita S.A. and Syngenta Crop Protection Muenchwilen AG. 654p. |
| 51438801 | Pastor, K. (2021) Thiamethoxam Technical: Summary of OCSPP 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/02S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51438802 | Pastor, K. (2021) Thiamethoxam Technical: Product Identity and Composition. Project Number: ALB21/02. Unpublished study prepared by Albaugh, LLC. 66p. |
| 51625701 | Pastor, K. (2021) ST Premix IPZ-4: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/12S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625702 | Pastor, K. (2021) Albaugh IPZ-4: Product Identity and Composition. Project Number: ALB21/12. Unpublished study prepared by Albaugh, LLC. 152p. |
| 51625801 | Pastor, K. (2021) Thiamethoxam 5L: Summary of OPPTS Series Product Properties Test Guidelines. Project Number: ALB21/13S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625802 | Pastor, K. (2021) Thiamethoxam 5L: Product Identity and Composition. Project Number: ALB21/13. Unpublished study prepared by Albaugh, LLC. 107p. |

### 830.1700       Preliminary analysis

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46030901 | Sparrow, K. (2003) Manufacturing Process Description and Supporting Data for Thiamethoxam Technical (CGA293343). Project Number: PC/03/055, SA/1/1. Unpublished study prepared by Syngenta Crop Protection, Inc. 200 p. |
| 46567601 | Helmer, D. (2005) Interim Report: Field Termite Test of Commercial Wood Composites Treated with Janssen Experimental Termiticides: (Xamox 3 OL). Project Number: E26639. Unpublished study prepared by Michigan Technological University. 8 p. |
| 47436501 | Irrig, H. (2008) Thiamethoxam Technical (CGA293343)-Manufacturing Process Description and Supporting Data. Project Number: PC/08/028, 118462, 10351392/DOC. Unpublished study prepared by Syngenta Crop Protection. 30 p. |
| 47914901 | Sparrow, K. (2009) Thiamethoxam Technical (CGA293343) - Manufacturing Process Description and Supporting Data: Addendum to MRID 46030901: Final Report. Project Number: PC/09/053, 120030, 10394440/DOC. Unpublished study prepared by Syngenta Crop Protection, Inc. 37 p. |
| 49984001 | O'Brien, L. (2016) Determination of Physical & Chemical Characteristics of F4189-1. Project Number: 2016PCP/THI2519, 00111, AP2016/006. Unpublished study prepared by Symbiotic Research, LLC. 226p. |
| 50587201 | Hipps, A. (2018) Thiamethoxam Technical (CGA293343) - Document J: Product Chemistry Volume. Project Number: PC/18/065, CHMU170766, TK0294697. Unpublished study prepared by Syngenta Crop Protection, LLC. 121p. |
| 50588215 | Hipps, A. (2018) A22388B - Document MIII, Section 1 - Product Chemistry Volume. Project Number: PC/18/060. Unpublished study prepared by Syngenta Crop Protection, LLC. 26p. |
| 51030002 | Desai, H. (2007) Preliminary Analyes of Five Representative Production Batches of Thiamethoxam Technical Grade Active Ingredient (TGAI) to Determine Percent Thiamethoxam and to Quantify Its Associated Impurities. Project Number: 7018. Unpublished study prepared by Jai Research Foundation. 182p. |
| 51049101 | Shultz, K. (2020) Sharda Thiamethoxam 25% WDG: Product Identity and Composition, Description of Materials, Description of the Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis and Certified Limits. Unpublished study prepared by Sharda USA LLC. 36p. |
| 51134201 | Shultz, K. (2020) Sharda Thiamethoxam 40% WDG: Product Identity and Composition, Description of Materials, Description of the Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis and Certified Limits. Unpublished study prepared by Sharda USA LLC. 68p. |
| 51199402 | Desai, H. (2008) Preliminary Analyses of Five Representative Production Batches of Thiamethoxam Technical Grade Active Ingredient (TGAI) to Determine % Thiamethoxam and to Quantify its Associated Impurities. Project Number: 7017. Unpublished study prepared by Jai Research Foundation. 182p. |
| 51208501 | Shultz, K. (2020) Sharda Thiamethoxam 75% SG Product Identity and Composition, Description of Materials, Description of the Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis and Certified Limits. Unpublished study prepared by Sharda USA, LLC. 55p. |
| 51221101 | Hardie, R. (2020) Sharda Thiamethoxam 12.6% + Lambda 9.48% SC; ABN: Spiderman Product Identity and Composition, Description of Materials, Description of the Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis and Certified Limits. Unpublished study prepared by Sharda USA, LLC. 109p. |
| 51229001 | Hipps, A.; Sparrow, K. (2021) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane/Isocycloseram A23273A - Manufacturing Process Description and Supporting Data Product Chemistry Volume. Project Number: PC/21/031. Unpublished study prepared by Syngenta Crop Protection, LLC. 318p. |
| 51229101 | Sparrow, K.; Hipps, A. (2021) A23250A ¿ Manufacturing Process Description and Supporting Data: Product Chemistry Volume. Project Number: PC/21/033. Unpublished study prepared by Syngenta Crop Protection, LLC. 346p. |
| 51288401 | Hipps, A. (2021) Picarbutrazox/Fludioxonil/Thiamethoxam/Metalaxyl-M & SIsomer/Sedaxane A23240B: Manufacturing Process Description and Supporting Data Product Chemistry Volume. Project Number: PC/20/056. Unpublished study prepared by Syngenta Crop Protection, LLC. 352p. |
| 51289301 | Morrow, E. (2021) Thiamethoxam Technical (CGA293343) - Manufacturing Process Description and Supporting Data. Project Number: PC/21/041. Unpublished study prepared by Selvita S.A. and Syngenta Crop Protection Muenchwilen AG. 654p. |
| 51438801 | Pastor, K. (2021) Thiamethoxam Technical: Summary of OCSPP 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/02S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51438804 | Pastor, K. (2021) Qualitive and Quantiative Profile of the test substance Thiamethoxam (Five Batch Analysis). Project Number: 11180/030/033/13. Unpublished study prepared by Bioagri Laboratorios Ltda. 142p. |
| 51625701 | Pastor, K. (2021) ST Premix IPZ-4: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/12S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625801 | Pastor, K. (2021) Thiamethoxam 5L: Summary of OPPTS Series Product Properties Test Guidelines. Project Number: ALB21/13S. Unpublished study prepared by Albaugh, LLC. 7p. |

### 830.1750       Certified limits

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46016907 | Hipps, A. (2003) Manufacturing Process Description and Supporting Data for CGA173506/CGA293343/CGA329351 328 FS (A13641B). Project Number: PC/03/0325, AF/1492/1, 2872161. Unpublished study prepared by Syngenta Crop Protection, Inc. 193 p. |
| 46030901 | Sparrow, K. (2003) Manufacturing Process Description and Supporting Data for Thiamethoxam Technical (CGA293343). Project Number: PC/03/055, SA/1/1. Unpublished study prepared by Syngenta Crop Protection, Inc. 200 p. |
| 46308301 | Schilling, W. (2004) Manufacturing Process Description and Supporting Data for Fludioxonil/Thiamethoxam/Mefenoxam/Azoxystrobin FS (A14115A). Project Number: PC/04/021, T008912/03. Unpublished study prepared by Syngenta Crop Protection, Inc. 207 p. |
| 46412801 | Schilling, W. (2004) Manufacturing Process Description and Supporting Data for Thiamethoxam FS (600) (A9765N). Project Number: PC/04/091, SF/60/1. Unpublished study prepared by Syngenta Crop Protection, Inc. 238 p. |
| 46709001 | Schilling, W. (2005) Fludioxonil/Thiamethoxam/Mefenoxam FS (012.7/255019.2)(A14379B); (CruiserMaxx): Manufacturing Process Description and Supporting Data for Fludioxonil/Thiamethoxam/Mefenoxam FS (0.12.7/255.5/019.2)(A14379B); (CruiserMaxx). Project Number: PC/05/046, SF/111/1. Unpublished study prepared by Syngenta Crop Protection. 270 p. |
| 46716301 | Brady, M. (2005) CruiserMaxx Potato Insecticide and Fungicide (A14382A): Manufacturing Process Description and Supporting Data for CruiserMaxx Potato Insecticide and Fungicide (A14382A). Project Number: PC/05/048, SF/117/1. Unpublished study prepared by Syngenta Crop Protection, Inc. 253 p. |
| 46948102 | Phelps, L. (2006) Thiamethoxam RB (0.01)(A15236a): Manufacturing Process Description and Supporting Data for A15236A. Project Number: PC/06/092. Unpublished study prepared by Syngenta Crop Protection, Inc. 88 p. |
| 46948701 | Phelps, L. (2006) Manufacturing Process Description and Supporting Data for A15277A: (Final Report). Project Number: PC/06/094, 10099018/DOC, T001627/06. Unpublished study prepared by Syngenta Crop Protection, Inc. 84 p. |
| 47092501 | Schilling, W. (2006) Manufacturing Process Description and Supporting Data: Fludioxonil/Thiamethoxam/Mefanoxam SE (012/240/8/035/9) (A14909E): [also referred to in this volume as CGA173506/CGA293343/CGA329351 SE (012/240/8/035/9)]. Project Number: PC/06/130, SF/174/1, T003293/06. Unpublished study prepared by Syngenta Crop Protection Inc. 368 p. |
| 47111701 | Phelps, L. (2007) Manufacturing Process Description and Supporting Data for Thiamethoxam GR (0.33) (A12195E). Project Number: PC/07/021, SF/183/1, 21139. Unpublished study prepared by Syngenta Crop Protection, Inc. 73 p. |
| 47111801 | Phelps, L. (2007) Manufacturing Process Description and Supporting Data For Thiamethoxam GR (0.22) (A11859G). Project Number: PC/07/023. Unpublished study prepared by Syngenta Crop Protection, Inc. 73 p. |
| 47176501 | Sparrow, K (2007) Manufacturing Process Description and Supporting Data for Thiamethoxam SG (75) (A9549C). Project Number: PC/07/017, 116858, 10120766. Unpublished study prepared by Syngenta Crop Protection. 151 p. |
| 47234701 | Phelps, L. (2007) Manufacturing Process Description and Supporting Data for Thiamethoxam/Lambda-cyhalothrin GR (A15008B). Project Number: PC/07/055, T001477/07, 10288703/DOC. Unpublished study prepared by Syngenta Crop Protection. 72 p. |
| 47246701 | Schilling, W. (2007) Manufacturing Process Description and Supporting Data for Difenoconazole/Thiamethoxam/Mefenoxam FS (A15424B). Project Number: PC/07/053. Unpublished study prepared by Syngenta Crop Protection, Inc. 452 p. |
| 47420901 | Sparrow, K. (2007) Thiamethoxam/ Chlorantraniliprole SC (200/100) (A15452B): Manufacturing Process Description and Supporting Data for Thiamethoxam/ Chlorantraniliprole SC (200/100) (A15452B). Project Number: PC/07/032, 116727. Unpublished study prepared by Syngenta Crop Protection. 322 p. |
| 47424101 | Sparrow, K. (2007) Thiamethoxam/ Chlorantraniliprole WG (20/20) (A15645A): Manufacturing Process Description and Supporting Data for Thiamethoxam/ Chlorantraniliprole WG (20/20) (A15645A). Project Number: PC/07/034, SF/210/1, 117172. Unpublished study prepared by Syngenta Crop Protection, Inc. 201 p. |
| 47424301 | Schilling, W. (2007) Thiamethoxam/ Abamectin FS (A16115A): Manufacturing Process and Supporting Data for Thiamethoxam/ Abamectin FS (A16115A). Project Number: PC/07/106, SF/250/1, 10338410. Unpublished study prepared by Syngenta Crop Protection, Inc. 345 p. |
| 47579601 | Sparrow, K. (2008) Lambda Cyhalothrin/Thiamethoxam ME (A16424B)-Manufacturing Process Description and Supporting Data. Project Number: PC/08/036. Unpublished study prepared by Syngenta Crop Protection. 290 p. |
| 47579703 | Sparrow, K. (2008) Lambda Cyhalothrin/Thiamethoxam ME (A16423B)-Manufacturing Process Description and Supporting Data - PC Volume. Project Number: PC/08/034, 10361915/DOC, T0011538/08. Unpublished study prepared by Syngenta Crop Protection, Inc. 289 p. |
| 47618401 | Sparrow, K. (2007) Manufacturing Process Description and Supporting Data for Thiamethoxam GR (.2) (A16245A): (Meridian 0.20 G). Project Number: PC/07/091, SF/247/1, 112926/00/8. Unpublished study prepared by Syngenta Crop Protection, Inc. 121 p. |
| 47642002 | Sparrow, K. (2007) Manufacturing Process Description and Supporting Data for Thiamethoxam GR (.14) (A16244A). Project Number: 10326407/DOC, PC/07/089, SF/246/1. Unpublished study prepared by Syngenta Crop Protection. 121 p. |
| 47702701 | Irrig, H. (2009) Thiamethoxam/Abamectin SC (A15543C) - Manufacturing Process Description and Supporting Data. Project Number: PC/08/069, 140/X, BE130. Unpublished study prepared by Syngenta Crop Protection, Inc. 434 p. |
| 47722901 | Irrig, H. (2009) Abamectin/Thiamethoxam FS (A17015A) - Manufacturing Process Description and Supporting Data. Project Number: PC/09/029, 10375345/DOC, T007335/08. Unpublished study prepared by Syngenta Crop Protection, Inc. 444 p. |
| 47914901 | Sparrow, K. (2009) Thiamethoxam Technical (CGA293343) - Manufacturing Process Description and Supporting Data: Addendum to MRID 46030901: Final Report. Project Number: PC/09/053, 120030, 10394440/DOC. Unpublished study prepared by Syngenta Crop Protection, Inc. 37 p. |
| 47915208 | Whaley, S. (2009) Agita 1GB Fly Bait: Product Identity and Composition. Unpublished study prepared by Novartis Animal Health US, Inc. 64 p. |
| 47915411 | Whaley, S. (2009) Agita 10 WG: Product Identity and Composition. Unpublished study prepared by Novartis Animal Health US, Inc. 70 p. |
| 47919802 | Stulz, J. (2010) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane FS (036.9/030.7/009/5/008) (A17511B) - Document J: Confidential Information. Project Number: A17511B/10004/OCR, PC/10/042, A17511B/10004. Unpublished study prepared by Syngenta Crop Protection, Inc. 21 p. |
| 47934701 | Sparrow, K. (2009) Difenoconazole/ Thiamethoxam/ Lambda Cyhalothrin ME RTU: Manufacturing Process Description and Supporting Data. Project Number: PC/09/093. Unpublished study prepared by Syngenta Crop Protection, Inc. 248 p. |
| 47934902 | Sparrow, K. (2009) Difenoconazole/Thiamethoxam/Lambda Cyhalothrin ME Concentrate (A17571B) - Manufacturing Process Description and Supporting Data: PC Volume. Project Number: PC/09/091. Unpublished study prepared by Syngenta Crop Protection, Inc. 248 p. |
| 47962501 | Hipps, A. (2010) Thiamethoxam, Fludioxonil, Azoxystrobin, Mefenoxam: Cruiser Maxx Rice (A17469B): Manufacturing Process, Description and Supporting Data. Project Number: PC/10/006, TK0016136. Unpublished study prepared by Syngenta Crop Protection, Inc. 339 p. |
| 47973301 | Sparrow, K. (2010) Thiamethoxam RB (.003) (A14116A): Manufacturing Process Description and Supporting Data. Project Number: PC/10/001/OCR, A14116A/50005. Unpublished study prepared by Syngenta Crop Protection, Inc. 50 p. |
| 48081701 | Hipps, A. (2010) Thiamethoxam/Fludioxonil/Mefenoxam/Azoxystrobin FS (A18046A): Manufacturing Process Description and Supporting Data. Project Number: PC/10/056/OCR, TK0025137. Unpublished study prepared by Syngenta Crop Protection, Inc. 331 p. |
| 48300801 | Hipps, A. (2006) Abamectin/Thiamethoxam/Thiabendazole/Fludioxonil/Mefenoxam/Azoxystrobin: Activa Complete Corn 500 Premix (A18043A) - Manufacturing Process Description and Supporting Data. Project Number: PC/10/078. Unpublished study prepared by Syngenta Crop Protection, Inc. 280 p. |
| 48342602 | Hipps, A. (2010) Avicta Complete Corn 250 Premix (A18112D) - Manufacturing Process Description and Supporting Data. Project Number: PC/10/100, 10436171/DOC/OCR, TK0028457. Unpublished study prepared by Syngenta Crop Protection, Inc. 288 p. |
| 48381501 | Sparrow, K. (2011) Azoxystrobin/Thiamethoxam GR (A18445A) - Manufacturing Process Description and Supporting Data. Project Number: PC/11/017/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 96 p. |
| 48491901 | Hipps, A. (2011) Cruiser Maxx + Thiabendazole (A18212C) - Manufacturing Process Description and Supporting Data. Project Number: PC/11/033/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 208 p. |
| 48506801 | Hipps, A. (2011) CruiserMaxx Potato Extreme (A18232A): Manufacturing Process Description and Supporting Data. Project Number: PC/11/042/OCR, TK0056217. Unpublished study prepared by Syngenta Crop Protection, LLC. 244 p. |
| 48540901 | Hipps, A. (2011) Thiamethoxam, Mefenoxam, Fludioxonil: THX/MXM/FDL Colorless (A18901A) - Manufacturing Process Description and Supporting Data. Project Number: PC/11/044, PC/11/044/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 267p. |
| 48579701 | Sparrow, K. (2011) Lambda-Cyhalothrin/Thiamethoxam SC (A18484A) - Manufacturing Process Description and Supporting Data. Project Number: PC/11/015/OCR, TK0053840, 10448255/DOC. Unpublished study prepared by Syngenta Crop Protection, LLC. 123p. |
| 48644001 | Hipps, A. (2011) Dynasty PD + Thiamethoxam (A17461A) - Manufacturing Process Description and Supporting Data. Project Number: PC/11/029, PC/11/029/OCR, SF/439/1. Unpublished study prepared by Syngenta Crop Protection, LLC. 146p. |
| 48667602 | Sparrow, K. (2011) Abamectin/Thiamethoxam SC (A15913B) - Manufacturing Process Description and Supporting Data. Project Number: PC/11/054/OCR 10343592/DOC 10371320/DOC. Unpublished study prepared by Syngenta Crop Protection, LLC. 182p. |
| 48682401 | Hipps, A. (2012) Adage Deluxe (A19092D) - Manufacturing Process Description and Supporting Data. Project Number: PC/12/005/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 256p. |
| 48682501 | Hipps, A. (2012) Adage Premier (A19093D) - Manufacturing Process Description and Supporting Data. Project Number: PC/12/007/OCR, SF/535/1. Unpublished study prepared by Syngenta Crop Protection, LLC. 267p. |
| 48758401 | Hipps, A. (2012) SYT0113 (A19511A) - Manufacturing Process Description and Supporting Data. Project Number: PC/12/052/OCR, SF/536/1. Unpublished study prepared by Syngenta Crop Protection, LLC. 263p. |
| 48836001 | Hipps, A. (2012) Avicta Complete Beans 500 (A19409A) - Manufacturing Process Description and Supporting Data. Project Number: PC/12/026/OCR, SF/558/1. Unpublished study prepared by Syngenta Crop Protection, LLC. 262p. |
| 48836201 | Hipps, A. (2012) CruiserMaxx Supreme (A19094D) - Manufacturing Process Description and Supporting Data. Project Number: PC/12/009. Unpublished study prepared by Syngenta Crop Protection, LLC. 256p. |
| 48836401 | Sparrow, K. (2011) Lambda Cyhalothrin/Thiamethoxam ZC (A18481A) - Manufacturing Process Description and Supporting Data. Project Number: PC/11/019/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 151p. |
| 49070404 | Hipps, A. (2013) Thiamethoxam/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxane FS (A19997A) - Document J: Confidential Business Information. Project Number: PC/13/018/OCR. Unpublished study prepared by Syngenta Crop Protection. 22p. |
| 49120201 | Hipps, A. (2013) Thiamethoxam/Difenoconazole/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxan: A20307A - Document J: Product Chemistry: (Group A). Project Number: TK0067821/OCR, PC/13/057. Unpublished study prepared by Syngenta Crop Protection, LLC. 25p. |
| 49269101 | Hipps, A. (2013) Difenoconazole/Thiamethoxam/Lambda Cyhlothrin ME RTU (A17570B) - Manufacturing Process Description and Supporting Data: Product Chemistry Volume. Project Number: PC/13/078. Unpublished study prepared by Syngenta Crop Protection, LLC. 47p. |
| 49282701 | Hipps, A. (2014) Abamectin/Thiamethoxam FS (A20703C) - Manufacturing Process Description and Supporting Data. Project Number: PC/14/012, SF/664/1, TK0193415. Unpublished study prepared by Syngenta Crop Protection, LLC. 221p. |
| 49283002 | Hipps, A. (2014) Thiamethoxam/Fludioxonil/Difenoconazole/Sedaxane: A20588A - Document J: Product Chemistry Volume. Project Number: TK0068469, PC/14/005. Unpublished study prepared by Syngenta Crop Protection, LLC. 24p. |
| 49326101 | Heuser, J. (2014) Lambda-cyhalothrin/Azoxystrobin/Propiconazole/Thiamethoxam ZE (A20007C) - Manufacturing Process Description and Supporting Data. Project Number: TK0215134, PC/13/087, TK0215129. Unpublished study prepared by Syngenta Crop Protection, LLC. 207p. |
| 49383901 | Birchett, J. (2014) Thiamethoxam/Mefenoxam/Fludioxonil/Thiabendazole/Sedaxane FS (A21073A) - Manufacturing Process Description and Supporting Data. Project Number: TK0224811, PC/14/033, 10547306. Unpublished study prepared by Syngenta Crop Protection, LLC. 243p. |
| 49524306 | Hipps, A. (2015) Thiamethoxam/Metalaxyl-M and S-isomer (Mefenoxam)/Fludioxonil/Thiabendazole/Sedaxane: A21174B - Document J - Product Chemistry Volume. Project Number: TK0149603, PC/15/004. Unpublished study prepared by Syngenta Crop Protection, LLC. 25p. |
| 49524401 | Hipps, A. (2015) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane/Gibberellin A4/A7/Indolebutyric acid/Kinetin FS (A21185B) - Manufacturing Process Description and Supporting Data - PC Volume. Project Number: TK0067181, PC/15/006, USGR141551. Unpublished study prepared by Syngenta Crop Protection, LLC. 313p. |
| 49712202 | Hipps, A. (2015) A20903A - Document J - Product Chemistry Volume - Confidential Information. Project Number: PC/15/092. Unpublished study prepared by Syngenta Crop Protection, LLC. 18p. |
| 49713101 | Hipps, A. (2015) Pasteuria Nishizawae/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21324J - Document J, Product Chemistry Volume. Project Number: TK0201751, PC/15/071. Unpublished study prepared by Syngenta Crop Protection, LLC. 23p. |
| 49980501 | Phelps, L. (2016) Pasteuria nishizawae, PN1/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21988B - Document J: Product Chemistry Volume. Project Number: TK0287649, PC/16/094. Unpublished study prepared by Syngenta Crop Protection, LLC. 21p. |
| 49984001 | O'Brien, L. (2016) Determination of Physical & Chemical Characteristics of F4189-1. Project Number: 2016PCP/THI2519, 00111, AP2016/006. Unpublished study prepared by Symbiotic Research, LLC. 226p. |
| 50424101 | Sparrow, K. (2017) A22353A - Document J: Product Chemistry Volume. Project Number: TK0236551, PC/17/059. Unpublished study prepared by Syngenta Crop Protection, LLC. 19p. |
| 50588201 | Hipps, A. (2018) A22388B - Document J - Product Chemistry Volume. Project Number: PC/18/062. Unpublished study prepared by Syngenta Crop Protection, LLC. 20p. |
| 50588215 | Hipps, A. (2018) A22388B - Document MIII, Section 1 - Product Chemistry Volume. Project Number: PC/18/060. Unpublished study prepared by Syngenta Crop Protection, LLC. 26p. |
| 51030001 | Shultz, K. (2019) Sharda Thiamethoxam Technical: Product Identity and Composition, Description of Materials, Manufacturing Process, Discussion of Formation and Toxicity of Impurities and Certified Limits. Unpublished study prepared by Sharda Cropchem Limited. 65p. |
| 51049101 | Shultz, K. (2020) Sharda Thiamethoxam 25% WDG: Product Identity and Composition, Description of Materials, Description of the Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis and Certified Limits. Unpublished study prepared by Sharda USA LLC. 36p. |
| 51134201 | Shultz, K. (2020) Sharda Thiamethoxam 40% WDG: Product Identity and Composition, Description of Materials, Description of the Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis and Certified Limits. Unpublished study prepared by Sharda USA LLC. 68p. |
| 51199401 | Shultz, K. (2020) Sharda Thiamethoxam Technical: Product Identity and Composition, Description of Materials, Manufacturing Process, Discussion of Formation and Toxicity of Impurities and Certified Limits. Unpublished study prepared by Sharda Cropchem Limited. 50p. |
| 51208501 | Shultz, K. (2020) Sharda Thiamethoxam 75% SG Product Identity and Composition, Description of Materials, Description of the Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis and Certified Limits. Unpublished study prepared by Sharda USA, LLC. 55p. |
| 51221101 | Hardie, R. (2020) Sharda Thiamethoxam 12.6% + Lambda 9.48% SC; ABN: Spiderman Product Identity and Composition, Description of Materials, Description of the Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis and Certified Limits. Unpublished study prepared by Sharda USA, LLC. 109p. |
| 51229001 | Hipps, A.; Sparrow, K. (2021) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane/Isocycloseram A23273A - Manufacturing Process Description and Supporting Data Product Chemistry Volume. Project Number: PC/21/031. Unpublished study prepared by Syngenta Crop Protection, LLC. 318p. |
| 51229101 | Sparrow, K.; Hipps, A. (2021) A23250A ¿ Manufacturing Process Description and Supporting Data: Product Chemistry Volume. Project Number: PC/21/033. Unpublished study prepared by Syngenta Crop Protection, LLC. 346p. |
| 51288401 | Hipps, A. (2021) Picarbutrazox/Fludioxonil/Thiamethoxam/Metalaxyl-M & SIsomer/Sedaxane A23240B: Manufacturing Process Description and Supporting Data Product Chemistry Volume. Project Number: PC/20/056. Unpublished study prepared by Syngenta Crop Protection, LLC. 352p. |
| 51289301 | Morrow, E. (2021) Thiamethoxam Technical (CGA293343) - Manufacturing Process Description and Supporting Data. Project Number: PC/21/041. Unpublished study prepared by Selvita S.A. and Syngenta Crop Protection Muenchwilen AG. 654p. |
| 51438801 | Pastor, K. (2021) Thiamethoxam Technical: Summary of OCSPP 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/02S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51438802 | Pastor, K. (2021) Thiamethoxam Technical: Product Identity and Composition. Project Number: ALB21/02. Unpublished study prepared by Albaugh, LLC. 66p. |
| 51625701 | Pastor, K. (2021) ST Premix IPZ-4: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/12S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625702 | Pastor, K. (2021) Albaugh IPZ-4: Product Identity and Composition. Project Number: ALB21/12. Unpublished study prepared by Albaugh, LLC. 152p. |
| 51625801 | Pastor, K. (2021) Thiamethoxam 5L: Summary of OPPTS Series Product Properties Test Guidelines. Project Number: ALB21/13S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625802 | Pastor, K. (2021) Thiamethoxam 5L: Product Identity and Composition. Project Number: ALB21/13. Unpublished study prepared by Albaugh, LLC. 107p. |

### 830.1800       Enforcement analytical method

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46016907 | Hipps, A. (2003) Manufacturing Process Description and Supporting Data for CGA173506/CGA293343/CGA329351 328 FS (A13641B). Project Number: PC/03/0325, AF/1492/1, 2872161. Unpublished study prepared by Syngenta Crop Protection, Inc. 193 p. |
| 46030901 | Sparrow, K. (2003) Manufacturing Process Description and Supporting Data for Thiamethoxam Technical (CGA293343). Project Number: PC/03/055, SA/1/1. Unpublished study prepared by Syngenta Crop Protection, Inc. 200 p. |
| 46308301 | Schilling, W. (2004) Manufacturing Process Description and Supporting Data for Fludioxonil/Thiamethoxam/Mefenoxam/Azoxystrobin FS (A14115A). Project Number: PC/04/021, T008912/03. Unpublished study prepared by Syngenta Crop Protection, Inc. 207 p. |
| 46412801 | Schilling, W. (2004) Manufacturing Process Description and Supporting Data for Thiamethoxam FS (600) (A9765N). Project Number: PC/04/091, SF/60/1. Unpublished study prepared by Syngenta Crop Protection, Inc. 238 p. |
| 46709001 | Schilling, W. (2005) Fludioxonil/Thiamethoxam/Mefenoxam FS (012.7/255019.2)(A14379B); (CruiserMaxx): Manufacturing Process Description and Supporting Data for Fludioxonil/Thiamethoxam/Mefenoxam FS (0.12.7/255.5/019.2)(A14379B); (CruiserMaxx). Project Number: PC/05/046, SF/111/1. Unpublished study prepared by Syngenta Crop Protection. 270 p. |
| 46716301 | Brady, M. (2005) CruiserMaxx Potato Insecticide and Fungicide (A14382A): Manufacturing Process Description and Supporting Data for CruiserMaxx Potato Insecticide and Fungicide (A14382A). Project Number: PC/05/048, SF/117/1. Unpublished study prepared by Syngenta Crop Protection, Inc. 253 p. |
| 46948102 | Phelps, L. (2006) Thiamethoxam RB (0.01)(A15236a): Manufacturing Process Description and Supporting Data for A15236A. Project Number: PC/06/092. Unpublished study prepared by Syngenta Crop Protection, Inc. 88 p. |
| 46948701 | Phelps, L. (2006) Manufacturing Process Description and Supporting Data for A15277A: (Final Report). Project Number: PC/06/094, 10099018/DOC, T001627/06. Unpublished study prepared by Syngenta Crop Protection, Inc. 84 p. |
| 47092501 | Schilling, W. (2006) Manufacturing Process Description and Supporting Data: Fludioxonil/Thiamethoxam/Mefanoxam SE (012/240/8/035/9) (A14909E): [also referred to in this volume as CGA173506/CGA293343/CGA329351 SE (012/240/8/035/9)]. Project Number: PC/06/130, SF/174/1, T003293/06. Unpublished study prepared by Syngenta Crop Protection Inc. 368 p. |
| 47111701 | Phelps, L. (2007) Manufacturing Process Description and Supporting Data for Thiamethoxam GR (0.33) (A12195E). Project Number: PC/07/021, SF/183/1, 21139. Unpublished study prepared by Syngenta Crop Protection, Inc. 73 p. |
| 47111801 | Phelps, L. (2007) Manufacturing Process Description and Supporting Data For Thiamethoxam GR (0.22) (A11859G). Project Number: PC/07/023. Unpublished study prepared by Syngenta Crop Protection, Inc. 73 p. |
| 47176501 | Sparrow, K (2007) Manufacturing Process Description and Supporting Data for Thiamethoxam SG (75) (A9549C). Project Number: PC/07/017, 116858, 10120766. Unpublished study prepared by Syngenta Crop Protection. 151 p. |
| 47234701 | Phelps, L. (2007) Manufacturing Process Description and Supporting Data for Thiamethoxam/Lambda-cyhalothrin GR (A15008B). Project Number: PC/07/055, T001477/07, 10288703/DOC. Unpublished study prepared by Syngenta Crop Protection. 72 p. |
| 47246701 | Schilling, W. (2007) Manufacturing Process Description and Supporting Data for Difenoconazole/Thiamethoxam/Mefenoxam FS (A15424B). Project Number: PC/07/053. Unpublished study prepared by Syngenta Crop Protection, Inc. 452 p. |
| 47420901 | Sparrow, K. (2007) Thiamethoxam/ Chlorantraniliprole SC (200/100) (A15452B): Manufacturing Process Description and Supporting Data for Thiamethoxam/ Chlorantraniliprole SC (200/100) (A15452B). Project Number: PC/07/032, 116727. Unpublished study prepared by Syngenta Crop Protection. 322 p. |
| 47424101 | Sparrow, K. (2007) Thiamethoxam/ Chlorantraniliprole WG (20/20) (A15645A): Manufacturing Process Description and Supporting Data for Thiamethoxam/ Chlorantraniliprole WG (20/20) (A15645A). Project Number: PC/07/034, SF/210/1, 117172. Unpublished study prepared by Syngenta Crop Protection, Inc. 201 p. |
| 47424301 | Schilling, W. (2007) Thiamethoxam/ Abamectin FS (A16115A): Manufacturing Process and Supporting Data for Thiamethoxam/ Abamectin FS (A16115A). Project Number: PC/07/106, SF/250/1, 10338410. Unpublished study prepared by Syngenta Crop Protection, Inc. 345 p. |
| 47579601 | Sparrow, K. (2008) Lambda Cyhalothrin/Thiamethoxam ME (A16424B)-Manufacturing Process Description and Supporting Data. Project Number: PC/08/036. Unpublished study prepared by Syngenta Crop Protection. 290 p. |
| 47579703 | Sparrow, K. (2008) Lambda Cyhalothrin/Thiamethoxam ME (A16423B)-Manufacturing Process Description and Supporting Data - PC Volume. Project Number: PC/08/034, 10361915/DOC, T0011538/08. Unpublished study prepared by Syngenta Crop Protection, Inc. 289 p. |
| 47618401 | Sparrow, K. (2007) Manufacturing Process Description and Supporting Data for Thiamethoxam GR (.2) (A16245A): (Meridian 0.20 G). Project Number: PC/07/091, SF/247/1, 112926/00/8. Unpublished study prepared by Syngenta Crop Protection, Inc. 121 p. |
| 47642002 | Sparrow, K. (2007) Manufacturing Process Description and Supporting Data for Thiamethoxam GR (.14) (A16244A). Project Number: 10326407/DOC, PC/07/089, SF/246/1. Unpublished study prepared by Syngenta Crop Protection. 121 p. |
| 47702701 | Irrig, H. (2009) Thiamethoxam/Abamectin SC (A15543C) - Manufacturing Process Description and Supporting Data. Project Number: PC/08/069, 140/X, BE130. Unpublished study prepared by Syngenta Crop Protection, Inc. 434 p. |
| 47722901 | Irrig, H. (2009) Abamectin/Thiamethoxam FS (A17015A) - Manufacturing Process Description and Supporting Data. Project Number: PC/09/029, 10375345/DOC, T007335/08. Unpublished study prepared by Syngenta Crop Protection, Inc. 444 p. |
| 47914901 | Sparrow, K. (2009) Thiamethoxam Technical (CGA293343) - Manufacturing Process Description and Supporting Data: Addendum to MRID 46030901: Final Report. Project Number: PC/09/053, 120030, 10394440/DOC. Unpublished study prepared by Syngenta Crop Protection, Inc. 37 p. |
| 47915209 | Suri, B. (2001) Analytical Method BE-258.H.3 for CGA 293343 and (Z)-9-Tricosene in Agita 1GB Fly Bait Formulation A-12339 A. Project Number: BE/258/H/3. Unpublished study prepared by Novartis Animal Health, Inc. 41 p. |
| 47915412 | Suri, B. (1998) Analytical Method BE-238/1 for CGA 293343 and (Z)-9-Tricosene in Agita 10 WG Formulation A-11234 A. Project Number: BE/238/1. Unpublished study prepared by Novartis Animal Health US, Inc. 13 p. |
| 47919807 | Sigmon, J. (2010) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane FS: (036.9)/030.7/009.5/008)---Determination of CGA169374, CGA293343, CGA329351 and SYN524464 in A17511B: Analytical Method SF-316/1. Project Number: T000994/07/OCR, SF/316/1/OCR, PC/10/033. Unpublished study prepared by Syngenta Crop Protection, Inc. 11 p. |
| 47919808 | Sigmon, J. (2010) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane FS: (036.9/030.7/009.5/008)---A17511B Validation of Analytical Method SF-316-1. Project Number: TK0020773/OCR, PC/10/034, TK0020773. Unpublished study prepared by Syngenta Crop Protection, Inc. 18 p. |
| 47934701 | Sparrow, K. (2009) Difenoconazole/ Thiamethoxam/ Lambda Cyhalothrin ME RTU: Manufacturing Process Description and Supporting Data. Project Number: PC/09/093. Unpublished study prepared by Syngenta Crop Protection, Inc. 248 p. |
| 47934902 | Sparrow, K. (2009) Difenoconazole/Thiamethoxam/Lambda Cyhalothrin ME Concentrate (A17571B) - Manufacturing Process Description and Supporting Data: PC Volume. Project Number: PC/09/091. Unpublished study prepared by Syngenta Crop Protection, Inc. 248 p. |
| 47962501 | Hipps, A. (2010) Thiamethoxam, Fludioxonil, Azoxystrobin, Mefenoxam: Cruiser Maxx Rice (A17469B): Manufacturing Process, Description and Supporting Data. Project Number: PC/10/006, TK0016136. Unpublished study prepared by Syngenta Crop Protection, Inc. 339 p. |
| 47973301 | Sparrow, K. (2010) Thiamethoxam RB (.003) (A14116A): Manufacturing Process Description and Supporting Data. Project Number: PC/10/001/OCR, A14116A/50005. Unpublished study prepared by Syngenta Crop Protection, Inc. 50 p. |
| 48081701 | Hipps, A. (2010) Thiamethoxam/Fludioxonil/Mefenoxam/Azoxystrobin FS (A18046A): Manufacturing Process Description and Supporting Data. Project Number: PC/10/056/OCR, TK0025137. Unpublished study prepared by Syngenta Crop Protection, Inc. 331 p. |
| 48300801 | Hipps, A. (2006) Abamectin/Thiamethoxam/Thiabendazole/Fludioxonil/Mefenoxam/Azoxystrobin: Activa Complete Corn 500 Premix (A18043A) - Manufacturing Process Description and Supporting Data. Project Number: PC/10/078. Unpublished study prepared by Syngenta Crop Protection, Inc. 280 p. |
| 48342602 | Hipps, A. (2010) Avicta Complete Corn 250 Premix (A18112D) - Manufacturing Process Description and Supporting Data. Project Number: PC/10/100, 10436171/DOC/OCR, TK0028457. Unpublished study prepared by Syngenta Crop Protection, Inc. 288 p. |
| 48381501 | Sparrow, K. (2011) Azoxystrobin/Thiamethoxam GR (A18445A) - Manufacturing Process Description and Supporting Data. Project Number: PC/11/017/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 96 p. |
| 48432503 | Sparrow, K. (2011) Thiamethoxam/ Cyantraniliprole WG (20/20): A16901B- Analytical Method SF-376/1: PC Volume. Project Number: SF/376/1, PC/11/058. Unpublished study prepared by Syngenta Crop Protection, LLC. 11 p. |
| 48432504 | Sparrow, K. (2011) Thiamethoxam/ Cyantraniliprole WG (20/20): A16901B - Validation of Analytical Method SF-376/1: PC Volume. Project Number: 120587, PC/11/059, SF/376/1. Unpublished study prepared by Syngenta Crop Protection, LLC. 16 p. |
| 48468001 | Sparrow, K. (2011) Defenoconazole/Thiamethoxam/Lambda Cyhalothrin ME RTU (A17570B) - Manufacturing Process Description and Supporting Data. Project Number: PC/11/048. Unpublished study prepared by Syngenta Crop Protection. 44 p. |
| 48468201 | Sparrow, K. (2011) Difenoconazole/Thiamethoxam/Lambda Cyhalothrin ME Concentrate (A17571B) Manufacturing Process Description and Supporting Data. Project Number: PC/11/050, 28052. Unpublished study prepared by Syngenta Crop Protection, LLC. 44 p. |
| 48491901 | Hipps, A. (2011) Cruiser Maxx + Thiabendazole (A18212C) - Manufacturing Process Description and Supporting Data. Project Number: PC/11/033/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 208 p. |
| 48506801 | Hipps, A. (2011) CruiserMaxx Potato Extreme (A18232A): Manufacturing Process Description and Supporting Data. Project Number: PC/11/042/OCR, TK0056217. Unpublished study prepared by Syngenta Crop Protection, LLC. 244 p. |
| 48540901 | Hipps, A. (2011) Thiamethoxam, Mefenoxam, Fludioxonil: THX/MXM/FDL Colorless (A18901A) - Manufacturing Process Description and Supporting Data. Project Number: PC/11/044, PC/11/044/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 267p. |
| 48579701 | Sparrow, K. (2011) Lambda-Cyhalothrin/Thiamethoxam SC (A18484A) - Manufacturing Process Description and Supporting Data. Project Number: PC/11/015/OCR, TK0053840, 10448255/DOC. Unpublished study prepared by Syngenta Crop Protection, LLC. 123p. |
| 48644001 | Hipps, A. (2011) Dynasty PD + Thiamethoxam (A17461A) - Manufacturing Process Description and Supporting Data. Project Number: PC/11/029, PC/11/029/OCR, SF/439/1. Unpublished study prepared by Syngenta Crop Protection, LLC. 146p. |
| 48667602 | Sparrow, K. (2011) Abamectin/Thiamethoxam SC (A15913B) - Manufacturing Process Description and Supporting Data. Project Number: PC/11/054/OCR 10343592/DOC 10371320/DOC. Unpublished study prepared by Syngenta Crop Protection, LLC. 182p. |
| 48682401 | Hipps, A. (2012) Adage Deluxe (A19092D) - Manufacturing Process Description and Supporting Data. Project Number: PC/12/005/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 256p. |
| 48682501 | Hipps, A. (2012) Adage Premier (A19093D) - Manufacturing Process Description and Supporting Data. Project Number: PC/12/007/OCR, SF/535/1. Unpublished study prepared by Syngenta Crop Protection, LLC. 267p. |
| 48735201 | Sparrow, K. (2011) Thiamethoxam RB (A14116A) - Manufacturing Process Description and Supporting Data (Addendum to MRID No.: 47973301): Optigard Liquid Ant Bait. Project Number: PC/11/106. Unpublished study prepared by Syngenta Crop Protection. 39p. |
| 48758401 | Hipps, A. (2012) SYT0113 (A19511A) - Manufacturing Process Description and Supporting Data. Project Number: PC/12/052/OCR, SF/536/1. Unpublished study prepared by Syngenta Crop Protection, LLC. 263p. |
| 48836001 | Hipps, A. (2012) Avicta Complete Beans 500 (A19409A) - Manufacturing Process Description and Supporting Data. Project Number: PC/12/026/OCR, SF/558/1. Unpublished study prepared by Syngenta Crop Protection, LLC. 262p. |
| 48836201 | Hipps, A. (2012) CruiserMaxx Supreme (A19094D) - Manufacturing Process Description and Supporting Data. Project Number: PC/12/009. Unpublished study prepared by Syngenta Crop Protection, LLC. 256p. |
| 48836401 | Sparrow, K. (2011) Lambda Cyhalothrin/Thiamethoxam ZC (A18481A) - Manufacturing Process Description and Supporting Data. Project Number: PC/11/019/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 151p. |
| 49070406 | Sigmon, J. (2013) Thiamethoxam/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxane FS (A19997A) - Analytical Method SF-578/1. Project Number: TK0178974/OCR, PC/13/020. Unpublished study prepared by Syngenta Crop Protection. 13p. |
| 49070407 | Perine, S. (2013) A19997A - Validation of Analytical Method SF-578/1: Final Report. Project Number: TK0178974/OCR, PC/13/022. Unpublished study prepared by Syngenta Crop Protection. 27p. |
| 49120106 | Sigmon, J. (2013) Thiamethoxam, Difenoconazole, Metalaxyl-M (Mefenoxam), Fludioxonil, Sedaxane Analytical Method SF-624/2 - Determination of CGA169374, CGA173506, CGA293343, SYN524464 in A20477A: Analytical Method. Project Number: TK0178972, 10528404, SF/624/2. Unpublished study prepared by Syngenta Crop Protection, LLC. 13p. |
| 49120107 | Perine, S. (2013) Thiamethoxam, Difenoconazole, Metalaxyl-M (Mefenoxam), Fludioxonil, Sedaxane: A20477A - Validation of Analytical Method SF-624/2: Final Report. Project Number: TK0178972, 10527808, SF/624/2. Unpublished study prepared by Syngenta Crop Protection, LLC. 29p. |
| 49120207 | Sigmon, J. (2013) Thiamethoxam/Difenoconazole/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxan: Analytical Method SF-622/1 - Determination of CGA169374, CGA173506, CGA293343, CGA329351, SYN524464 in A20307A: Analytical Method. Project Number: TK0180145/OCR, 10515148 SF/622/1. Unpublished study prepared by Syngenta Crop Protection, LLC. 13p. |
| 49120208 | Perine, S. (2013) Thiamethoxam/Difenoconazole/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxan: A20307A - Validation of Analytical Method SF-622/1: Final Report. Project Number: TK0180145/OCR, 10535861, SF/622/1. Unpublished study prepared by Syngenta Crop Protection, LLC. 31p. |
| 49269101 | Hipps, A. (2013) Difenoconazole/Thiamethoxam/Lambda Cyhlothrin ME RTU (A17570B) - Manufacturing Process Description and Supporting Data: Product Chemistry Volume. Project Number: PC/13/078. Unpublished study prepared by Syngenta Crop Protection, LLC. 47p. |
| 49282701 | Hipps, A. (2014) Abamectin/Thiamethoxam FS (A20703C) - Manufacturing Process Description and Supporting Data. Project Number: PC/14/012, SF/664/1, TK0193415. Unpublished study prepared by Syngenta Crop Protection, LLC. 221p. |
| 49283003 | Perine, S. (2013) Thiamethoxam/Fludioxonil/Difenoconazole/Sedaxane: A20588A - Validation of Analytical Method SF-641/1: Final Report. Project Number: TK0193491, SF/641/1. Unpublished study prepared by Syngenta Crop Protection, LLC. 28p. |
| 49283004 | Perine, S. (2013) Thiamethoxam/Fludioxonil/Difenoconazole/Sedaxane: Analytical Method SF-641/1 - Determination of CGA169374, CGA173506, CGA293343, SYN524464 in A20588A: Analytical Method. Project Number: TK0193491, 10530322, SF/641/1. Unpublished study prepared by Syngenta Crop Protection, LLC. 13p. |
| 49326101 | Heuser, J. (2014) Lambda-cyhalothrin/Azoxystrobin/Propiconazole/Thiamethoxam ZE (A20007C) - Manufacturing Process Description and Supporting Data. Project Number: TK0215134, PC/13/087, TK0215129. Unpublished study prepared by Syngenta Crop Protection, LLC. 207p. |
| 49383901 | Birchett, J. (2014) Thiamethoxam/Mefenoxam/Fludioxonil/Thiabendazole/Sedaxane FS (A21073A) - Manufacturing Process Description and Supporting Data. Project Number: TK0224811, PC/14/033, 10547306. Unpublished study prepared by Syngenta Crop Protection, LLC. 243p. |
| 49524302 | Perine, S. (2015) Thiabendazole/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21174B - Validation of Analytical Method SFA-736/1: Final Report. Project Number: USGR141470. Unpublished study prepared by Syngenta Crop Protection, LLC. 19p. |
| 49524303 | Bartlett, M. (2014) Thiamethoxam/Metalaxyl-M and S-isomer (Mefenoxam)/Fludioxonil/Thiabendazole/Sedaxane: A21174B - Analytical Method SFA-736/1 - Determination of CGA329351 and CGA351290 in A21174B by HPLC - Analytical Method. Project Number: TK0149603, 300028418. Unpublished study prepared by Syngenta Crop Proteciton, LLC. 14p. |
| 49524304 | Malek, J. (2014) Thiabendazole/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21174B - Validation of Analytical Method SF-736/1: Final Report. Project Number: USGR141606. Unpublished study prepared by Syngenta Crop Protection, LLC. 30p. |
| 49524305 | Sigmon, J.; Bartlett, M. (2014) Thiamethoxam/Metalaxyl-M and S-isomer (Mefenoxam)/Fludioxonil/Thiabendazole/Sedaxane: A21174B - Analytical Method SF-736/1 - Determination of MK360, CGA173506, CGA293343, CGA329351, SYN524464 in A21174B by UHPLC - Analytical Method. Project Number: TK0149603, 300021903. Unpublished study prepared by Syngenta Crop Protection, LLC. 17p. |
| 49524306 | Hipps, A. (2015) Thiamethoxam/Metalaxyl-M and S-isomer (Mefenoxam)/Fludioxonil/Thiabendazole/Sedaxane: A21174B - Document J - Product Chemistry Volume. Project Number: TK0149603, PC/15/004. Unpublished study prepared by Syngenta Crop Protection, LLC. 25p. |
| 49524401 | Hipps, A. (2015) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane/Gibberellin A4/A7/Indolebutyric acid/Kinetin FS (A21185B) - Manufacturing Process Description and Supporting Data - PC Volume. Project Number: TK0067181, PC/15/006, USGR141551. Unpublished study prepared by Syngenta Crop Protection, LLC. 313p. |
| 49712202 | Hipps, A. (2015) A20903A - Document J - Product Chemistry Volume - Confidential Information. Project Number: PC/15/092. Unpublished study prepared by Syngenta Crop Protection, LLC. 18p. |
| 49712204 | Das, R. (2015) A20903A - Validation of Analytical Method ST-421: Final Report. Project Number: CHMU150422. Unpublished study prepared by Syngenta Crop Protection Munchwilen AG. 28p. |
| 49712205 | Jenniches, D.; Das, R. (2015) A20903A - Analytical Method ST-42/1 Determination of Sedaxane, Fludioxonil and Thiamethoxam in Formulation FS. Project Number: 300033217. Unpublished study prepared by Syngenta Crop Protection Munchwilen AG. 11p. |
| 49713101 | Hipps, A. (2015) Pasteuria Nishizawae/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21324J - Document J, Product Chemistry Volume. Project Number: TK0201751, PC/15/071. Unpublished study prepared by Syngenta Crop Protection, LLC. 23p. |
| 49713103 | Shi, Y.; Perine, S. (2015) Pasteuria Nishizawae/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21324J - SF-825/1 - Microscopic Quantitation of Pasteuria Endospores (BIO16) in A21324J, Analytical Method. Project Number: TK0201751, 300044250, SF/825/1. Unpublished study prepared by Syngenta Crop Protection, LLC and SynTech Research, Inc. 8p. |
| 49713104 | Sigmon, J.; Shi, Y. (2015) Pasteuria Nishizawae/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21324J - SF-791/1 - Determination of CGA173506, CGA293343, CGA329351 and SYN524464 in A21324J by UHPLC, Analytical Method. Project Number: TK0201751, 300034951, SF/791/1. Unpublished study prepared by Syngenta Crop Protection, LLC. 17p. |
| 49713105 | Perine, S. (2015) Final Report: Pasteuria Nishizawae/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane - A21324J - Validation of Analytical Method SFA-791/1. Project Number: USGR150134, SFA/791/1. Unpublished study prepared by Syngenta Crop Protection, LLC. 20p. |
| 49713106 | Sigmon, J.; Shi, Y. (2015) Pasteuria Nishizawae/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21324J - SFA-791/1 - Determination of CGA329351 and CGA351920 in A21324J by HPLC, Analytical Method. Project Number: TK0201751, 300037759, SFA/791/1. Unpublished study prepared by Syngenta Crop Protection, LLC. 14p. |
| 49713107 | Simmons, L. (2015) Final Report: Pasteuria Nishizawae/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21324J - Validation of Analytical Method SF-825/1. Project Number: USGR150135, 069SRUSR211, SF/825/1. Unpublished study prepared by SynTech Research, Inc. 11p. |
| 49713108 | Shi, Y. (2015) Final Report: Pasteuria Nishizawae/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21324J - Validation of Analytical Method SF-791/1. Project Number: USGR150133, SF/791/1. Unpublished study prepared by Syngenta Crop Protection, LLC. 30p. |
| 49713116 | Phelps, L. (2015) Pasteuria Nishizawae/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21324J - Document MIII Section 2, Product Chemistry Volume. Project Number: TK0201751, PC/15/127. Unpublished study prepared by Syngenta Crop Protection, LLC. 11p. |
| 49980501 | Phelps, L. (2016) Pasteuria nishizawae, PN1/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21988B - Document J: Product Chemistry Volume. Project Number: TK0287649, PC/16/094. Unpublished study prepared by Syngenta Crop Protection, LLC. 21p. |
| 49980503 | Shi, N. (2016) Pasteuria nishizawae PN1/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane FS: A21988B - Validation of Analytical Method SF-889/1: Final Report. Project Number: USGR160150, SF/889/1. Unpublished study prepared by Syngenta Crop Protection, LLC. 12p. |
| 49980504 | Shi, N. (2016) Pasteuria nishizawae, Pn1/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21988B - SF-889/1 - Microscopic Quantitation of Pasteuria Endospores (BIO16) in A21988B: Analytical Method. Project Number: 300067002, USGR160150, SF/889/1. Unpublished study prepared by Syngenta Crop Protection, LLC. 8p. |
| 49980505 | Shi, N. (2016) Pasteuria nishizawae PN1/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21988B - Validation of Analytical Method SFA-888/1: Final Report. Project Number: USGR160149, SFA/888/1. Unpublished study prepared by Syngenta Crop Protection, LLC. 20p. |
| 49980506 | Shi, N. (2016) Pasteuria nishizawae PN1/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21988B - SFA-888/1 - Determination of CGA329351 and CGA351920 in A21988B by HPLC: Analytical Method. Project Number: 300067000, USGR160149, SFA/888/1. Unpublished study prepared by Syngenta Crop Protection, LLC. 14p. |
| 49980507 | Shi, N. (2016) Pasteuria nishizawae PN1/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21988B - Validation of Analytical Method SF-888/1: Final Report. Project Number: USGR160148, SF/888/1. Unpublished study prepared by Syngenta Crop Protection, LLC. 30p. |
| 49980508 | Shi, N. (2016) Pasteuria nishizawae PN1/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21988B - SF-888/1 - Determination of CGA173506, CGA293343, CGA329351, SYN524464 in A21988B by UHPLC: Analytical Method. Project Number: 300066999, USGR160148, SF/888/1. Unpublished study prepared by Syngenta Crop Protection, LLC. 17p. |
| 49984001 | O'Brien, L. (2016) Determination of Physical & Chemical Characteristics of F4189-1. Project Number: 2016PCP/THI2519, 00111, AP2016/006. Unpublished study prepared by Symbiotic Research, LLC. 226p. |
| 50424101 | Sparrow, K. (2017) A22353A - Document J: Product Chemistry Volume. Project Number: TK0236551, PC/17/059. Unpublished study prepared by Syngenta Crop Protection, LLC. 19p. |
| 50424104 | Perine, S. (2017) A22353A - Validation of Analytical Method SFA-931/1: Final Report. Project Number: USGR170225, SFA/931/1. Unpublished study prepared by Syngenta Crop Protection, LLC. 22p. |
| 50424105 | Sigmon, J.; Barlett, M. (2017) A22353A - SF-931/1 - Determination of ICI5504, CGA173506, CGA293343, CGA329351, SYN524464 in A22353A by UHPLC: Analytical Method. Project Number: 300077094, USGR170224, SF/931/1. Unpublished study prepared by Syngenta Crop Protection, LLC. 18p. |
| 50424106 | Perine, S. (2017) A22353A - Validation of Analytical Method SF-931/1: Final Report. Project Number: USGR170224, SF/931/1. Unpublished study prepared by Syngenta Crop Protection, LLC. 28p. |
| 50587202 | Dull, B. (2018) Analytical Method SA-1/2 - Thiamethoxam Tech. Assay by Liquid Chromatography. Project Number: 300030157, CHMU140763, TK0045713. Unpublished study prepared by Syngenta Crop Protection Munchwilen AG. 11p. |
| 50587203 | Ebi, E. (2014) Thiamethoxam - Validation of Analytical Method SA-1/2: Final Report. Project Number: CHMU140763, TK0045713. Unpublished study prepared by Syngenta Crop Protection Munchwilen AG. 16p. |
| 50588201 | Hipps, A. (2018) A22388B - Document J - Product Chemistry Volume. Project Number: PC/18/062. Unpublished study prepared by Syngenta Crop Protection, LLC. 20p. |
| 50588203 | Bartlett, M.; Sigmon, J. (2018) A22388B - SF-967/1 - Determination of MK360, CGA169374, CGA293343, CGA329351, SYN524464 in A22388B by UHPLC. Project Number: 300101806, USGR180016, SF/967/1. Unpublished study prepared by Syngenta Crop Protection, LLC. 19p. |
| 50588204 | Perine, S. (2018) Final Report: A22388B - Validation of Analytical Method SF-967/1. Project Number: USGR180016, SF/967/1. Unpublished study prepared by Syngenta Crop Protection, LLC. 33p. |
| 50588205 | Bartlett, M. (2018) A22388B - SFA-967/1 - Determination of CGA351920 and CGA329351 in A22388B by Chiral HPLC. Project Number: 300101807, USGR180017, SFA/967/1. Unpublished study prepared by Syngenta Crop Protection, LLC. 15p. |
| 50588206 | Perine, S. (2018) Final Report: A22388B - Validation of Analytical Method SFA-967/1. Project Number: USGR180017, SFA/967/1. Unpublished study prepared by Syngenta Crop Protection, LLC. 19p. |
| 50588216 | Hipps, A. (2018) A22388B - Document MIII Section 2 - Product Chemistry Volume. Project Number: PC/18/061. Unpublished study prepared by Syngenta Crop Protection, LLC. 11p. |
| 51030002 | Desai, H. (2007) Preliminary Analyes of Five Representative Production Batches of Thiamethoxam Technical Grade Active Ingredient (TGAI) to Determine Percent Thiamethoxam and to Quantify Its Associated Impurities. Project Number: 7018. Unpublished study prepared by Jai Research Foundation. 182p. |
| 51049102 | Parmar, J. (2008) Validation of Analytical Method for Active Ingredient Analysis of Thiamethoxam 25% WDG by HPLC. Project Number: 7285. Unpublished study prepared by Jai Research Foundation. 45p. |
| 51208502 | Prasad, S. (2020) Determination of Accelerated Storage Stability of Thiamethoxam 75% SG. Project Number: 20254. Unpublished study prepared by Palamur Biosciences Private Limited. 62p. |
| 51208503 | Sane, S. (2020) Determination of Active Ingredient Content of Thiamethoxam 75% SG. Project Number: 20253. Unublished study prepared by Palamur Biosciences Private Limited. 34p. |
| 51221102 | Hardie, R. (2020) Determination of Active Ingredient Thiamethoxam 12.6% + Lambda Cyhalothrin 9.48% ZC. Project Number: 20251. Unpublished study prepared by Palamur Biosciences Private Limited. 41p. |
| 51229001 | Hipps, A.; Sparrow, K. (2021) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane/Isocycloseram A23273A - Manufacturing Process Description and Supporting Data Product Chemistry Volume. Project Number: PC/21/031. Unpublished study prepared by Syngenta Crop Protection, LLC. 318p. |
| 51229101 | Sparrow, K.; Hipps, A. (2021) A23250A ¿ Manufacturing Process Description and Supporting Data: Product Chemistry Volume. Project Number: PC/21/033. Unpublished study prepared by Syngenta Crop Protection, LLC. 346p. |
| 51288401 | Hipps, A. (2021) Picarbutrazox/Fludioxonil/Thiamethoxam/Metalaxyl-M & SIsomer/Sedaxane A23240B: Manufacturing Process Description and Supporting Data Product Chemistry Volume. Project Number: PC/20/056. Unpublished study prepared by Syngenta Crop Protection, LLC. 352p. |
| 51289301 | Morrow, E. (2021) Thiamethoxam Technical (CGA293343) - Manufacturing Process Description and Supporting Data. Project Number: PC/21/041. Unpublished study prepared by Selvita S.A. and Syngenta Crop Protection Muenchwilen AG. 654p. |
| 51438801 | Pastor, K. (2021) Thiamethoxam Technical: Summary of OCSPP 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/02S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625701 | Pastor, K. (2021) ST Premix IPZ-4: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/12S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625702 | Pastor, K. (2021) Albaugh IPZ-4: Product Identity and Composition. Project Number: ALB21/12. Unpublished study prepared by Albaugh, LLC. 152p. |
| 51625705 | Theus, S. (2021) Method Validation of ST Premix IPZ-4: Final Report. Project Number: ARC/EX/2980/15/P/1, ARC/EX/2980. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 78p. |
| 51625801 | Pastor, K. (2021) Thiamethoxam 5L: Summary of OPPTS Series Product Properties Test Guidelines. Project Number: ALB21/13S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625802 | Pastor, K. (2021) Thiamethoxam 5L: Product Identity and Composition. Project Number: ALB21/13. Unpublished study prepared by Albaugh, LLC. 107p. |
| 51625804 | Seckel, J. (2021) Thiamethoxam 5L: Enforcement Analytical Method. Project Number: ALB21/13EAM. Unpublished study prepared by Albaugh, LLC. 9p. |

### 830.6302       Color

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46016908 | Hipps, A. (2003) Physical and Chemical Properties of CGA173506/CGA329351 328 FS (A13641B). Project Number: HT03/016, PC/03/026, HT3/017. Unpublished study prepared by Syngenta Crop Protection, Inc. 38 p. |
| 46308302 | Schilling, W. (2004) Physical and Chemical Properties of Fludioxonil/Thiamethoxam/Mefenoxam/Azoxystrobin FS (A14115A). Project Number: PC/04/022, T008906/03, T008911/03. Unpublished study prepared by Syngenta Crop Protection, Inc. 44 p. |
| 46412802 | Schilling, W. (2004) Physical and Chemical Properties of Thiamethoxam FS (600) (A9765N). Project Number: PC/04/092, T015923/04/LI, T015923/04. Unpublished study prepared by Syngenta Crop Protection, Inc. 43 p. |
| 46709002 | Schilling, W. (2005) Physical and Chemical Properties of Fludioxonil/Thiamethoxam/Mefenoxam FS: (Final Report) (012.7/255.5/019.2) (A14379B); (CruiserMaxx). Project Number: 10064609, T003821/05, T003820/05. Unpublished study prepared by Syngenta Crop Protection. 55 p. |
| 46716302 | Brady, M. (2005) Physical and Chemical Properties of CruiserMaxx Potato Insecticide and Fungicide (A14382A): (Final Report). Project Number: PC/05/049, T004483/05, T004649/05. Unpublished study prepared by Syngenta Crop Protection, Inc. 65 p. |
| 46948103 | Phelps, L. (2006) Physical and Chemical Properties of A15236A. Project Number: PC/06/093, T001609/06, HT06/140. Unpublished study prepared by Syngenta Crop Protection, Inc. 60 p. |
| 46948702 | Phelps, L. (2006) Physical and Chemical Properties of A15277A: (Final Report). Project Number: PC/06/095. Unpublished study prepared by Syngenta Crop Protection, Inc. 60 p. |
| 47092502 | Schilling, W. (2006) Physical and Chemical Properties of Fludioxonil/Thiamenthoxam/Mefenoxam SE (012/240/8/035/9) (A14909E) [also referred to in this volume as CGA173506/CGA293343/CGA329351 SE (012/240/8/035/9)]. Project Number: PC/06/131, T003284/06, 10113451. Unpublished study prepared by Syngenta Crop Protection, Inc. 69 p. |
| 47111702 | Phelps, L. (2007) Physical and Chemical Properties of Thiamethoxam GR (0.33) (A12195E). Project Number: PC/07/022, 20832, CGA293343. Unpublished study prepared by Syngenta Crop Protection, Inc. 44 p. |
| 47111802 | Phelps, L. (2007) Physical and Chemical Properties of Thiamethoxam GR (0.22) (A11859G): (Thiamethoxam Lawn & Landscape 0.22G). Project Number: PC/07/024, 20829, P801. Unpublished study prepared by Syngenta Crop Protection. 44 p. |
| 47176502 | Sparrow, K. (2007) Physical and Chemical Properties of Thiamethoxam SG (75) (A9549C). Project Number: PC/07/018, 116863, 10123180/DOC. Unpublished study prepared by Syngenta Crop Protection. 68 p. |
| 47234702 | Phelps, L. (2007) Physical and Chemical Properties of Thiamethoxam/Lambda-cyhalothrin GR (A15008B): (Final Report). Project Number: PC/07/056, HT07/139. Unpublished study prepared by Syngenta Crop Science. 35 p. |
| 47246702 | Schilling, W. (2007) Physical and Chemical Properties of Difenoconazole/Thiamethoxam/Mefenoxam FS (A15424B). Project Number: PC/07/054. Unpublished study prepared by Syngenta Crop Protection, Inc. 34 p. |
| 47420901 | Sparrow, K. (2007) Thiamethoxam/ Chlorantraniliprole SC (200/100) (A15452B): Manufacturing Process Description and Supporting Data for Thiamethoxam/ Chlorantraniliprole SC (200/100) (A15452B). Project Number: PC/07/032, 116727. Unpublished study prepared by Syngenta Crop Protection. 322 p. |
| 47420902 | Sparrow, K. (2007) Thiamethoxam/ Chlorantraniliprole SC (200/100) (A15452B): Physical and Chemical Properties of Thiamethoxam/ Chlorantraniliprole SC (200/100) (A15452B). Project Number: PC/07/033, 116713, 10120367/DOC. Unpublished study prepared by Syngenta Crop Protection. 55 p. |
| 47424102 | Sparrow, K. (2007) Thiamethoxam/ Chlorantraniliprole WG (20/20) (A15645A): Physical and Chemical Properties of Thiamethoxam/ Chlorantraniliprole WG (20/20) (A15645A): (Final Report). Project Number: PC/07/035, 117206, HT07/056. Unpublished study prepared by Syngenta Crop Protection, Inc. 50 p. |
| 47424302 | Schilling, W. (2007) Thiamethoxam/ Abamectin FS (A16115A): Physical and Chemical Properties of Thiamethoxam/ Abamectin FS (A16115A). Project Number: PC/07/107, T003985/07, HT07/292. Unpublished study prepared by Syngenta Crop Protection, Inc. 34 p. |
| 47579602 | Sparrow, K. (2008) Lambda Cyhalothrin/Thiamethoxam ME (A16424B)-Physical and Chemical Properties. Project Number: PC/08/037. Unpublished study prepared by Syngenta Crop Protection. 34 p. |
| 47579704 | Sparrow, K. (2008) Lambda Cyhalothrin/Thiamethoxam ME (A16423B) - Physical and Chemical Properties - PC Volume. Project Number: PC/08/035, T001535/08, 10364091/DOC. Unpublished study prepared by Syngenta Crop Protection, Inc. 34 p. |
| 47618402 | Sparrow, K. (2007) Physical and Chemical Properties of Thiamethoxam GR (.2) (A16245A): (Meridian 0.20G). Project Number: PC/07/092, T002962/07, 10327966/DOC. Unpublished study prepared by Syngenta Crop Protection, Inc. 35 p. |
| 47642001 | Sparrow, K. (2007) Physical and Chemical Properties of Thiamethoxam GR (.14) (A16244A). Project Number: T002958/07, 10327955/DOC, PC/07/090. Unpublished study prepared by Syngenta Crop Protection. 35 p. |
| 47702702 | Irrig, H. (2009) Abamectin/Thiamethoxam SC (A15543C) - Physical and Chemical Properties. Project Number: PC/08/070, 10344637/DOC, T000176/08. Unpublished study prepared by Syngenta Crop Protection, Inc. 34 p. |
| 47722902 | Irrig, H. (2009) Abamectin/Thiamethoxam FS (A17015A) - Physical and Chemical Properties. Project Number: PC/09/028. Unpublished study prepared by Syngenta Crop Protection, Inc. 35 p. |
| 47914902 | Sparrow, K. (2009) Thiamethoxam Technical (CGA293343) - Physical and Chemical Properties. Project Number: PC/09/072. Unpublished study prepared by Syngenta Crop Protection, Inc. 8 p. |
| 47915413 | Edinburge, G. (2000) Specific for Registration Edition 1: Valid form 01-MAR-00 A11234A Agita CGA293343 (10). Unpublished study prepared by Novartis Animal Health US, Inc. 4 p. |
| 47919806 | Stulz, J. (2010) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane FS (036.9/030.7/009.5/008) (A17511B) - Physico-Chemical Studies of the Formulation. Project Number: A17511B/10035/OCR, PC/10/038, A17511B/10035. Unpublished study prepared by Syngenta Crop Protection, Inc. 40 p. |
| 47919815 | Stulz, J. (2010) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane FS: (036.9/030.7/009.5/008): (A17511B) - Document M-III, Section 1: Identity, Physical and Chemical Properties, Further Information and Proposed Classification. Project Number: A17511B/10013/OCR, PC/10/048, A17511B/10013. Unpublished study prepared by Syngenta Crop Protection, Inc. 36 p. |
| 47934702 | Sparrow, K. (2009) Difenoconazole/ Thiamethoxam/ Lambda Cyhalothrin ME RTU (A17570B): Physical and Chemical Properties. Project Number: PC/09/092, 28055. Unpublished study prepared by Syngenta Crop Protection, Inc. 24 p. |
| 47934903 | Sparrow, K. (2009) Difenoconazole/Thiamethoxam/Lambda Cyhalothrin ME Concentrate (A17571B) - Physical and Chemical Properties: PC Volume. Project Number: PC/09/094. Unpublished study prepared by Syngenta Crop Protection, Inc. 32 p. |
| 47962502 | Hipps, A. (2010) Thiamethoxam, Fludioxonil, Azoxystrobin, Mefenoxam: Cruiser Maxx Rice (A17469B): Physical and Chemical Properties. Project Number: PC/10/007, A17469B/50021, TK0016132. Unpublished study prepared by Syngenta Crop Protection, Inc. 34 p. |
| 47973302 | Sparrow, K. (2010) Thiamethoxam RB (.003) (A14116A): Physical and Chemical Properties. Project Number: PC/10/002/OCR, A14116A/50004. Unpublished study prepared by Syngenta Crop Protection, Inc. 25 p. |
| 48081702 | Hipps, A. (2010) Thiamethoxam/Fludioxonil/Mefenoxam/Azoxystrobin FS (A18046A): Physical and Chemical Properties. Project Number: PC/10/057/OCR, TK0025133. Unpublished study prepared by Syngenta Crop Protection, Inc. 33 p. |
| 48300803 | Hipps, A. (2010) Avicta Complete Corn 500 Premix (A18043A) - Physical and Chemical Properties. Project Number: PC/10/079, PC/10/079/OCR, TK0013667. Unpublished study prepared by Syngenta Crop Protection, Inc. and Syngenta Technology & Projects. 33 p. |
| 48342603 | Hipps, A. (2010) Avicta Complete Corn 250 Premix (A18112D) - Physical and Chemical Properties. Project Number: PC/10/101, TK0028455, 10433097/DOC. Unpublished study prepared by Syngenta Crop Protection, Inc., and Syngenta Technology & Projects. 33 p. |
| 48381502 | Sparrow, K. (2011) Azoxystrobin/Thiamethoxam GR (A18445A) - Physical and Chemical Properties. Project Number: PC/11/018. Unpublished study prepared by Syngenta Crop Protection, LLC. 36 p. |
| 48432502 | Born, R. (2011) Cyantraniliprole/ Thiamethoxam WG (A16901B)- Physico-Chemical Studies of the Formulation: PC Volume. Project Number: A16901B/10065, PC/11/057, 121400. Unpublished study prepared by Syngenta Crop Protection, LLC. 337 p. |
| 48491902 | Hipps, A. (2011) Cruiser Maxx + Thiabendazole (A18212C) - Physical and Chemical Properties. Project Number: PC/11/034/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 34 p. |
| 48506802 | Hipps, A. (2011) CruiserMaxx Potato Extreme (A18232A): Physical and Chemical Properties. Project Number: PC/11/043/OCR, A18232A/50018, TK0056213. Unpublished study prepared by Syngenta Crop Protection, LLC. 33 p. |
| 48540902 | Hipps, A. (2011) Thiamethoxam, Mefenoxam, Fludioxonil: THX/MXM/FDL Colorless (A18901A) - Physical and Chemical Properties. Project Number: PC/11/045, PC/11/045/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 34p. |
| 48579702 | Sparrow, K. (2011) Lambda-Cyhalothrin/Thiamethoxam SC (A18484A) - Physical and Chemical Properties. Project Number: TK0053837/OCR 10448118/DOC PC/11/016. Unpublished study prepared by Syngenta Crop Protection, LLC. 33p. |
| 48644002 | Hipps, A. (2011) Dynasty PD + Thiamethoxam (A17461A) - Physical and Chemical Properties. Project Number: PC/11/030, PC/11/030/OCR, TK0053458. Unpublished study prepared by Syngenta Crop Protection, LLC. 36p. |
| 48667601 | Sparrow, K. (2011) Abamectin/Thiamethoxam SC (A15913B) - Physical and Chemical Properties. Project Number: PC/11/055/OCR, 10375998/DOC, 10463525/DOC. Unpublished study prepared by Syngenta Crop Protection, LLC. 47p. |
| 48682402 | Hipps, A. (2012) Adage Deluxe (A19092D) - Physical and Chemical Properties. Project Number: PC/12/006/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 34p. |
| 48682502 | Hipps, A. (2012) Adage Premier (A19093D) - Physical and Chemical Properties. Project Number: PC/12/008/OCR, TK0103556, 10482243/DOC. Unpublished study prepared by Syngenta Crop Protection. 34p. |
| 48758402 | Hipps, A. (2012) SYT0113 (A19511A) - Physical and Chemical Properties. Project Number: PC/12/053, HT11/599/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC and Syngenta Huddersfield Manufacturing Center. 34p. |
| 48836002 | Hipps, A. (2012) Avicta Complete Beans 500 (A19409A) - Physical and Chemical Properties. Project Number: PC/12/027/OCR, TK0102734, 10488585/DOC. Unpublished study prepared by Syngenta Crop Protection. 34p. |
| 48836202 | Hipps, A. (2012) CruiserMaxx Supreme (A19094D) - Physical and Chemical Properties. Project Number: PC/12/010. Unpublished study prepared by Syngenta Crop Protection, LLC. 33p. |
| 48836402 | Sparrow, K. (2011) Lambda-Cyhalothrin/Thiamethoxam ZC (A18481A) - Physical and Chemical Properties. Project Number: PC/11/020/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 34p. |
| 49070401 | Hipps, A. (2013) Thiamethoxam/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxane FS: A19997A: Document M-III, Section 1: Identity, Physical and Chemical Properties, Further Information and Proposed Classification. Project Number: PC/13/015. Unpublished study prepared by Syngenta Crop Protection, LLC. 30p. |
| 49070403 | Hipps, A. (2013) Thiamethoxam/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxane FS (A19997A): Physical and Chemical Properties. Project Number: PC/13/017/OCR. Unpublished study prepared by Syngenta Huddersfield Manufacturing Center and Syngenta Crop Protection, LLC. 73p. |
| 49120202 | Hipps, A. (2013) Thiamethoxam/Difenoconazole/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxan: A20307A - Document MIII, Section 1: Product Chemistry. Project Number: TK0067821/OCR, PC/13/054. Unpublished study prepared by Syngenta Crop Protection, LLC. 37p. |
| 49120206 | Hipps, A. (2013) Thiamethoxam/Difenoconazole/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxan: A20307A - Physical-Chemical Studies of the Formulation. Project Number: TK0067821/OCR, PC/13/056. Unpublished study prepared by Syngenta Crop Protection, LLC. 68p. |
| 49282702 | Hipps, A. (2014) Abamectin/Thiamethoxam FS (A20703C) - Physical and Chemical Properties. Project Number: PC/14/013, TK0193416, TK0161960. Unpublished study prepared by Syngenta Crop Protection, LLC. 75p. |
| 49283007 | Hipps, A. (2014) Thiamethoxam/Fludioxonil/Difenoconazole/Sedaxane: A20588A - Physico-Chemical Studies of the Formulation: Product Chemistry Volume. Project Number: TK0193878, PC/14/007, TK0193488. Unpublished study prepared by Syngenta Crop Protection, LLC. 68p. |
| 49283014 | Hipps, A. (2014) Thiamethoxam/Fludioxonil/Difenoconazole/Sedaxane: A20588A - Document MIII, Section 1: Product Chemistry Volume. Project Number: TK0068469, PC/14/003. Unpublished study prepared by Syngenta Crop Protection, LLC. 32p. |
| 49326102 | Heuser, J. (2014) Lambda-cyhalothrin/Azoxystrobin/Propiconazole/Thiamethoxam ZE (A20007C) - Physical and Chemical Properties. Project Number: TK0215134, PC/13/088, TK0215126. Unpublished study prepared Syngenta Crop Protection, LLC. 73p. |
| 49383902 | Birchett (2014) Thiamethoxam/Mefenoxam/Fludioxonil/Thiabendazole/Sedaxane FS (A21073A) - Physical and Chemical Properties. Project Number: TK0224811, PC/14/034, USGR141158. Unpublished study prepared by Syngenta Crop Protection, LLC. 75p. |
| 49524307 | Hipps, A. (2015) Thiamethoxam/Metalaxyl-M and S-isomer (Mefenoxam)/Fludioxonil/Thiabendazole/Sedaxane: A21174B - Physico-Chemical Studies of the Formulation. Project Number: TK0149603, PC/15/003, USGR141468. Unpublished study prepared by Syngenta Crop Protection, LLC. 74p. |
| 49524315 | Hipps, A. (2015) Thiamethoxam/Metalaxyl-M and S-isomer (Mefenoxam)/Fludioxonil/Thiabendazole/Sedaxane: A21174B - Document MIII, Section 1. Project Number: TK0149603, PC/15/001, PC/15/003. Unpublished study prepared by Syngenta Crop Protection, LLC. 34p. |
| 49524402 | HiPPS, A. (2015) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane/Gibberellin A4/A7/Indolebutyric acid/Kinetin FS (A21185B) - Physical and Chemical Properties - Product Chemistry Volume. Project Number: TK0067181, PC/15/007, USGR141550. Unpublished study prepared by Syngenta Crop Protection, LLC. 45p. |
| 49712203 | Hipps, A. (2015) A20903A - Physico-Chemical Studies of Formulation. Project Number: PC/15/091. Unpublished study prepared by Syngenta Biosciences Pvt. Ltd., Syngenta Technology and Engineering and Syngenta Crop Protection Munchwilen AG. 151p. |
| 49712212 | Hipps, A. (2015) A20903A - Document MIII Section 1: Product Chemistry Volume. Project Number: PC/15/090. Unpublished study prepared by Syngenta Crop Protection, LLC. 33p. |
| 49713102 | Hipps, A. (2015) Pasteuria Nishizawae/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21324J - Physico-Chemical Studies of the Formulation, Product Chemistry Volume. Project Number: TK0201751, PC/15/070. Unpublished study prepared by Syngenta Crop Protection, LLC and Syngenta Technology and Engineering. 63p. |
| 49713115 | Hipps, A.; Phelps, L. (2015) Pasteuria Nishizawae/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21324J - Document MIII, Section 1, Product Chemistry Volume. Project Number: TK0201751, PC/15/069. Unpublished study prepared by Syngenta Crop Protection, LLC. 31p. |
| 49980502 | Hipps, A. (2016) Pasteuria nishizawae, Pn1/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21988B - Physico-Chemical Studies of the Formulation: Product Chemistry Volume. Project Number: TK0287649, PC/16/095, USGR160147. Unpublished study prepared by Syngenta Crop Protection, LLC and Syngenta Technology & Projects. 65p. |
| 49980509 | Hipps, A.; Phelps, L. (2016) Pasteuria nishizawae, Pn1/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21988B - Document MIII, Section 1: Product Chemistry Volume. Project Number: TK0287649, PC/16/092, PC/16/095. Unpublished study prepared by Syngenta Crop Protection, LLC. 31p. |
| 49984001 | O'Brien, L. (2016) Determination of Physical & Chemical Characteristics of F4189-1. Project Number: 2016PCP/THI2519, 00111, AP2016/006. Unpublished study prepared by Symbiotic Research, LLC. 226p. |
| 50424102 | Sparrow, K. (2017) A22353A - Physico-Chemical Studies of the Formulation: Product Chemistry Volume. Project Number: TK0236551, PC/17/063. Unpublished study prepared by Syngenta Crop Protection, LLC and Syngenta Technology & Engineering. 65p. |
| 50424115 | Sparrow, K. (2017) A22353A - Document MIII, Section 1: Product Chemistry Volume. Project Number: TK0236551, PC/17/061. Unpublished study prepared by Syngenta Crop Protection, LLC. 29p. |
| 50588202 | Hipps, A. (2018) A22388B - Physical-Chemical Property Studies of the Formulation. Project Number: PC/18/063. Unpublished study prepared by Syngenta Crop Protection, LLC. 62p. |
| 50588215 | Hipps, A. (2018) A22388B - Document MIII, Section 1 - Product Chemistry Volume. Project Number: PC/18/060. Unpublished study prepared by Syngenta Crop Protection, LLC. 26p. |
| 51030003 | Desai, H. (2007) Appearance (Colour, Physical State and Odour) of Thiamethoxam Technical. Project Number: 7082. Unpublished study prepared by Jai Research Foundation. 24p. |
| 51049103 | Parmar, J. (2007) Appearance (Colour, Physical State and Odour) of Thiamethoxam 25% WDG. Project Number: 7278. Unpublished study prepared by Jai Research Foundation. 23p. |
| 51208502 | Prasad, S. (2020) Determination of Accelerated Storage Stability of Thiamethoxam 75% SG. Project Number: 20254. Unpublished study prepared by Palamur Biosciences Private Limited. 62p. |
| 51221103 | Hardie, R. (2020) Determination of Accelerated Storage Stability of Thiamethoxam 12.6% + Lambdacyhalothrin 9.48% ZC. Project Number: 20252. Unpublished study prepared by Palamur Biosciences Private Limited. 55p. |
| 51229002 | Sparrow, K.; Hipps, A. (2021) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane/Isocycloseram A23273A - Physical and Chemical Properties Product Chemistry Volume. Project Number: PC/21/032. Unpublished study prepared by Syngenta Crop Protection, LLC. 67p. |
| 51229102 | Sparrow, K.; Hipps, A. (2021) A23250A ¿ Physical and Chemical Properties: Product Chemistry Volume. Project Number: PC/21/034. Unpublished study prepared by Syngenta Crop Protection, LLC and Syngenta Technology & Projects. 67p. |
| 51288402 | Hipps, A. (2021) Picarbutrazox/Fludioxonil/Thiamethoxam/Metalaxyl-M & SIsomer/Sedaxane A23240B: Physical and Chemical Properties PC Volume. Project Number: PC/20/057. Unpublished study prepared by Syngenta Crop Protection, LLC. 52p. |
| 51438801 | Pastor, K. (2021) Thiamethoxam Technical: Summary of OCSPP 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/02S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51438803 | Wo, C. (2021) Thiamethoxam Technical: Physical and Chemical Characteristics: Color, Physical State, Odor, Stability to Normal and Elevated Temperatures, pH, and Bulk Density. Project Number: 54251, P804/TGAI. Unpublished study prepared by Product Safety Laboratories. 19p. |
| 51625701 | Pastor, K. (2021) ST Premix IPZ-4: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/12S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625703 | Aders, M. (2021) Physical and Chemical Characteristics of ST Premix IPZ-4: Final Report. Project Number: ARC/EX/2979/006/P/1, ARC/EX/2979. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 24p. |
| 51625801 | Pastor, K. (2021) Thiamethoxam 5L: Summary of OPPTS Series Product Properties Test Guidelines. Project Number: ALB21/13S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625803 | Aders, M. (2021) Physical and Chemical Characteristics of Thiamethoxam 5 ST: Final Report. Project Number: ARC/EX/3011/006/P/1, ARC/EX/3011. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 24p. |

### 830.6303       Physical state

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46016908 | Hipps, A. (2003) Physical and Chemical Properties of CGA173506/CGA329351 328 FS (A13641B). Project Number: HT03/016, PC/03/026, HT3/017. Unpublished study prepared by Syngenta Crop Protection, Inc. 38 p. |
| 46308302 | Schilling, W. (2004) Physical and Chemical Properties of Fludioxonil/Thiamethoxam/Mefenoxam/Azoxystrobin FS (A14115A). Project Number: PC/04/022, T008906/03, T008911/03. Unpublished study prepared by Syngenta Crop Protection, Inc. 44 p. |
| 46412802 | Schilling, W. (2004) Physical and Chemical Properties of Thiamethoxam FS (600) (A9765N). Project Number: PC/04/092, T015923/04/LI, T015923/04. Unpublished study prepared by Syngenta Crop Protection, Inc. 43 p. |
| 46709002 | Schilling, W. (2005) Physical and Chemical Properties of Fludioxonil/Thiamethoxam/Mefenoxam FS: (Final Report) (012.7/255.5/019.2) (A14379B); (CruiserMaxx). Project Number: 10064609, T003821/05, T003820/05. Unpublished study prepared by Syngenta Crop Protection. 55 p. |
| 46716302 | Brady, M. (2005) Physical and Chemical Properties of CruiserMaxx Potato Insecticide and Fungicide (A14382A): (Final Report). Project Number: PC/05/049, T004483/05, T004649/05. Unpublished study prepared by Syngenta Crop Protection, Inc. 65 p. |
| 46948103 | Phelps, L. (2006) Physical and Chemical Properties of A15236A. Project Number: PC/06/093, T001609/06, HT06/140. Unpublished study prepared by Syngenta Crop Protection, Inc. 60 p. |
| 46948702 | Phelps, L. (2006) Physical and Chemical Properties of A15277A: (Final Report). Project Number: PC/06/095. Unpublished study prepared by Syngenta Crop Protection, Inc. 60 p. |
| 47092502 | Schilling, W. (2006) Physical and Chemical Properties of Fludioxonil/Thiamenthoxam/Mefenoxam SE (012/240/8/035/9) (A14909E) [also referred to in this volume as CGA173506/CGA293343/CGA329351 SE (012/240/8/035/9)]. Project Number: PC/06/131, T003284/06, 10113451. Unpublished study prepared by Syngenta Crop Protection, Inc. 69 p. |
| 47111702 | Phelps, L. (2007) Physical and Chemical Properties of Thiamethoxam GR (0.33) (A12195E). Project Number: PC/07/022, 20832, CGA293343. Unpublished study prepared by Syngenta Crop Protection, Inc. 44 p. |
| 47111802 | Phelps, L. (2007) Physical and Chemical Properties of Thiamethoxam GR (0.22) (A11859G): (Thiamethoxam Lawn & Landscape 0.22G). Project Number: PC/07/024, 20829, P801. Unpublished study prepared by Syngenta Crop Protection. 44 p. |
| 47176502 | Sparrow, K. (2007) Physical and Chemical Properties of Thiamethoxam SG (75) (A9549C). Project Number: PC/07/018, 116863, 10123180/DOC. Unpublished study prepared by Syngenta Crop Protection. 68 p. |
| 47234702 | Phelps, L. (2007) Physical and Chemical Properties of Thiamethoxam/Lambda-cyhalothrin GR (A15008B): (Final Report). Project Number: PC/07/056, HT07/139. Unpublished study prepared by Syngenta Crop Science. 35 p. |
| 47246702 | Schilling, W. (2007) Physical and Chemical Properties of Difenoconazole/Thiamethoxam/Mefenoxam FS (A15424B). Project Number: PC/07/054. Unpublished study prepared by Syngenta Crop Protection, Inc. 34 p. |
| 47420902 | Sparrow, K. (2007) Thiamethoxam/ Chlorantraniliprole SC (200/100) (A15452B): Physical and Chemical Properties of Thiamethoxam/ Chlorantraniliprole SC (200/100) (A15452B). Project Number: PC/07/033, 116713, 10120367/DOC. Unpublished study prepared by Syngenta Crop Protection. 55 p. |
| 47424102 | Sparrow, K. (2007) Thiamethoxam/ Chlorantraniliprole WG (20/20) (A15645A): Physical and Chemical Properties of Thiamethoxam/ Chlorantraniliprole WG (20/20) (A15645A): (Final Report). Project Number: PC/07/035, 117206, HT07/056. Unpublished study prepared by Syngenta Crop Protection, Inc. 50 p. |
| 47424302 | Schilling, W. (2007) Thiamethoxam/ Abamectin FS (A16115A): Physical and Chemical Properties of Thiamethoxam/ Abamectin FS (A16115A). Project Number: PC/07/107, T003985/07, HT07/292. Unpublished study prepared by Syngenta Crop Protection, Inc. 34 p. |
| 47579602 | Sparrow, K. (2008) Lambda Cyhalothrin/Thiamethoxam ME (A16424B)-Physical and Chemical Properties. Project Number: PC/08/037. Unpublished study prepared by Syngenta Crop Protection. 34 p. |
| 47579704 | Sparrow, K. (2008) Lambda Cyhalothrin/Thiamethoxam ME (A16423B) - Physical and Chemical Properties - PC Volume. Project Number: PC/08/035, T001535/08, 10364091/DOC. Unpublished study prepared by Syngenta Crop Protection, Inc. 34 p. |
| 47618402 | Sparrow, K. (2007) Physical and Chemical Properties of Thiamethoxam GR (.2) (A16245A): (Meridian 0.20G). Project Number: PC/07/092, T002962/07, 10327966/DOC. Unpublished study prepared by Syngenta Crop Protection, Inc. 35 p. |
| 47642001 | Sparrow, K. (2007) Physical and Chemical Properties of Thiamethoxam GR (.14) (A16244A). Project Number: T002958/07, 10327955/DOC, PC/07/090. Unpublished study prepared by Syngenta Crop Protection. 35 p. |
| 47702702 | Irrig, H. (2009) Abamectin/Thiamethoxam SC (A15543C) - Physical and Chemical Properties. Project Number: PC/08/070, 10344637/DOC, T000176/08. Unpublished study prepared by Syngenta Crop Protection, Inc. 34 p. |
| 47722902 | Irrig, H. (2009) Abamectin/Thiamethoxam FS (A17015A) - Physical and Chemical Properties. Project Number: PC/09/028. Unpublished study prepared by Syngenta Crop Protection, Inc. 35 p. |
| 47914902 | Sparrow, K. (2009) Thiamethoxam Technical (CGA293343) - Physical and Chemical Properties. Project Number: PC/09/072. Unpublished study prepared by Syngenta Crop Protection, Inc. 8 p. |
| 47915413 | Edinburge, G. (2000) Specific for Registration Edition 1: Valid form 01-MAR-00 A11234A Agita CGA293343 (10). Unpublished study prepared by Novartis Animal Health US, Inc. 4 p. |
| 47919806 | Stulz, J. (2010) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane FS (036.9/030.7/009.5/008) (A17511B) - Physico-Chemical Studies of the Formulation. Project Number: A17511B/10035/OCR, PC/10/038, A17511B/10035. Unpublished study prepared by Syngenta Crop Protection, Inc. 40 p. |
| 47919815 | Stulz, J. (2010) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane FS: (036.9/030.7/009.5/008): (A17511B) - Document M-III, Section 1: Identity, Physical and Chemical Properties, Further Information and Proposed Classification. Project Number: A17511B/10013/OCR, PC/10/048, A17511B/10013. Unpublished study prepared by Syngenta Crop Protection, Inc. 36 p. |
| 47934702 | Sparrow, K. (2009) Difenoconazole/ Thiamethoxam/ Lambda Cyhalothrin ME RTU (A17570B): Physical and Chemical Properties. Project Number: PC/09/092, 28055. Unpublished study prepared by Syngenta Crop Protection, Inc. 24 p. |
| 47934903 | Sparrow, K. (2009) Difenoconazole/Thiamethoxam/Lambda Cyhalothrin ME Concentrate (A17571B) - Physical and Chemical Properties: PC Volume. Project Number: PC/09/094. Unpublished study prepared by Syngenta Crop Protection, Inc. 32 p. |
| 47962502 | Hipps, A. (2010) Thiamethoxam, Fludioxonil, Azoxystrobin, Mefenoxam: Cruiser Maxx Rice (A17469B): Physical and Chemical Properties. Project Number: PC/10/007, A17469B/50021, TK0016132. Unpublished study prepared by Syngenta Crop Protection, Inc. 34 p. |
| 47973302 | Sparrow, K. (2010) Thiamethoxam RB (.003) (A14116A): Physical and Chemical Properties. Project Number: PC/10/002/OCR, A14116A/50004. Unpublished study prepared by Syngenta Crop Protection, Inc. 25 p. |
| 48081702 | Hipps, A. (2010) Thiamethoxam/Fludioxonil/Mefenoxam/Azoxystrobin FS (A18046A): Physical and Chemical Properties. Project Number: PC/10/057/OCR, TK0025133. Unpublished study prepared by Syngenta Crop Protection, Inc. 33 p. |
| 48300803 | Hipps, A. (2010) Avicta Complete Corn 500 Premix (A18043A) - Physical and Chemical Properties. Project Number: PC/10/079, PC/10/079/OCR, TK0013667. Unpublished study prepared by Syngenta Crop Protection, Inc. and Syngenta Technology & Projects. 33 p. |
| 48342603 | Hipps, A. (2010) Avicta Complete Corn 250 Premix (A18112D) - Physical and Chemical Properties. Project Number: PC/10/101, TK0028455, 10433097/DOC. Unpublished study prepared by Syngenta Crop Protection, Inc., and Syngenta Technology & Projects. 33 p. |
| 48381502 | Sparrow, K. (2011) Azoxystrobin/Thiamethoxam GR (A18445A) - Physical and Chemical Properties. Project Number: PC/11/018. Unpublished study prepared by Syngenta Crop Protection, LLC. 36 p. |
| 48432502 | Born, R. (2011) Cyantraniliprole/ Thiamethoxam WG (A16901B)- Physico-Chemical Studies of the Formulation: PC Volume. Project Number: A16901B/10065, PC/11/057, 121400. Unpublished study prepared by Syngenta Crop Protection, LLC. 337 p. |
| 48491902 | Hipps, A. (2011) Cruiser Maxx + Thiabendazole (A18212C) - Physical and Chemical Properties. Project Number: PC/11/034/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 34 p. |
| 48506802 | Hipps, A. (2011) CruiserMaxx Potato Extreme (A18232A): Physical and Chemical Properties. Project Number: PC/11/043/OCR, A18232A/50018, TK0056213. Unpublished study prepared by Syngenta Crop Protection, LLC. 33 p. |
| 48540902 | Hipps, A. (2011) Thiamethoxam, Mefenoxam, Fludioxonil: THX/MXM/FDL Colorless (A18901A) - Physical and Chemical Properties. Project Number: PC/11/045, PC/11/045/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 34p. |
| 48579702 | Sparrow, K. (2011) Lambda-Cyhalothrin/Thiamethoxam SC (A18484A) - Physical and Chemical Properties. Project Number: TK0053837/OCR 10448118/DOC PC/11/016. Unpublished study prepared by Syngenta Crop Protection, LLC. 33p. |
| 48644002 | Hipps, A. (2011) Dynasty PD + Thiamethoxam (A17461A) - Physical and Chemical Properties. Project Number: PC/11/030, PC/11/030/OCR, TK0053458. Unpublished study prepared by Syngenta Crop Protection, LLC. 36p. |
| 48667601 | Sparrow, K. (2011) Abamectin/Thiamethoxam SC (A15913B) - Physical and Chemical Properties. Project Number: PC/11/055/OCR, 10375998/DOC, 10463525/DOC. Unpublished study prepared by Syngenta Crop Protection, LLC. 47p. |
| 48682402 | Hipps, A. (2012) Adage Deluxe (A19092D) - Physical and Chemical Properties. Project Number: PC/12/006/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 34p. |
| 48682502 | Hipps, A. (2012) Adage Premier (A19093D) - Physical and Chemical Properties. Project Number: PC/12/008/OCR, TK0103556, 10482243/DOC. Unpublished study prepared by Syngenta Crop Protection. 34p. |
| 48758402 | Hipps, A. (2012) SYT0113 (A19511A) - Physical and Chemical Properties. Project Number: PC/12/053, HT11/599/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC and Syngenta Huddersfield Manufacturing Center. 34p. |
| 48836002 | Hipps, A. (2012) Avicta Complete Beans 500 (A19409A) - Physical and Chemical Properties. Project Number: PC/12/027/OCR, TK0102734, 10488585/DOC. Unpublished study prepared by Syngenta Crop Protection. 34p. |
| 48836202 | Hipps, A. (2012) CruiserMaxx Supreme (A19094D) - Physical and Chemical Properties. Project Number: PC/12/010. Unpublished study prepared by Syngenta Crop Protection, LLC. 33p. |
| 48836402 | Sparrow, K. (2011) Lambda-Cyhalothrin/Thiamethoxam ZC (A18481A) - Physical and Chemical Properties. Project Number: PC/11/020/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 34p. |
| 49070401 | Hipps, A. (2013) Thiamethoxam/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxane FS: A19997A: Document M-III, Section 1: Identity, Physical and Chemical Properties, Further Information and Proposed Classification. Project Number: PC/13/015. Unpublished study prepared by Syngenta Crop Protection, LLC. 30p. |
| 49070403 | Hipps, A. (2013) Thiamethoxam/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxane FS (A19997A): Physical and Chemical Properties. Project Number: PC/13/017/OCR. Unpublished study prepared by Syngenta Huddersfield Manufacturing Center and Syngenta Crop Protection, LLC. 73p. |
| 49120202 | Hipps, A. (2013) Thiamethoxam/Difenoconazole/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxan: A20307A - Document MIII, Section 1: Product Chemistry. Project Number: TK0067821/OCR, PC/13/054. Unpublished study prepared by Syngenta Crop Protection, LLC. 37p. |
| 49120206 | Hipps, A. (2013) Thiamethoxam/Difenoconazole/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxan: A20307A - Physical-Chemical Studies of the Formulation. Project Number: TK0067821/OCR, PC/13/056. Unpublished study prepared by Syngenta Crop Protection, LLC. 68p. |
| 49282702 | Hipps, A. (2014) Abamectin/Thiamethoxam FS (A20703C) - Physical and Chemical Properties. Project Number: PC/14/013, TK0193416, TK0161960. Unpublished study prepared by Syngenta Crop Protection, LLC. 75p. |
| 49283007 | Hipps, A. (2014) Thiamethoxam/Fludioxonil/Difenoconazole/Sedaxane: A20588A - Physico-Chemical Studies of the Formulation: Product Chemistry Volume. Project Number: TK0193878, PC/14/007, TK0193488. Unpublished study prepared by Syngenta Crop Protection, LLC. 68p. |
| 49283014 | Hipps, A. (2014) Thiamethoxam/Fludioxonil/Difenoconazole/Sedaxane: A20588A - Document MIII, Section 1: Product Chemistry Volume. Project Number: TK0068469, PC/14/003. Unpublished study prepared by Syngenta Crop Protection, LLC. 32p. |
| 49326102 | Heuser, J. (2014) Lambda-cyhalothrin/Azoxystrobin/Propiconazole/Thiamethoxam ZE (A20007C) - Physical and Chemical Properties. Project Number: TK0215134, PC/13/088, TK0215126. Unpublished study prepared Syngenta Crop Protection, LLC. 73p. |
| 49383902 | Birchett (2014) Thiamethoxam/Mefenoxam/Fludioxonil/Thiabendazole/Sedaxane FS (A21073A) - Physical and Chemical Properties. Project Number: TK0224811, PC/14/034, USGR141158. Unpublished study prepared by Syngenta Crop Protection, LLC. 75p. |
| 49524307 | Hipps, A. (2015) Thiamethoxam/Metalaxyl-M and S-isomer (Mefenoxam)/Fludioxonil/Thiabendazole/Sedaxane: A21174B - Physico-Chemical Studies of the Formulation. Project Number: TK0149603, PC/15/003, USGR141468. Unpublished study prepared by Syngenta Crop Protection, LLC. 74p. |
| 49524315 | Hipps, A. (2015) Thiamethoxam/Metalaxyl-M and S-isomer (Mefenoxam)/Fludioxonil/Thiabendazole/Sedaxane: A21174B - Document MIII, Section 1. Project Number: TK0149603, PC/15/001, PC/15/003. Unpublished study prepared by Syngenta Crop Protection, LLC. 34p. |
| 49524402 | HiPPS, A. (2015) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane/Gibberellin A4/A7/Indolebutyric acid/Kinetin FS (A21185B) - Physical and Chemical Properties - Product Chemistry Volume. Project Number: TK0067181, PC/15/007, USGR141550. Unpublished study prepared by Syngenta Crop Protection, LLC. 45p. |
| 49712203 | Hipps, A. (2015) A20903A - Physico-Chemical Studies of Formulation. Project Number: PC/15/091. Unpublished study prepared by Syngenta Biosciences Pvt. Ltd., Syngenta Technology and Engineering and Syngenta Crop Protection Munchwilen AG. 151p. |
| 49712212 | Hipps, A. (2015) A20903A - Document MIII Section 1: Product Chemistry Volume. Project Number: PC/15/090. Unpublished study prepared by Syngenta Crop Protection, LLC. 33p. |
| 49713102 | Hipps, A. (2015) Pasteuria Nishizawae/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21324J - Physico-Chemical Studies of the Formulation, Product Chemistry Volume. Project Number: TK0201751, PC/15/070. Unpublished study prepared by Syngenta Crop Protection, LLC and Syngenta Technology and Engineering. 63p. |
| 49713115 | Hipps, A.; Phelps, L. (2015) Pasteuria Nishizawae/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21324J - Document MIII, Section 1, Product Chemistry Volume. Project Number: TK0201751, PC/15/069. Unpublished study prepared by Syngenta Crop Protection, LLC. 31p. |
| 49980502 | Hipps, A. (2016) Pasteuria nishizawae, Pn1/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21988B - Physico-Chemical Studies of the Formulation: Product Chemistry Volume. Project Number: TK0287649, PC/16/095, USGR160147. Unpublished study prepared by Syngenta Crop Protection, LLC and Syngenta Technology & Projects. 65p. |
| 49980509 | Hipps, A.; Phelps, L. (2016) Pasteuria nishizawae, Pn1/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21988B - Document MIII, Section 1: Product Chemistry Volume. Project Number: TK0287649, PC/16/092, PC/16/095. Unpublished study prepared by Syngenta Crop Protection, LLC. 31p. |
| 49984001 | O'Brien, L. (2016) Determination of Physical & Chemical Characteristics of F4189-1. Project Number: 2016PCP/THI2519, 00111, AP2016/006. Unpublished study prepared by Symbiotic Research, LLC. 226p. |
| 50424102 | Sparrow, K. (2017) A22353A - Physico-Chemical Studies of the Formulation: Product Chemistry Volume. Project Number: TK0236551, PC/17/063. Unpublished study prepared by Syngenta Crop Protection, LLC and Syngenta Technology & Engineering. 65p. |
| 50424115 | Sparrow, K. (2017) A22353A - Document MIII, Section 1: Product Chemistry Volume. Project Number: TK0236551, PC/17/061. Unpublished study prepared by Syngenta Crop Protection, LLC. 29p. |
| 50588202 | Hipps, A. (2018) A22388B - Physical-Chemical Property Studies of the Formulation. Project Number: PC/18/063. Unpublished study prepared by Syngenta Crop Protection, LLC. 62p. |
| 50588215 | Hipps, A. (2018) A22388B - Document MIII, Section 1 - Product Chemistry Volume. Project Number: PC/18/060. Unpublished study prepared by Syngenta Crop Protection, LLC. 26p. |
| 51030003 | Desai, H. (2007) Appearance (Colour, Physical State and Odour) of Thiamethoxam Technical. Project Number: 7082. Unpublished study prepared by Jai Research Foundation. 24p. |
| 51049103 | Parmar, J. (2007) Appearance (Colour, Physical State and Odour) of Thiamethoxam 25% WDG. Project Number: 7278. Unpublished study prepared by Jai Research Foundation. 23p. |
| 51208502 | Prasad, S. (2020) Determination of Accelerated Storage Stability of Thiamethoxam 75% SG. Project Number: 20254. Unpublished study prepared by Palamur Biosciences Private Limited. 62p. |
| 51208503 | Sane, S. (2020) Determination of Active Ingredient Content of Thiamethoxam 75% SG. Project Number: 20253. Unublished study prepared by Palamur Biosciences Private Limited. 34p. |
| 51221103 | Hardie, R. (2020) Determination of Accelerated Storage Stability of Thiamethoxam 12.6% + Lambdacyhalothrin 9.48% ZC. Project Number: 20252. Unpublished study prepared by Palamur Biosciences Private Limited. 55p. |
| 51229002 | Sparrow, K.; Hipps, A. (2021) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane/Isocycloseram A23273A - Physical and Chemical Properties Product Chemistry Volume. Project Number: PC/21/032. Unpublished study prepared by Syngenta Crop Protection, LLC. 67p. |
| 51229102 | Sparrow, K.; Hipps, A. (2021) A23250A ¿ Physical and Chemical Properties: Product Chemistry Volume. Project Number: PC/21/034. Unpublished study prepared by Syngenta Crop Protection, LLC and Syngenta Technology & Projects. 67p. |
| 51288402 | Hipps, A. (2021) Picarbutrazox/Fludioxonil/Thiamethoxam/Metalaxyl-M & SIsomer/Sedaxane A23240B: Physical and Chemical Properties PC Volume. Project Number: PC/20/057. Unpublished study prepared by Syngenta Crop Protection, LLC. 52p. |
| 51438801 | Pastor, K. (2021) Thiamethoxam Technical: Summary of OCSPP 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/02S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51438803 | Wo, C. (2021) Thiamethoxam Technical: Physical and Chemical Characteristics: Color, Physical State, Odor, Stability to Normal and Elevated Temperatures, pH, and Bulk Density. Project Number: 54251, P804/TGAI. Unpublished study prepared by Product Safety Laboratories. 19p. |
| 51625701 | Pastor, K. (2021) ST Premix IPZ-4: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/12S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625703 | Aders, M. (2021) Physical and Chemical Characteristics of ST Premix IPZ-4: Final Report. Project Number: ARC/EX/2979/006/P/1, ARC/EX/2979. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 24p. |
| 51625801 | Pastor, K. (2021) Thiamethoxam 5L: Summary of OPPTS Series Product Properties Test Guidelines. Project Number: ALB21/13S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625803 | Aders, M. (2021) Physical and Chemical Characteristics of Thiamethoxam 5 ST: Final Report. Project Number: ARC/EX/3011/006/P/1, ARC/EX/3011. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 24p. |

### 830.6304       Odor

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46016908 | Hipps, A. (2003) Physical and Chemical Properties of CGA173506/CGA329351 328 FS (A13641B). Project Number: HT03/016, PC/03/026, HT3/017. Unpublished study prepared by Syngenta Crop Protection, Inc. 38 p. |
| 46308302 | Schilling, W. (2004) Physical and Chemical Properties of Fludioxonil/Thiamethoxam/Mefenoxam/Azoxystrobin FS (A14115A). Project Number: PC/04/022, T008906/03, T008911/03. Unpublished study prepared by Syngenta Crop Protection, Inc. 44 p. |
| 46412802 | Schilling, W. (2004) Physical and Chemical Properties of Thiamethoxam FS (600) (A9765N). Project Number: PC/04/092, T015923/04/LI, T015923/04. Unpublished study prepared by Syngenta Crop Protection, Inc. 43 p. |
| 46709002 | Schilling, W. (2005) Physical and Chemical Properties of Fludioxonil/Thiamethoxam/Mefenoxam FS: (Final Report) (012.7/255.5/019.2) (A14379B); (CruiserMaxx). Project Number: 10064609, T003821/05, T003820/05. Unpublished study prepared by Syngenta Crop Protection. 55 p. |
| 46716302 | Brady, M. (2005) Physical and Chemical Properties of CruiserMaxx Potato Insecticide and Fungicide (A14382A): (Final Report). Project Number: PC/05/049, T004483/05, T004649/05. Unpublished study prepared by Syngenta Crop Protection, Inc. 65 p. |
| 46948103 | Phelps, L. (2006) Physical and Chemical Properties of A15236A. Project Number: PC/06/093, T001609/06, HT06/140. Unpublished study prepared by Syngenta Crop Protection, Inc. 60 p. |
| 46948702 | Phelps, L. (2006) Physical and Chemical Properties of A15277A: (Final Report). Project Number: PC/06/095. Unpublished study prepared by Syngenta Crop Protection, Inc. 60 p. |
| 47092502 | Schilling, W. (2006) Physical and Chemical Properties of Fludioxonil/Thiamenthoxam/Mefenoxam SE (012/240/8/035/9) (A14909E) [also referred to in this volume as CGA173506/CGA293343/CGA329351 SE (012/240/8/035/9)]. Project Number: PC/06/131, T003284/06, 10113451. Unpublished study prepared by Syngenta Crop Protection, Inc. 69 p. |
| 47111702 | Phelps, L. (2007) Physical and Chemical Properties of Thiamethoxam GR (0.33) (A12195E). Project Number: PC/07/022, 20832, CGA293343. Unpublished study prepared by Syngenta Crop Protection, Inc. 44 p. |
| 47111802 | Phelps, L. (2007) Physical and Chemical Properties of Thiamethoxam GR (0.22) (A11859G): (Thiamethoxam Lawn & Landscape 0.22G). Project Number: PC/07/024, 20829, P801. Unpublished study prepared by Syngenta Crop Protection. 44 p. |
| 47176502 | Sparrow, K. (2007) Physical and Chemical Properties of Thiamethoxam SG (75) (A9549C). Project Number: PC/07/018, 116863, 10123180/DOC. Unpublished study prepared by Syngenta Crop Protection. 68 p. |
| 47234702 | Phelps, L. (2007) Physical and Chemical Properties of Thiamethoxam/Lambda-cyhalothrin GR (A15008B): (Final Report). Project Number: PC/07/056, HT07/139. Unpublished study prepared by Syngenta Crop Science. 35 p. |
| 47246702 | Schilling, W. (2007) Physical and Chemical Properties of Difenoconazole/Thiamethoxam/Mefenoxam FS (A15424B). Project Number: PC/07/054. Unpublished study prepared by Syngenta Crop Protection, Inc. 34 p. |
| 47420902 | Sparrow, K. (2007) Thiamethoxam/ Chlorantraniliprole SC (200/100) (A15452B): Physical and Chemical Properties of Thiamethoxam/ Chlorantraniliprole SC (200/100) (A15452B). Project Number: PC/07/033, 116713, 10120367/DOC. Unpublished study prepared by Syngenta Crop Protection. 55 p. |
| 47424102 | Sparrow, K. (2007) Thiamethoxam/ Chlorantraniliprole WG (20/20) (A15645A): Physical and Chemical Properties of Thiamethoxam/ Chlorantraniliprole WG (20/20) (A15645A): (Final Report). Project Number: PC/07/035, 117206, HT07/056. Unpublished study prepared by Syngenta Crop Protection, Inc. 50 p. |
| 47424302 | Schilling, W. (2007) Thiamethoxam/ Abamectin FS (A16115A): Physical and Chemical Properties of Thiamethoxam/ Abamectin FS (A16115A). Project Number: PC/07/107, T003985/07, HT07/292. Unpublished study prepared by Syngenta Crop Protection, Inc. 34 p. |
| 47579602 | Sparrow, K. (2008) Lambda Cyhalothrin/Thiamethoxam ME (A16424B)-Physical and Chemical Properties. Project Number: PC/08/037. Unpublished study prepared by Syngenta Crop Protection. 34 p. |
| 47579704 | Sparrow, K. (2008) Lambda Cyhalothrin/Thiamethoxam ME (A16423B) - Physical and Chemical Properties - PC Volume. Project Number: PC/08/035, T001535/08, 10364091/DOC. Unpublished study prepared by Syngenta Crop Protection, Inc. 34 p. |
| 47618402 | Sparrow, K. (2007) Physical and Chemical Properties of Thiamethoxam GR (.2) (A16245A): (Meridian 0.20G). Project Number: PC/07/092, T002962/07, 10327966/DOC. Unpublished study prepared by Syngenta Crop Protection, Inc. 35 p. |
| 47642001 | Sparrow, K. (2007) Physical and Chemical Properties of Thiamethoxam GR (.14) (A16244A). Project Number: T002958/07, 10327955/DOC, PC/07/090. Unpublished study prepared by Syngenta Crop Protection. 35 p. |
| 47702702 | Irrig, H. (2009) Abamectin/Thiamethoxam SC (A15543C) - Physical and Chemical Properties. Project Number: PC/08/070, 10344637/DOC, T000176/08. Unpublished study prepared by Syngenta Crop Protection, Inc. 34 p. |
| 47722902 | Irrig, H. (2009) Abamectin/Thiamethoxam FS (A17015A) - Physical and Chemical Properties. Project Number: PC/09/028. Unpublished study prepared by Syngenta Crop Protection, Inc. 35 p. |
| 47914902 | Sparrow, K. (2009) Thiamethoxam Technical (CGA293343) - Physical and Chemical Properties. Project Number: PC/09/072. Unpublished study prepared by Syngenta Crop Protection, Inc. 8 p. |
| 47919806 | Stulz, J. (2010) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane FS (036.9/030.7/009.5/008) (A17511B) - Physico-Chemical Studies of the Formulation. Project Number: A17511B/10035/OCR, PC/10/038, A17511B/10035. Unpublished study prepared by Syngenta Crop Protection, Inc. 40 p. |
| 47919815 | Stulz, J. (2010) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane FS: (036.9/030.7/009.5/008): (A17511B) - Document M-III, Section 1: Identity, Physical and Chemical Properties, Further Information and Proposed Classification. Project Number: A17511B/10013/OCR, PC/10/048, A17511B/10013. Unpublished study prepared by Syngenta Crop Protection, Inc. 36 p. |
| 47934702 | Sparrow, K. (2009) Difenoconazole/ Thiamethoxam/ Lambda Cyhalothrin ME RTU (A17570B): Physical and Chemical Properties. Project Number: PC/09/092, 28055. Unpublished study prepared by Syngenta Crop Protection, Inc. 24 p. |
| 47934903 | Sparrow, K. (2009) Difenoconazole/Thiamethoxam/Lambda Cyhalothrin ME Concentrate (A17571B) - Physical and Chemical Properties: PC Volume. Project Number: PC/09/094. Unpublished study prepared by Syngenta Crop Protection, Inc. 32 p. |
| 47962502 | Hipps, A. (2010) Thiamethoxam, Fludioxonil, Azoxystrobin, Mefenoxam: Cruiser Maxx Rice (A17469B): Physical and Chemical Properties. Project Number: PC/10/007, A17469B/50021, TK0016132. Unpublished study prepared by Syngenta Crop Protection, Inc. 34 p. |
| 47973302 | Sparrow, K. (2010) Thiamethoxam RB (.003) (A14116A): Physical and Chemical Properties. Project Number: PC/10/002/OCR, A14116A/50004. Unpublished study prepared by Syngenta Crop Protection, Inc. 25 p. |
| 48081702 | Hipps, A. (2010) Thiamethoxam/Fludioxonil/Mefenoxam/Azoxystrobin FS (A18046A): Physical and Chemical Properties. Project Number: PC/10/057/OCR, TK0025133. Unpublished study prepared by Syngenta Crop Protection, Inc. 33 p. |
| 48300803 | Hipps, A. (2010) Avicta Complete Corn 500 Premix (A18043A) - Physical and Chemical Properties. Project Number: PC/10/079, PC/10/079/OCR, TK0013667. Unpublished study prepared by Syngenta Crop Protection, Inc. and Syngenta Technology & Projects. 33 p. |
| 48342603 | Hipps, A. (2010) Avicta Complete Corn 250 Premix (A18112D) - Physical and Chemical Properties. Project Number: PC/10/101, TK0028455, 10433097/DOC. Unpublished study prepared by Syngenta Crop Protection, Inc., and Syngenta Technology & Projects. 33 p. |
| 48381502 | Sparrow, K. (2011) Azoxystrobin/Thiamethoxam GR (A18445A) - Physical and Chemical Properties. Project Number: PC/11/018. Unpublished study prepared by Syngenta Crop Protection, LLC. 36 p. |
| 48432502 | Born, R. (2011) Cyantraniliprole/ Thiamethoxam WG (A16901B)- Physico-Chemical Studies of the Formulation: PC Volume. Project Number: A16901B/10065, PC/11/057, 121400. Unpublished study prepared by Syngenta Crop Protection, LLC. 337 p. |
| 48491902 | Hipps, A. (2011) Cruiser Maxx + Thiabendazole (A18212C) - Physical and Chemical Properties. Project Number: PC/11/034/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 34 p. |
| 48506802 | Hipps, A. (2011) CruiserMaxx Potato Extreme (A18232A): Physical and Chemical Properties. Project Number: PC/11/043/OCR, A18232A/50018, TK0056213. Unpublished study prepared by Syngenta Crop Protection, LLC. 33 p. |
| 48540902 | Hipps, A. (2011) Thiamethoxam, Mefenoxam, Fludioxonil: THX/MXM/FDL Colorless (A18901A) - Physical and Chemical Properties. Project Number: PC/11/045, PC/11/045/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 34p. |
| 48579702 | Sparrow, K. (2011) Lambda-Cyhalothrin/Thiamethoxam SC (A18484A) - Physical and Chemical Properties. Project Number: TK0053837/OCR 10448118/DOC PC/11/016. Unpublished study prepared by Syngenta Crop Protection, LLC. 33p. |
| 48644002 | Hipps, A. (2011) Dynasty PD + Thiamethoxam (A17461A) - Physical and Chemical Properties. Project Number: PC/11/030, PC/11/030/OCR, TK0053458. Unpublished study prepared by Syngenta Crop Protection, LLC. 36p. |
| 48667601 | Sparrow, K. (2011) Abamectin/Thiamethoxam SC (A15913B) - Physical and Chemical Properties. Project Number: PC/11/055/OCR, 10375998/DOC, 10463525/DOC. Unpublished study prepared by Syngenta Crop Protection, LLC. 47p. |
| 48682402 | Hipps, A. (2012) Adage Deluxe (A19092D) - Physical and Chemical Properties. Project Number: PC/12/006/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 34p. |
| 48682502 | Hipps, A. (2012) Adage Premier (A19093D) - Physical and Chemical Properties. Project Number: PC/12/008/OCR, TK0103556, 10482243/DOC. Unpublished study prepared by Syngenta Crop Protection. 34p. |
| 48758402 | Hipps, A. (2012) SYT0113 (A19511A) - Physical and Chemical Properties. Project Number: PC/12/053, HT11/599/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC and Syngenta Huddersfield Manufacturing Center. 34p. |
| 48836002 | Hipps, A. (2012) Avicta Complete Beans 500 (A19409A) - Physical and Chemical Properties. Project Number: PC/12/027/OCR, TK0102734, 10488585/DOC. Unpublished study prepared by Syngenta Crop Protection. 34p. |
| 48836202 | Hipps, A. (2012) CruiserMaxx Supreme (A19094D) - Physical and Chemical Properties. Project Number: PC/12/010. Unpublished study prepared by Syngenta Crop Protection, LLC. 33p. |
| 48836402 | Sparrow, K. (2011) Lambda-Cyhalothrin/Thiamethoxam ZC (A18481A) - Physical and Chemical Properties. Project Number: PC/11/020/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 34p. |
| 49070401 | Hipps, A. (2013) Thiamethoxam/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxane FS: A19997A: Document M-III, Section 1: Identity, Physical and Chemical Properties, Further Information and Proposed Classification. Project Number: PC/13/015. Unpublished study prepared by Syngenta Crop Protection, LLC. 30p. |
| 49070403 | Hipps, A. (2013) Thiamethoxam/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxane FS (A19997A): Physical and Chemical Properties. Project Number: PC/13/017/OCR. Unpublished study prepared by Syngenta Huddersfield Manufacturing Center and Syngenta Crop Protection, LLC. 73p. |
| 49120202 | Hipps, A. (2013) Thiamethoxam/Difenoconazole/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxan: A20307A - Document MIII, Section 1: Product Chemistry. Project Number: TK0067821/OCR, PC/13/054. Unpublished study prepared by Syngenta Crop Protection, LLC. 37p. |
| 49120206 | Hipps, A. (2013) Thiamethoxam/Difenoconazole/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxan: A20307A - Physical-Chemical Studies of the Formulation. Project Number: TK0067821/OCR, PC/13/056. Unpublished study prepared by Syngenta Crop Protection, LLC. 68p. |
| 49282702 | Hipps, A. (2014) Abamectin/Thiamethoxam FS (A20703C) - Physical and Chemical Properties. Project Number: PC/14/013, TK0193416, TK0161960. Unpublished study prepared by Syngenta Crop Protection, LLC. 75p. |
| 49283007 | Hipps, A. (2014) Thiamethoxam/Fludioxonil/Difenoconazole/Sedaxane: A20588A - Physico-Chemical Studies of the Formulation: Product Chemistry Volume. Project Number: TK0193878, PC/14/007, TK0193488. Unpublished study prepared by Syngenta Crop Protection, LLC. 68p. |
| 49283014 | Hipps, A. (2014) Thiamethoxam/Fludioxonil/Difenoconazole/Sedaxane: A20588A - Document MIII, Section 1: Product Chemistry Volume. Project Number: TK0068469, PC/14/003. Unpublished study prepared by Syngenta Crop Protection, LLC. 32p. |
| 49326102 | Heuser, J. (2014) Lambda-cyhalothrin/Azoxystrobin/Propiconazole/Thiamethoxam ZE (A20007C) - Physical and Chemical Properties. Project Number: TK0215134, PC/13/088, TK0215126. Unpublished study prepared Syngenta Crop Protection, LLC. 73p. |
| 49383902 | Birchett (2014) Thiamethoxam/Mefenoxam/Fludioxonil/Thiabendazole/Sedaxane FS (A21073A) - Physical and Chemical Properties. Project Number: TK0224811, PC/14/034, USGR141158. Unpublished study prepared by Syngenta Crop Protection, LLC. 75p. |
| 49524307 | Hipps, A. (2015) Thiamethoxam/Metalaxyl-M and S-isomer (Mefenoxam)/Fludioxonil/Thiabendazole/Sedaxane: A21174B - Physico-Chemical Studies of the Formulation. Project Number: TK0149603, PC/15/003, USGR141468. Unpublished study prepared by Syngenta Crop Protection, LLC. 74p. |
| 49524315 | Hipps, A. (2015) Thiamethoxam/Metalaxyl-M and S-isomer (Mefenoxam)/Fludioxonil/Thiabendazole/Sedaxane: A21174B - Document MIII, Section 1. Project Number: TK0149603, PC/15/001, PC/15/003. Unpublished study prepared by Syngenta Crop Protection, LLC. 34p. |
| 49524402 | HiPPS, A. (2015) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane/Gibberellin A4/A7/Indolebutyric acid/Kinetin FS (A21185B) - Physical and Chemical Properties - Product Chemistry Volume. Project Number: TK0067181, PC/15/007, USGR141550. Unpublished study prepared by Syngenta Crop Protection, LLC. 45p. |
| 49712203 | Hipps, A. (2015) A20903A - Physico-Chemical Studies of Formulation. Project Number: PC/15/091. Unpublished study prepared by Syngenta Biosciences Pvt. Ltd., Syngenta Technology and Engineering and Syngenta Crop Protection Munchwilen AG. 151p. |
| 49712212 | Hipps, A. (2015) A20903A - Document MIII Section 1: Product Chemistry Volume. Project Number: PC/15/090. Unpublished study prepared by Syngenta Crop Protection, LLC. 33p. |
| 49713102 | Hipps, A. (2015) Pasteuria Nishizawae/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21324J - Physico-Chemical Studies of the Formulation, Product Chemistry Volume. Project Number: TK0201751, PC/15/070. Unpublished study prepared by Syngenta Crop Protection, LLC and Syngenta Technology and Engineering. 63p. |
| 49713115 | Hipps, A.; Phelps, L. (2015) Pasteuria Nishizawae/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21324J - Document MIII, Section 1, Product Chemistry Volume. Project Number: TK0201751, PC/15/069. Unpublished study prepared by Syngenta Crop Protection, LLC. 31p. |
| 49980502 | Hipps, A. (2016) Pasteuria nishizawae, Pn1/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21988B - Physico-Chemical Studies of the Formulation: Product Chemistry Volume. Project Number: TK0287649, PC/16/095, USGR160147. Unpublished study prepared by Syngenta Crop Protection, LLC and Syngenta Technology & Projects. 65p. |
| 49980509 | Hipps, A.; Phelps, L. (2016) Pasteuria nishizawae, Pn1/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21988B - Document MIII, Section 1: Product Chemistry Volume. Project Number: TK0287649, PC/16/092, PC/16/095. Unpublished study prepared by Syngenta Crop Protection, LLC. 31p. |
| 49984001 | O'Brien, L. (2016) Determination of Physical & Chemical Characteristics of F4189-1. Project Number: 2016PCP/THI2519, 00111, AP2016/006. Unpublished study prepared by Symbiotic Research, LLC. 226p. |
| 50424102 | Sparrow, K. (2017) A22353A - Physico-Chemical Studies of the Formulation: Product Chemistry Volume. Project Number: TK0236551, PC/17/063. Unpublished study prepared by Syngenta Crop Protection, LLC and Syngenta Technology & Engineering. 65p. |
| 50424115 | Sparrow, K. (2017) A22353A - Document MIII, Section 1: Product Chemistry Volume. Project Number: TK0236551, PC/17/061. Unpublished study prepared by Syngenta Crop Protection, LLC. 29p. |
| 50588202 | Hipps, A. (2018) A22388B - Physical-Chemical Property Studies of the Formulation. Project Number: PC/18/063. Unpublished study prepared by Syngenta Crop Protection, LLC. 62p. |
| 50588215 | Hipps, A. (2018) A22388B - Document MIII, Section 1 - Product Chemistry Volume. Project Number: PC/18/060. Unpublished study prepared by Syngenta Crop Protection, LLC. 26p. |
| 51030003 | Desai, H. (2007) Appearance (Colour, Physical State and Odour) of Thiamethoxam Technical. Project Number: 7082. Unpublished study prepared by Jai Research Foundation. 24p. |
| 51049103 | Parmar, J. (2007) Appearance (Colour, Physical State and Odour) of Thiamethoxam 25% WDG. Project Number: 7278. Unpublished study prepared by Jai Research Foundation. 23p. |
| 51208502 | Prasad, S. (2020) Determination of Accelerated Storage Stability of Thiamethoxam 75% SG. Project Number: 20254. Unpublished study prepared by Palamur Biosciences Private Limited. 62p. |
| 51221103 | Hardie, R. (2020) Determination of Accelerated Storage Stability of Thiamethoxam 12.6% + Lambdacyhalothrin 9.48% ZC. Project Number: 20252. Unpublished study prepared by Palamur Biosciences Private Limited. 55p. |
| 51229002 | Sparrow, K.; Hipps, A. (2021) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane/Isocycloseram A23273A - Physical and Chemical Properties Product Chemistry Volume. Project Number: PC/21/032. Unpublished study prepared by Syngenta Crop Protection, LLC. 67p. |
| 51229102 | Sparrow, K.; Hipps, A. (2021) A23250A ¿ Physical and Chemical Properties: Product Chemistry Volume. Project Number: PC/21/034. Unpublished study prepared by Syngenta Crop Protection, LLC and Syngenta Technology & Projects. 67p. |
| 51288402 | Hipps, A. (2021) Picarbutrazox/Fludioxonil/Thiamethoxam/Metalaxyl-M & SIsomer/Sedaxane A23240B: Physical and Chemical Properties PC Volume. Project Number: PC/20/057. Unpublished study prepared by Syngenta Crop Protection, LLC. 52p. |
| 51438801 | Pastor, K. (2021) Thiamethoxam Technical: Summary of OCSPP 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/02S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51438803 | Wo, C. (2021) Thiamethoxam Technical: Physical and Chemical Characteristics: Color, Physical State, Odor, Stability to Normal and Elevated Temperatures, pH, and Bulk Density. Project Number: 54251, P804/TGAI. Unpublished study prepared by Product Safety Laboratories. 19p. |
| 51625701 | Pastor, K. (2021) ST Premix IPZ-4: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/12S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625703 | Aders, M. (2021) Physical and Chemical Characteristics of ST Premix IPZ-4: Final Report. Project Number: ARC/EX/2979/006/P/1, ARC/EX/2979. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 24p. |
| 51625801 | Pastor, K. (2021) Thiamethoxam 5L: Summary of OPPTS Series Product Properties Test Guidelines. Project Number: ALB21/13S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625803 | Aders, M. (2021) Physical and Chemical Characteristics of Thiamethoxam 5 ST: Final Report. Project Number: ARC/EX/3011/006/P/1, ARC/EX/3011. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 24p. |

### 830.6313       Stability to normal and elevated temperatures, metals, and metal ions

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 47914902 | Sparrow, K. (2009) Thiamethoxam Technical (CGA293343) - Physical and Chemical Properties. Project Number: PC/09/072. Unpublished study prepared by Syngenta Crop Protection, Inc. 8 p. |
| 50588215 | Hipps, A. (2018) A22388B - Document MIII, Section 1 - Product Chemistry Volume. Project Number: PC/18/060. Unpublished study prepared by Syngenta Crop Protection, LLC. 26p. |
| 51030004 | Patel, A. (2007) Accelerated Storage Stability of Thiamethozam Technical. Project Number: 7091. Unpublished study prepared by Jai Research Foundation. 47p. |
| 51049110 | Shultz, K. (2020) Sharda Thiamethoxam 25% WDG Product Chemistry ¿ Group B: Request for Waiver for Certain Physical / Chemical Properties Data. Unpublished study prepared by Sharda USA LLC. 5p. |
| 51134213 | Shultz, K. (2020) Sharda Thiamethoxam 40% WDG: Product Chemistry - Group B: Request for Waiver for Certain Physical / Chemical Properties Data. Unpublished study prepared by Sharda USA LLC. 5p. |
| 51208504 | Shultz, K. (2020) Sharda Thiamethoxam 75% SG: Product Chemistry - Group B: Request for Waiver for Certain Physical/Chemical Properties Data. Unpublished study prepared by Sharda USA, LLC. 5p. |
| 51221104 | Hardie, R. (2020) Sharda Thiamethoxam 12.6% + Lambda 9.48% SC; ABN: Spiderman Product Chemistry - Group B: Request for Waiver for Certain Physical/Chemical Properties Data. Unpublished study prepared by Sharda USA, LLC. 5p. |
| 51438801 | Pastor, K. (2021) Thiamethoxam Technical: Summary of OCSPP 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/02S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51438803 | Wo, C. (2021) Thiamethoxam Technical: Physical and Chemical Characteristics: Color, Physical State, Odor, Stability to Normal and Elevated Temperatures, pH, and Bulk Density. Project Number: 54251, P804/TGAI. Unpublished study prepared by Product Safety Laboratories. 19p. |
| 51625701 | Pastor, K. (2021) ST Premix IPZ-4: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/12S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625801 | Pastor, K. (2021) Thiamethoxam 5L: Summary of OPPTS Series Product Properties Test Guidelines. Project Number: ALB21/13S. Unpublished study prepared by Albaugh, LLC. 7p. |

### 830.6314       Oxidizing or reducing action

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46016908 | Hipps, A. (2003) Physical and Chemical Properties of CGA173506/CGA329351 328 FS (A13641B). Project Number: HT03/016, PC/03/026, HT3/017. Unpublished study prepared by Syngenta Crop Protection, Inc. 38 p. |
| 46308302 | Schilling, W. (2004) Physical and Chemical Properties of Fludioxonil/Thiamethoxam/Mefenoxam/Azoxystrobin FS (A14115A). Project Number: PC/04/022, T008906/03, T008911/03. Unpublished study prepared by Syngenta Crop Protection, Inc. 44 p. |
| 46412802 | Schilling, W. (2004) Physical and Chemical Properties of Thiamethoxam FS (600) (A9765N). Project Number: PC/04/092, T015923/04/LI, T015923/04. Unpublished study prepared by Syngenta Crop Protection, Inc. 43 p. |
| 46709002 | Schilling, W. (2005) Physical and Chemical Properties of Fludioxonil/Thiamethoxam/Mefenoxam FS: (Final Report) (012.7/255.5/019.2) (A14379B); (CruiserMaxx). Project Number: 10064609, T003821/05, T003820/05. Unpublished study prepared by Syngenta Crop Protection. 55 p. |
| 46716302 | Brady, M. (2005) Physical and Chemical Properties of CruiserMaxx Potato Insecticide and Fungicide (A14382A): (Final Report). Project Number: PC/05/049, T004483/05, T004649/05. Unpublished study prepared by Syngenta Crop Protection, Inc. 65 p. |
| 46948103 | Phelps, L. (2006) Physical and Chemical Properties of A15236A. Project Number: PC/06/093, T001609/06, HT06/140. Unpublished study prepared by Syngenta Crop Protection, Inc. 60 p. |
| 46948702 | Phelps, L. (2006) Physical and Chemical Properties of A15277A: (Final Report). Project Number: PC/06/095. Unpublished study prepared by Syngenta Crop Protection, Inc. 60 p. |
| 47092502 | Schilling, W. (2006) Physical and Chemical Properties of Fludioxonil/Thiamenthoxam/Mefenoxam SE (012/240/8/035/9) (A14909E) [also referred to in this volume as CGA173506/CGA293343/CGA329351 SE (012/240/8/035/9)]. Project Number: PC/06/131, T003284/06, 10113451. Unpublished study prepared by Syngenta Crop Protection, Inc. 69 p. |
| 47111702 | Phelps, L. (2007) Physical and Chemical Properties of Thiamethoxam GR (0.33) (A12195E). Project Number: PC/07/022, 20832, CGA293343. Unpublished study prepared by Syngenta Crop Protection, Inc. 44 p. |
| 47111802 | Phelps, L. (2007) Physical and Chemical Properties of Thiamethoxam GR (0.22) (A11859G): (Thiamethoxam Lawn & Landscape 0.22G). Project Number: PC/07/024, 20829, P801. Unpublished study prepared by Syngenta Crop Protection. 44 p. |
| 47176502 | Sparrow, K. (2007) Physical and Chemical Properties of Thiamethoxam SG (75) (A9549C). Project Number: PC/07/018, 116863, 10123180/DOC. Unpublished study prepared by Syngenta Crop Protection. 68 p. |
| 47246702 | Schilling, W. (2007) Physical and Chemical Properties of Difenoconazole/Thiamethoxam/Mefenoxam FS (A15424B). Project Number: PC/07/054. Unpublished study prepared by Syngenta Crop Protection, Inc. 34 p. |
| 47424102 | Sparrow, K. (2007) Thiamethoxam/ Chlorantraniliprole WG (20/20) (A15645A): Physical and Chemical Properties of Thiamethoxam/ Chlorantraniliprole WG (20/20) (A15645A): (Final Report). Project Number: PC/07/035, 117206, HT07/056. Unpublished study prepared by Syngenta Crop Protection, Inc. 50 p. |
| 47424302 | Schilling, W. (2007) Thiamethoxam/ Abamectin FS (A16115A): Physical and Chemical Properties of Thiamethoxam/ Abamectin FS (A16115A). Project Number: PC/07/107, T003985/07, HT07/292. Unpublished study prepared by Syngenta Crop Protection, Inc. 34 p. |
| 47579602 | Sparrow, K. (2008) Lambda Cyhalothrin/Thiamethoxam ME (A16424B)-Physical and Chemical Properties. Project Number: PC/08/037. Unpublished study prepared by Syngenta Crop Protection. 34 p. |
| 47618402 | Sparrow, K. (2007) Physical and Chemical Properties of Thiamethoxam GR (.2) (A16245A): (Meridian 0.20G). Project Number: PC/07/092, T002962/07, 10327966/DOC. Unpublished study prepared by Syngenta Crop Protection, Inc. 35 p. |
| 47642001 | Sparrow, K. (2007) Physical and Chemical Properties of Thiamethoxam GR (.14) (A16244A). Project Number: T002958/07, 10327955/DOC, PC/07/090. Unpublished study prepared by Syngenta Crop Protection. 35 p. |
| 47702702 | Irrig, H. (2009) Abamectin/Thiamethoxam SC (A15543C) - Physical and Chemical Properties. Project Number: PC/08/070, 10344637/DOC, T000176/08. Unpublished study prepared by Syngenta Crop Protection, Inc. 34 p. |
| 47722902 | Irrig, H. (2009) Abamectin/Thiamethoxam FS (A17015A) - Physical and Chemical Properties. Project Number: PC/09/028. Unpublished study prepared by Syngenta Crop Protection, Inc. 35 p. |
| 47914902 | Sparrow, K. (2009) Thiamethoxam Technical (CGA293343) - Physical and Chemical Properties. Project Number: PC/09/072. Unpublished study prepared by Syngenta Crop Protection, Inc. 8 p. |
| 47915210 | Angly, H. (2000) Test Report 2000.4014.OXP Oxidizing Properties of Solids: (Thiametoxam 1% GB1). Project Number: SIDATGBQ/03032000. Unpublished study prepared by Institute of Safety & Security. 7 p. |
| 47915414 | Angly, H. (1998) Test Report 98.4055.0XP Oxidizing Properties of Solids. Unpublished study prepared by Institute of Safety & Security. 7 p. |
| 47919806 | Stulz, J. (2010) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane FS (036.9/030.7/009.5/008) (A17511B) - Physico-Chemical Studies of the Formulation. Project Number: A17511B/10035/OCR, PC/10/038, A17511B/10035. Unpublished study prepared by Syngenta Crop Protection, Inc. 40 p. |
| 47919815 | Stulz, J. (2010) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane FS: (036.9/030.7/009.5/008): (A17511B) - Document M-III, Section 1: Identity, Physical and Chemical Properties, Further Information and Proposed Classification. Project Number: A17511B/10013/OCR, PC/10/048, A17511B/10013. Unpublished study prepared by Syngenta Crop Protection, Inc. 36 p. |
| 47934702 | Sparrow, K. (2009) Difenoconazole/ Thiamethoxam/ Lambda Cyhalothrin ME RTU (A17570B): Physical and Chemical Properties. Project Number: PC/09/092, 28055. Unpublished study prepared by Syngenta Crop Protection, Inc. 24 p. |
| 47934903 | Sparrow, K. (2009) Difenoconazole/Thiamethoxam/Lambda Cyhalothrin ME Concentrate (A17571B) - Physical and Chemical Properties: PC Volume. Project Number: PC/09/094. Unpublished study prepared by Syngenta Crop Protection, Inc. 32 p. |
| 47962502 | Hipps, A. (2010) Thiamethoxam, Fludioxonil, Azoxystrobin, Mefenoxam: Cruiser Maxx Rice (A17469B): Physical and Chemical Properties. Project Number: PC/10/007, A17469B/50021, TK0016132. Unpublished study prepared by Syngenta Crop Protection, Inc. 34 p. |
| 47973302 | Sparrow, K. (2010) Thiamethoxam RB (.003) (A14116A): Physical and Chemical Properties. Project Number: PC/10/002/OCR, A14116A/50004. Unpublished study prepared by Syngenta Crop Protection, Inc. 25 p. |
| 48081702 | Hipps, A. (2010) Thiamethoxam/Fludioxonil/Mefenoxam/Azoxystrobin FS (A18046A): Physical and Chemical Properties. Project Number: PC/10/057/OCR, TK0025133. Unpublished study prepared by Syngenta Crop Protection, Inc. 33 p. |
| 48300803 | Hipps, A. (2010) Avicta Complete Corn 500 Premix (A18043A) - Physical and Chemical Properties. Project Number: PC/10/079, PC/10/079/OCR, TK0013667. Unpublished study prepared by Syngenta Crop Protection, Inc. and Syngenta Technology & Projects. 33 p. |
| 48342603 | Hipps, A. (2010) Avicta Complete Corn 250 Premix (A18112D) - Physical and Chemical Properties. Project Number: PC/10/101, TK0028455, 10433097/DOC. Unpublished study prepared by Syngenta Crop Protection, Inc., and Syngenta Technology & Projects. 33 p. |
| 48381502 | Sparrow, K. (2011) Azoxystrobin/Thiamethoxam GR (A18445A) - Physical and Chemical Properties. Project Number: PC/11/018. Unpublished study prepared by Syngenta Crop Protection, LLC. 36 p. |
| 48432502 | Born, R. (2011) Cyantraniliprole/ Thiamethoxam WG (A16901B)- Physico-Chemical Studies of the Formulation: PC Volume. Project Number: A16901B/10065, PC/11/057, 121400. Unpublished study prepared by Syngenta Crop Protection, LLC. 337 p. |
| 48491902 | Hipps, A. (2011) Cruiser Maxx + Thiabendazole (A18212C) - Physical and Chemical Properties. Project Number: PC/11/034/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 34 p. |
| 48540902 | Hipps, A. (2011) Thiamethoxam, Mefenoxam, Fludioxonil: THX/MXM/FDL Colorless (A18901A) - Physical and Chemical Properties. Project Number: PC/11/045, PC/11/045/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 34p. |
| 48579702 | Sparrow, K. (2011) Lambda-Cyhalothrin/Thiamethoxam SC (A18484A) - Physical and Chemical Properties. Project Number: TK0053837/OCR 10448118/DOC PC/11/016. Unpublished study prepared by Syngenta Crop Protection, LLC. 33p. |
| 48644002 | Hipps, A. (2011) Dynasty PD + Thiamethoxam (A17461A) - Physical and Chemical Properties. Project Number: PC/11/030, PC/11/030/OCR, TK0053458. Unpublished study prepared by Syngenta Crop Protection, LLC. 36p. |
| 48682402 | Hipps, A. (2012) Adage Deluxe (A19092D) - Physical and Chemical Properties. Project Number: PC/12/006/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 34p. |
| 48682502 | Hipps, A. (2012) Adage Premier (A19093D) - Physical and Chemical Properties. Project Number: PC/12/008/OCR, TK0103556, 10482243/DOC. Unpublished study prepared by Syngenta Crop Protection. 34p. |
| 48758402 | Hipps, A. (2012) SYT0113 (A19511A) - Physical and Chemical Properties. Project Number: PC/12/053, HT11/599/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC and Syngenta Huddersfield Manufacturing Center. 34p. |
| 48773101 | Liu, Y. (2012) Agita 10 WG: Product Chemistry: (Group B): Final Report. Project Number: 15836/11. Unpublished study prepared by Stillmeadow, Inc. 8p. |
| 48836002 | Hipps, A. (2012) Avicta Complete Beans 500 (A19409A) - Physical and Chemical Properties. Project Number: PC/12/027/OCR, TK0102734, 10488585/DOC. Unpublished study prepared by Syngenta Crop Protection. 34p. |
| 48836202 | Hipps, A. (2012) CruiserMaxx Supreme (A19094D) - Physical and Chemical Properties. Project Number: PC/12/010. Unpublished study prepared by Syngenta Crop Protection, LLC. 33p. |
| 48836402 | Sparrow, K. (2011) Lambda-Cyhalothrin/Thiamethoxam ZC (A18481A) - Physical and Chemical Properties. Project Number: PC/11/020/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 34p. |
| 49070401 | Hipps, A. (2013) Thiamethoxam/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxane FS: A19997A: Document M-III, Section 1: Identity, Physical and Chemical Properties, Further Information and Proposed Classification. Project Number: PC/13/015. Unpublished study prepared by Syngenta Crop Protection, LLC. 30p. |
| 49070403 | Hipps, A. (2013) Thiamethoxam/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxane FS (A19997A): Physical and Chemical Properties. Project Number: PC/13/017/OCR. Unpublished study prepared by Syngenta Huddersfield Manufacturing Center and Syngenta Crop Protection, LLC. 73p. |
| 49120202 | Hipps, A. (2013) Thiamethoxam/Difenoconazole/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxan: A20307A - Document MIII, Section 1: Product Chemistry. Project Number: TK0067821/OCR, PC/13/054. Unpublished study prepared by Syngenta Crop Protection, LLC. 37p. |
| 49120206 | Hipps, A. (2013) Thiamethoxam/Difenoconazole/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxan: A20307A - Physical-Chemical Studies of the Formulation. Project Number: TK0067821/OCR, PC/13/056. Unpublished study prepared by Syngenta Crop Protection, LLC. 68p. |
| 49282702 | Hipps, A. (2014) Abamectin/Thiamethoxam FS (A20703C) - Physical and Chemical Properties. Project Number: PC/14/013, TK0193416, TK0161960. Unpublished study prepared by Syngenta Crop Protection, LLC. 75p. |
| 49283007 | Hipps, A. (2014) Thiamethoxam/Fludioxonil/Difenoconazole/Sedaxane: A20588A - Physico-Chemical Studies of the Formulation: Product Chemistry Volume. Project Number: TK0193878, PC/14/007, TK0193488. Unpublished study prepared by Syngenta Crop Protection, LLC. 68p. |
| 49283014 | Hipps, A. (2014) Thiamethoxam/Fludioxonil/Difenoconazole/Sedaxane: A20588A - Document MIII, Section 1: Product Chemistry Volume. Project Number: TK0068469, PC/14/003. Unpublished study prepared by Syngenta Crop Protection, LLC. 32p. |
| 49326102 | Heuser, J. (2014) Lambda-cyhalothrin/Azoxystrobin/Propiconazole/Thiamethoxam ZE (A20007C) - Physical and Chemical Properties. Project Number: TK0215134, PC/13/088, TK0215126. Unpublished study prepared Syngenta Crop Protection, LLC. 73p. |
| 49383902 | Birchett (2014) Thiamethoxam/Mefenoxam/Fludioxonil/Thiabendazole/Sedaxane FS (A21073A) - Physical and Chemical Properties. Project Number: TK0224811, PC/14/034, USGR141158. Unpublished study prepared by Syngenta Crop Protection, LLC. 75p. |
| 49524307 | Hipps, A. (2015) Thiamethoxam/Metalaxyl-M and S-isomer (Mefenoxam)/Fludioxonil/Thiabendazole/Sedaxane: A21174B - Physico-Chemical Studies of the Formulation. Project Number: TK0149603, PC/15/003, USGR141468. Unpublished study prepared by Syngenta Crop Protection, LLC. 74p. |
| 49524315 | Hipps, A. (2015) Thiamethoxam/Metalaxyl-M and S-isomer (Mefenoxam)/Fludioxonil/Thiabendazole/Sedaxane: A21174B - Document MIII, Section 1. Project Number: TK0149603, PC/15/001, PC/15/003. Unpublished study prepared by Syngenta Crop Protection, LLC. 34p. |
| 49524402 | HiPPS, A. (2015) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane/Gibberellin A4/A7/Indolebutyric acid/Kinetin FS (A21185B) - Physical and Chemical Properties - Product Chemistry Volume. Project Number: TK0067181, PC/15/007, USGR141550. Unpublished study prepared by Syngenta Crop Protection, LLC. 45p. |
| 49712203 | Hipps, A. (2015) A20903A - Physico-Chemical Studies of Formulation. Project Number: PC/15/091. Unpublished study prepared by Syngenta Biosciences Pvt. Ltd., Syngenta Technology and Engineering and Syngenta Crop Protection Munchwilen AG. 151p. |
| 49712212 | Hipps, A. (2015) A20903A - Document MIII Section 1: Product Chemistry Volume. Project Number: PC/15/090. Unpublished study prepared by Syngenta Crop Protection, LLC. 33p. |
| 49713102 | Hipps, A. (2015) Pasteuria Nishizawae/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21324J - Physico-Chemical Studies of the Formulation, Product Chemistry Volume. Project Number: TK0201751, PC/15/070. Unpublished study prepared by Syngenta Crop Protection, LLC and Syngenta Technology and Engineering. 63p. |
| 49713115 | Hipps, A.; Phelps, L. (2015) Pasteuria Nishizawae/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21324J - Document MIII, Section 1, Product Chemistry Volume. Project Number: TK0201751, PC/15/069. Unpublished study prepared by Syngenta Crop Protection, LLC. 31p. |
| 49980502 | Hipps, A. (2016) Pasteuria nishizawae, Pn1/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21988B - Physico-Chemical Studies of the Formulation: Product Chemistry Volume. Project Number: TK0287649, PC/16/095, USGR160147. Unpublished study prepared by Syngenta Crop Protection, LLC and Syngenta Technology & Projects. 65p. |
| 49980509 | Hipps, A.; Phelps, L. (2016) Pasteuria nishizawae, Pn1/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21988B - Document MIII, Section 1: Product Chemistry Volume. Project Number: TK0287649, PC/16/092, PC/16/095. Unpublished study prepared by Syngenta Crop Protection, LLC. 31p. |
| 49984001 | O'Brien, L. (2016) Determination of Physical & Chemical Characteristics of F4189-1. Project Number: 2016PCP/THI2519, 00111, AP2016/006. Unpublished study prepared by Symbiotic Research, LLC. 226p. |
| 50424102 | Sparrow, K. (2017) A22353A - Physico-Chemical Studies of the Formulation: Product Chemistry Volume. Project Number: TK0236551, PC/17/063. Unpublished study prepared by Syngenta Crop Protection, LLC and Syngenta Technology & Engineering. 65p. |
| 50588202 | Hipps, A. (2018) A22388B - Physical-Chemical Property Studies of the Formulation. Project Number: PC/18/063. Unpublished study prepared by Syngenta Crop Protection, LLC. 62p. |
| 50588215 | Hipps, A. (2018) A22388B - Document MIII, Section 1 - Product Chemistry Volume. Project Number: PC/18/060. Unpublished study prepared by Syngenta Crop Protection, LLC. 26p. |
| 51030016 | Shultz, K. (2019) Sharda Thiamethoxam Technical: Product Chemistry - Group B: Request for Waiver and Citation of Data for Certain Physical / Chemical Properties Data. Unpublished study prepared by Sharda Cropchem Limited. 5p. |
| 51049110 | Shultz, K. (2020) Sharda Thiamethoxam 25% WDG Product Chemistry ¿ Group B: Request for Waiver for Certain Physical / Chemical Properties Data. Unpublished study prepared by Sharda USA LLC. 5p. |
| 51134213 | Shultz, K. (2020) Sharda Thiamethoxam 40% WDG: Product Chemistry - Group B: Request for Waiver for Certain Physical / Chemical Properties Data. Unpublished study prepared by Sharda USA LLC. 5p. |
| 51208502 | Prasad, S. (2020) Determination of Accelerated Storage Stability of Thiamethoxam 75% SG. Project Number: 20254. Unpublished study prepared by Palamur Biosciences Private Limited. 62p. |
| 51221104 | Hardie, R. (2020) Sharda Thiamethoxam 12.6% + Lambda 9.48% SC; ABN: Spiderman Product Chemistry - Group B: Request for Waiver for Certain Physical/Chemical Properties Data. Unpublished study prepared by Sharda USA, LLC. 5p. |
| 51229002 | Sparrow, K.; Hipps, A. (2021) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane/Isocycloseram A23273A - Physical and Chemical Properties Product Chemistry Volume. Project Number: PC/21/032. Unpublished study prepared by Syngenta Crop Protection, LLC. 67p. |
| 51229102 | Sparrow, K.; Hipps, A. (2021) A23250A ¿ Physical and Chemical Properties: Product Chemistry Volume. Project Number: PC/21/034. Unpublished study prepared by Syngenta Crop Protection, LLC and Syngenta Technology & Projects. 67p. |
| 51288402 | Hipps, A. (2021) Picarbutrazox/Fludioxonil/Thiamethoxam/Metalaxyl-M & SIsomer/Sedaxane A23240B: Physical and Chemical Properties PC Volume. Project Number: PC/20/057. Unpublished study prepared by Syngenta Crop Protection, LLC. 52p. |
| 51404501 | Seenuvasan, R. (2018) Determination of Chemical Incompatibility of Thiamethoxam Technical (Oxidation / Reduction): Final Report. Project Number: 3477/2018. Unpublished study prepared by Bioscience Research Foundation. 17p. |
| 51438801 | Pastor, K. (2021) Thiamethoxam Technical: Summary of OCSPP 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/02S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625701 | Pastor, K. (2021) ST Premix IPZ-4: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/12S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625703 | Aders, M. (2021) Physical and Chemical Characteristics of ST Premix IPZ-4: Final Report. Project Number: ARC/EX/2979/006/P/1, ARC/EX/2979. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 24p. |
| 51625801 | Pastor, K. (2021) Thiamethoxam 5L: Summary of OPPTS Series Product Properties Test Guidelines. Project Number: ALB21/13S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625803 | Aders, M. (2021) Physical and Chemical Characteristics of Thiamethoxam 5 ST: Final Report. Project Number: ARC/EX/3011/006/P/1, ARC/EX/3011. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 24p. |

### 830.6315       Flammability

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46016908 | Hipps, A. (2003) Physical and Chemical Properties of CGA173506/CGA329351 328 FS (A13641B). Project Number: HT03/016, PC/03/026, HT3/017. Unpublished study prepared by Syngenta Crop Protection, Inc. 38 p. |
| 46308302 | Schilling, W. (2004) Physical and Chemical Properties of Fludioxonil/Thiamethoxam/Mefenoxam/Azoxystrobin FS (A14115A). Project Number: PC/04/022, T008906/03, T008911/03. Unpublished study prepared by Syngenta Crop Protection, Inc. 44 p. |
| 46412802 | Schilling, W. (2004) Physical and Chemical Properties of Thiamethoxam FS (600) (A9765N). Project Number: PC/04/092, T015923/04/LI, T015923/04. Unpublished study prepared by Syngenta Crop Protection, Inc. 43 p. |
| 46709002 | Schilling, W. (2005) Physical and Chemical Properties of Fludioxonil/Thiamethoxam/Mefenoxam FS: (Final Report) (012.7/255.5/019.2) (A14379B); (CruiserMaxx). Project Number: 10064609, T003821/05, T003820/05. Unpublished study prepared by Syngenta Crop Protection. 55 p. |
| 46716302 | Brady, M. (2005) Physical and Chemical Properties of CruiserMaxx Potato Insecticide and Fungicide (A14382A): (Final Report). Project Number: PC/05/049, T004483/05, T004649/05. Unpublished study prepared by Syngenta Crop Protection, Inc. 65 p. |
| 46948103 | Phelps, L. (2006) Physical and Chemical Properties of A15236A. Project Number: PC/06/093, T001609/06, HT06/140. Unpublished study prepared by Syngenta Crop Protection, Inc. 60 p. |
| 46948702 | Phelps, L. (2006) Physical and Chemical Properties of A15277A: (Final Report). Project Number: PC/06/095. Unpublished study prepared by Syngenta Crop Protection, Inc. 60 p. |
| 47092502 | Schilling, W. (2006) Physical and Chemical Properties of Fludioxonil/Thiamenthoxam/Mefenoxam SE (012/240/8/035/9) (A14909E) [also referred to in this volume as CGA173506/CGA293343/CGA329351 SE (012/240/8/035/9)]. Project Number: PC/06/131, T003284/06, 10113451. Unpublished study prepared by Syngenta Crop Protection, Inc. 69 p. |
| 47111702 | Phelps, L. (2007) Physical and Chemical Properties of Thiamethoxam GR (0.33) (A12195E). Project Number: PC/07/022, 20832, CGA293343. Unpublished study prepared by Syngenta Crop Protection, Inc. 44 p. |
| 47111802 | Phelps, L. (2007) Physical and Chemical Properties of Thiamethoxam GR (0.22) (A11859G): (Thiamethoxam Lawn & Landscape 0.22G). Project Number: PC/07/024, 20829, P801. Unpublished study prepared by Syngenta Crop Protection. 44 p. |
| 47176502 | Sparrow, K. (2007) Physical and Chemical Properties of Thiamethoxam SG (75) (A9549C). Project Number: PC/07/018, 116863, 10123180/DOC. Unpublished study prepared by Syngenta Crop Protection. 68 p. |
| 47246702 | Schilling, W. (2007) Physical and Chemical Properties of Difenoconazole/Thiamethoxam/Mefenoxam FS (A15424B). Project Number: PC/07/054. Unpublished study prepared by Syngenta Crop Protection, Inc. 34 p. |
| 47420902 | Sparrow, K. (2007) Thiamethoxam/ Chlorantraniliprole SC (200/100) (A15452B): Physical and Chemical Properties of Thiamethoxam/ Chlorantraniliprole SC (200/100) (A15452B). Project Number: PC/07/033, 116713, 10120367/DOC. Unpublished study prepared by Syngenta Crop Protection. 55 p. |
| 47424102 | Sparrow, K. (2007) Thiamethoxam/ Chlorantraniliprole WG (20/20) (A15645A): Physical and Chemical Properties of Thiamethoxam/ Chlorantraniliprole WG (20/20) (A15645A): (Final Report). Project Number: PC/07/035, 117206, HT07/056. Unpublished study prepared by Syngenta Crop Protection, Inc. 50 p. |
| 47424302 | Schilling, W. (2007) Thiamethoxam/ Abamectin FS (A16115A): Physical and Chemical Properties of Thiamethoxam/ Abamectin FS (A16115A). Project Number: PC/07/107, T003985/07, HT07/292. Unpublished study prepared by Syngenta Crop Protection, Inc. 34 p. |
| 47579602 | Sparrow, K. (2008) Lambda Cyhalothrin/Thiamethoxam ME (A16424B)-Physical and Chemical Properties. Project Number: PC/08/037. Unpublished study prepared by Syngenta Crop Protection. 34 p. |
| 47579704 | Sparrow, K. (2008) Lambda Cyhalothrin/Thiamethoxam ME (A16423B) - Physical and Chemical Properties - PC Volume. Project Number: PC/08/035, T001535/08, 10364091/DOC. Unpublished study prepared by Syngenta Crop Protection, Inc. 34 p. |
| 47618402 | Sparrow, K. (2007) Physical and Chemical Properties of Thiamethoxam GR (.2) (A16245A): (Meridian 0.20G). Project Number: PC/07/092, T002962/07, 10327966/DOC. Unpublished study prepared by Syngenta Crop Protection, Inc. 35 p. |
| 47642001 | Sparrow, K. (2007) Physical and Chemical Properties of Thiamethoxam GR (.14) (A16244A). Project Number: T002958/07, 10327955/DOC, PC/07/090. Unpublished study prepared by Syngenta Crop Protection. 35 p. |
| 47702702 | Irrig, H. (2009) Abamectin/Thiamethoxam SC (A15543C) - Physical and Chemical Properties. Project Number: PC/08/070, 10344637/DOC, T000176/08. Unpublished study prepared by Syngenta Crop Protection, Inc. 34 p. |
| 47722902 | Irrig, H. (2009) Abamectin/Thiamethoxam FS (A17015A) - Physical and Chemical Properties. Project Number: PC/09/028. Unpublished study prepared by Syngenta Crop Protection, Inc. 35 p. |
| 47915211 | Angly, H. (2000) Test Report 2000.4014.FLS Flammability of Solids: (Thiametoxam 1% GB1). Project Number: SIDATGB1/03032000. Unpublished study prepared by Institute of Safety & Security. 7 p. |
| 47915415 | Angly, H. (1998) Test Report 98.4055.FLS Flammability of Solids. Unpublished study prepared by Institute of Safety & Security. 7 p. |
| 47919806 | Stulz, J. (2010) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane FS (036.9/030.7/009.5/008) (A17511B) - Physico-Chemical Studies of the Formulation. Project Number: A17511B/10035/OCR, PC/10/038, A17511B/10035. Unpublished study prepared by Syngenta Crop Protection, Inc. 40 p. |
| 47919815 | Stulz, J. (2010) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane FS: (036.9/030.7/009.5/008): (A17511B) - Document M-III, Section 1: Identity, Physical and Chemical Properties, Further Information and Proposed Classification. Project Number: A17511B/10013/OCR, PC/10/048, A17511B/10013. Unpublished study prepared by Syngenta Crop Protection, Inc. 36 p. |
| 47934702 | Sparrow, K. (2009) Difenoconazole/ Thiamethoxam/ Lambda Cyhalothrin ME RTU (A17570B): Physical and Chemical Properties. Project Number: PC/09/092, 28055. Unpublished study prepared by Syngenta Crop Protection, Inc. 24 p. |
| 47934903 | Sparrow, K. (2009) Difenoconazole/Thiamethoxam/Lambda Cyhalothrin ME Concentrate (A17571B) - Physical and Chemical Properties: PC Volume. Project Number: PC/09/094. Unpublished study prepared by Syngenta Crop Protection, Inc. 32 p. |
| 47962502 | Hipps, A. (2010) Thiamethoxam, Fludioxonil, Azoxystrobin, Mefenoxam: Cruiser Maxx Rice (A17469B): Physical and Chemical Properties. Project Number: PC/10/007, A17469B/50021, TK0016132. Unpublished study prepared by Syngenta Crop Protection, Inc. 34 p. |
| 47973302 | Sparrow, K. (2010) Thiamethoxam RB (.003) (A14116A): Physical and Chemical Properties. Project Number: PC/10/002/OCR, A14116A/50004. Unpublished study prepared by Syngenta Crop Protection, Inc. 25 p. |
| 48081702 | Hipps, A. (2010) Thiamethoxam/Fludioxonil/Mefenoxam/Azoxystrobin FS (A18046A): Physical and Chemical Properties. Project Number: PC/10/057/OCR, TK0025133. Unpublished study prepared by Syngenta Crop Protection, Inc. 33 p. |
| 48300803 | Hipps, A. (2010) Avicta Complete Corn 500 Premix (A18043A) - Physical and Chemical Properties. Project Number: PC/10/079, PC/10/079/OCR, TK0013667. Unpublished study prepared by Syngenta Crop Protection, Inc. and Syngenta Technology & Projects. 33 p. |
| 48342603 | Hipps, A. (2010) Avicta Complete Corn 250 Premix (A18112D) - Physical and Chemical Properties. Project Number: PC/10/101, TK0028455, 10433097/DOC. Unpublished study prepared by Syngenta Crop Protection, Inc., and Syngenta Technology & Projects. 33 p. |
| 48381502 | Sparrow, K. (2011) Azoxystrobin/Thiamethoxam GR (A18445A) - Physical and Chemical Properties. Project Number: PC/11/018. Unpublished study prepared by Syngenta Crop Protection, LLC. 36 p. |
| 48432502 | Born, R. (2011) Cyantraniliprole/ Thiamethoxam WG (A16901B)- Physico-Chemical Studies of the Formulation: PC Volume. Project Number: A16901B/10065, PC/11/057, 121400. Unpublished study prepared by Syngenta Crop Protection, LLC. 337 p. |
| 48491902 | Hipps, A. (2011) Cruiser Maxx + Thiabendazole (A18212C) - Physical and Chemical Properties. Project Number: PC/11/034/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 34 p. |
| 48506802 | Hipps, A. (2011) CruiserMaxx Potato Extreme (A18232A): Physical and Chemical Properties. Project Number: PC/11/043/OCR, A18232A/50018, TK0056213. Unpublished study prepared by Syngenta Crop Protection, LLC. 33 p. |
| 48540902 | Hipps, A. (2011) Thiamethoxam, Mefenoxam, Fludioxonil: THX/MXM/FDL Colorless (A18901A) - Physical and Chemical Properties. Project Number: PC/11/045, PC/11/045/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 34p. |
| 48579702 | Sparrow, K. (2011) Lambda-Cyhalothrin/Thiamethoxam SC (A18484A) - Physical and Chemical Properties. Project Number: TK0053837/OCR 10448118/DOC PC/11/016. Unpublished study prepared by Syngenta Crop Protection, LLC. 33p. |
| 48644002 | Hipps, A. (2011) Dynasty PD + Thiamethoxam (A17461A) - Physical and Chemical Properties. Project Number: PC/11/030, PC/11/030/OCR, TK0053458. Unpublished study prepared by Syngenta Crop Protection, LLC. 36p. |
| 48667601 | Sparrow, K. (2011) Abamectin/Thiamethoxam SC (A15913B) - Physical and Chemical Properties. Project Number: PC/11/055/OCR, 10375998/DOC, 10463525/DOC. Unpublished study prepared by Syngenta Crop Protection, LLC. 47p. |
| 48682402 | Hipps, A. (2012) Adage Deluxe (A19092D) - Physical and Chemical Properties. Project Number: PC/12/006/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 34p. |
| 48682502 | Hipps, A. (2012) Adage Premier (A19093D) - Physical and Chemical Properties. Project Number: PC/12/008/OCR, TK0103556, 10482243/DOC. Unpublished study prepared by Syngenta Crop Protection. 34p. |
| 48758402 | Hipps, A. (2012) SYT0113 (A19511A) - Physical and Chemical Properties. Project Number: PC/12/053, HT11/599/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC and Syngenta Huddersfield Manufacturing Center. 34p. |
| 48836002 | Hipps, A. (2012) Avicta Complete Beans 500 (A19409A) - Physical and Chemical Properties. Project Number: PC/12/027/OCR, TK0102734, 10488585/DOC. Unpublished study prepared by Syngenta Crop Protection. 34p. |
| 48836202 | Hipps, A. (2012) CruiserMaxx Supreme (A19094D) - Physical and Chemical Properties. Project Number: PC/12/010. Unpublished study prepared by Syngenta Crop Protection, LLC. 33p. |
| 48836402 | Sparrow, K. (2011) Lambda-Cyhalothrin/Thiamethoxam ZC (A18481A) - Physical and Chemical Properties. Project Number: PC/11/020/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 34p. |
| 49070401 | Hipps, A. (2013) Thiamethoxam/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxane FS: A19997A: Document M-III, Section 1: Identity, Physical and Chemical Properties, Further Information and Proposed Classification. Project Number: PC/13/015. Unpublished study prepared by Syngenta Crop Protection, LLC. 30p. |
| 49070403 | Hipps, A. (2013) Thiamethoxam/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxane FS (A19997A): Physical and Chemical Properties. Project Number: PC/13/017/OCR. Unpublished study prepared by Syngenta Huddersfield Manufacturing Center and Syngenta Crop Protection, LLC. 73p. |
| 49120202 | Hipps, A. (2013) Thiamethoxam/Difenoconazole/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxan: A20307A - Document MIII, Section 1: Product Chemistry. Project Number: TK0067821/OCR, PC/13/054. Unpublished study prepared by Syngenta Crop Protection, LLC. 37p. |
| 49120206 | Hipps, A. (2013) Thiamethoxam/Difenoconazole/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxan: A20307A - Physical-Chemical Studies of the Formulation. Project Number: TK0067821/OCR, PC/13/056. Unpublished study prepared by Syngenta Crop Protection, LLC. 68p. |
| 49282702 | Hipps, A. (2014) Abamectin/Thiamethoxam FS (A20703C) - Physical and Chemical Properties. Project Number: PC/14/013, TK0193416, TK0161960. Unpublished study prepared by Syngenta Crop Protection, LLC. 75p. |
| 49283007 | Hipps, A. (2014) Thiamethoxam/Fludioxonil/Difenoconazole/Sedaxane: A20588A - Physico-Chemical Studies of the Formulation: Product Chemistry Volume. Project Number: TK0193878, PC/14/007, TK0193488. Unpublished study prepared by Syngenta Crop Protection, LLC. 68p. |
| 49283014 | Hipps, A. (2014) Thiamethoxam/Fludioxonil/Difenoconazole/Sedaxane: A20588A - Document MIII, Section 1: Product Chemistry Volume. Project Number: TK0068469, PC/14/003. Unpublished study prepared by Syngenta Crop Protection, LLC. 32p. |
| 49326102 | Heuser, J. (2014) Lambda-cyhalothrin/Azoxystrobin/Propiconazole/Thiamethoxam ZE (A20007C) - Physical and Chemical Properties. Project Number: TK0215134, PC/13/088, TK0215126. Unpublished study prepared Syngenta Crop Protection, LLC. 73p. |
| 49383902 | Birchett (2014) Thiamethoxam/Mefenoxam/Fludioxonil/Thiabendazole/Sedaxane FS (A21073A) - Physical and Chemical Properties. Project Number: TK0224811, PC/14/034, USGR141158. Unpublished study prepared by Syngenta Crop Protection, LLC. 75p. |
| 49524307 | Hipps, A. (2015) Thiamethoxam/Metalaxyl-M and S-isomer (Mefenoxam)/Fludioxonil/Thiabendazole/Sedaxane: A21174B - Physico-Chemical Studies of the Formulation. Project Number: TK0149603, PC/15/003, USGR141468. Unpublished study prepared by Syngenta Crop Protection, LLC. 74p. |
| 49524315 | Hipps, A. (2015) Thiamethoxam/Metalaxyl-M and S-isomer (Mefenoxam)/Fludioxonil/Thiabendazole/Sedaxane: A21174B - Document MIII, Section 1. Project Number: TK0149603, PC/15/001, PC/15/003. Unpublished study prepared by Syngenta Crop Protection, LLC. 34p. |
| 49524402 | HiPPS, A. (2015) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane/Gibberellin A4/A7/Indolebutyric acid/Kinetin FS (A21185B) - Physical and Chemical Properties - Product Chemistry Volume. Project Number: TK0067181, PC/15/007, USGR141550. Unpublished study prepared by Syngenta Crop Protection, LLC. 45p. |
| 49712203 | Hipps, A. (2015) A20903A - Physico-Chemical Studies of Formulation. Project Number: PC/15/091. Unpublished study prepared by Syngenta Biosciences Pvt. Ltd., Syngenta Technology and Engineering and Syngenta Crop Protection Munchwilen AG. 151p. |
| 49712212 | Hipps, A. (2015) A20903A - Document MIII Section 1: Product Chemistry Volume. Project Number: PC/15/090. Unpublished study prepared by Syngenta Crop Protection, LLC. 33p. |
| 49713102 | Hipps, A. (2015) Pasteuria Nishizawae/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21324J - Physico-Chemical Studies of the Formulation, Product Chemistry Volume. Project Number: TK0201751, PC/15/070. Unpublished study prepared by Syngenta Crop Protection, LLC and Syngenta Technology and Engineering. 63p. |
| 49713115 | Hipps, A.; Phelps, L. (2015) Pasteuria Nishizawae/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21324J - Document MIII, Section 1, Product Chemistry Volume. Project Number: TK0201751, PC/15/069. Unpublished study prepared by Syngenta Crop Protection, LLC. 31p. |
| 49980502 | Hipps, A. (2016) Pasteuria nishizawae, Pn1/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21988B - Physico-Chemical Studies of the Formulation: Product Chemistry Volume. Project Number: TK0287649, PC/16/095, USGR160147. Unpublished study prepared by Syngenta Crop Protection, LLC and Syngenta Technology & Projects. 65p. |
| 49980509 | Hipps, A.; Phelps, L. (2016) Pasteuria nishizawae, Pn1/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21988B - Document MIII, Section 1: Product Chemistry Volume. Project Number: TK0287649, PC/16/092, PC/16/095. Unpublished study prepared by Syngenta Crop Protection, LLC. 31p. |
| 49984001 | O'Brien, L. (2016) Determination of Physical & Chemical Characteristics of F4189-1. Project Number: 2016PCP/THI2519, 00111, AP2016/006. Unpublished study prepared by Symbiotic Research, LLC. 226p. |
| 50424102 | Sparrow, K. (2017) A22353A - Physico-Chemical Studies of the Formulation: Product Chemistry Volume. Project Number: TK0236551, PC/17/063. Unpublished study prepared by Syngenta Crop Protection, LLC and Syngenta Technology & Engineering. 65p. |
| 50424115 | Sparrow, K. (2017) A22353A - Document MIII, Section 1: Product Chemistry Volume. Project Number: TK0236551, PC/17/061. Unpublished study prepared by Syngenta Crop Protection, LLC. 29p. |
| 50588202 | Hipps, A. (2018) A22388B - Physical-Chemical Property Studies of the Formulation. Project Number: PC/18/063. Unpublished study prepared by Syngenta Crop Protection, LLC. 62p. |
| 50588215 | Hipps, A. (2018) A22388B - Document MIII, Section 1 - Product Chemistry Volume. Project Number: PC/18/060. Unpublished study prepared by Syngenta Crop Protection, LLC. 26p. |
| 51030005 | Suratwala, T. (2007) Flammability of Thiamethoxam Technical. Project Number: 7092. Unpublished study prepared by Jai Research Foundation. 25p. |
| 51049109 | Vieira, F. (2012) Flash Point of Thiamethoxam 25% WDG. Project Number: RF/A00827/021/006/12. Unpublished study prepared by Bioagri Laboratorios Limited. 13p. |
| 51134203 | Joseph, S. (2020) Determination of Flammability of Thiamethoxam 40% WDG: Final Report. Project Number: 6943/2019. Unpublished study prepared by Bioscience Research Foundation. 17p. |
| 51208502 | Prasad, S. (2020) Determination of Accelerated Storage Stability of Thiamethoxam 75% SG. Project Number: 20254. Unpublished study prepared by Palamur Biosciences Private Limited. 62p. |
| 51221103 | Hardie, R. (2020) Determination of Accelerated Storage Stability of Thiamethoxam 12.6% + Lambdacyhalothrin 9.48% ZC. Project Number: 20252. Unpublished study prepared by Palamur Biosciences Private Limited. 55p. |
| 51229002 | Sparrow, K.; Hipps, A. (2021) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane/Isocycloseram A23273A - Physical and Chemical Properties Product Chemistry Volume. Project Number: PC/21/032. Unpublished study prepared by Syngenta Crop Protection, LLC. 67p. |
| 51229102 | Sparrow, K.; Hipps, A. (2021) A23250A ¿ Physical and Chemical Properties: Product Chemistry Volume. Project Number: PC/21/034. Unpublished study prepared by Syngenta Crop Protection, LLC and Syngenta Technology & Projects. 67p. |
| 51288402 | Hipps, A. (2021) Picarbutrazox/Fludioxonil/Thiamethoxam/Metalaxyl-M & SIsomer/Sedaxane A23240B: Physical and Chemical Properties PC Volume. Project Number: PC/20/057. Unpublished study prepared by Syngenta Crop Protection, LLC. 52p. |
| 51438801 | Pastor, K. (2021) Thiamethoxam Technical: Summary of OCSPP 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/02S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625701 | Pastor, K. (2021) ST Premix IPZ-4: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/12S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625801 | Pastor, K. (2021) Thiamethoxam 5L: Summary of OPPTS Series Product Properties Test Guidelines. Project Number: ALB21/13S. Unpublished study prepared by Albaugh, LLC. 7p. |

### 830.6316       Explodability

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46016908 | Hipps, A. (2003) Physical and Chemical Properties of CGA173506/CGA329351 328 FS (A13641B). Project Number: HT03/016, PC/03/026, HT3/017. Unpublished study prepared by Syngenta Crop Protection, Inc. 38 p. |
| 46308302 | Schilling, W. (2004) Physical and Chemical Properties of Fludioxonil/Thiamethoxam/Mefenoxam/Azoxystrobin FS (A14115A). Project Number: PC/04/022, T008906/03, T008911/03. Unpublished study prepared by Syngenta Crop Protection, Inc. 44 p. |
| 46412802 | Schilling, W. (2004) Physical and Chemical Properties of Thiamethoxam FS (600) (A9765N). Project Number: PC/04/092, T015923/04/LI, T015923/04. Unpublished study prepared by Syngenta Crop Protection, Inc. 43 p. |
| 46709002 | Schilling, W. (2005) Physical and Chemical Properties of Fludioxonil/Thiamethoxam/Mefenoxam FS: (Final Report) (012.7/255.5/019.2) (A14379B); (CruiserMaxx). Project Number: 10064609, T003821/05, T003820/05. Unpublished study prepared by Syngenta Crop Protection. 55 p. |
| 46948103 | Phelps, L. (2006) Physical and Chemical Properties of A15236A. Project Number: PC/06/093, T001609/06, HT06/140. Unpublished study prepared by Syngenta Crop Protection, Inc. 60 p. |
| 46948702 | Phelps, L. (2006) Physical and Chemical Properties of A15277A: (Final Report). Project Number: PC/06/095. Unpublished study prepared by Syngenta Crop Protection, Inc. 60 p. |
| 47092502 | Schilling, W. (2006) Physical and Chemical Properties of Fludioxonil/Thiamenthoxam/Mefenoxam SE (012/240/8/035/9) (A14909E) [also referred to in this volume as CGA173506/CGA293343/CGA329351 SE (012/240/8/035/9)]. Project Number: PC/06/131, T003284/06, 10113451. Unpublished study prepared by Syngenta Crop Protection, Inc. 69 p. |
| 47111702 | Phelps, L. (2007) Physical and Chemical Properties of Thiamethoxam GR (0.33) (A12195E). Project Number: PC/07/022, 20832, CGA293343. Unpublished study prepared by Syngenta Crop Protection, Inc. 44 p. |
| 47111802 | Phelps, L. (2007) Physical and Chemical Properties of Thiamethoxam GR (0.22) (A11859G): (Thiamethoxam Lawn & Landscape 0.22G). Project Number: PC/07/024, 20829, P801. Unpublished study prepared by Syngenta Crop Protection. 44 p. |
| 47176502 | Sparrow, K. (2007) Physical and Chemical Properties of Thiamethoxam SG (75) (A9549C). Project Number: PC/07/018, 116863, 10123180/DOC. Unpublished study prepared by Syngenta Crop Protection. 68 p. |
| 47246702 | Schilling, W. (2007) Physical and Chemical Properties of Difenoconazole/Thiamethoxam/Mefenoxam FS (A15424B). Project Number: PC/07/054. Unpublished study prepared by Syngenta Crop Protection, Inc. 34 p. |
| 47420902 | Sparrow, K. (2007) Thiamethoxam/ Chlorantraniliprole SC (200/100) (A15452B): Physical and Chemical Properties of Thiamethoxam/ Chlorantraniliprole SC (200/100) (A15452B). Project Number: PC/07/033, 116713, 10120367/DOC. Unpublished study prepared by Syngenta Crop Protection. 55 p. |
| 47424102 | Sparrow, K. (2007) Thiamethoxam/ Chlorantraniliprole WG (20/20) (A15645A): Physical and Chemical Properties of Thiamethoxam/ Chlorantraniliprole WG (20/20) (A15645A): (Final Report). Project Number: PC/07/035, 117206, HT07/056. Unpublished study prepared by Syngenta Crop Protection, Inc. 50 p. |
| 47424302 | Schilling, W. (2007) Thiamethoxam/ Abamectin FS (A16115A): Physical and Chemical Properties of Thiamethoxam/ Abamectin FS (A16115A). Project Number: PC/07/107, T003985/07, HT07/292. Unpublished study prepared by Syngenta Crop Protection, Inc. 34 p. |
| 47579602 | Sparrow, K. (2008) Lambda Cyhalothrin/Thiamethoxam ME (A16424B)-Physical and Chemical Properties. Project Number: PC/08/037. Unpublished study prepared by Syngenta Crop Protection. 34 p. |
| 47579704 | Sparrow, K. (2008) Lambda Cyhalothrin/Thiamethoxam ME (A16423B) - Physical and Chemical Properties - PC Volume. Project Number: PC/08/035, T001535/08, 10364091/DOC. Unpublished study prepared by Syngenta Crop Protection, Inc. 34 p. |
| 47618402 | Sparrow, K. (2007) Physical and Chemical Properties of Thiamethoxam GR (.2) (A16245A): (Meridian 0.20G). Project Number: PC/07/092, T002962/07, 10327966/DOC. Unpublished study prepared by Syngenta Crop Protection, Inc. 35 p. |
| 47642001 | Sparrow, K. (2007) Physical and Chemical Properties of Thiamethoxam GR (.14) (A16244A). Project Number: T002958/07, 10327955/DOC, PC/07/090. Unpublished study prepared by Syngenta Crop Protection. 35 p. |
| 47702702 | Irrig, H. (2009) Abamectin/Thiamethoxam SC (A15543C) - Physical and Chemical Properties. Project Number: PC/08/070, 10344637/DOC, T000176/08. Unpublished study prepared by Syngenta Crop Protection, Inc. 34 p. |
| 47722902 | Irrig, H. (2009) Abamectin/Thiamethoxam FS (A17015A) - Physical and Chemical Properties. Project Number: PC/09/028. Unpublished study prepared by Syngenta Crop Protection, Inc. 35 p. |
| 47914902 | Sparrow, K. (2009) Thiamethoxam Technical (CGA293343) - Physical and Chemical Properties. Project Number: PC/09/072. Unpublished study prepared by Syngenta Crop Protection, Inc. 8 p. |
| 47915212 | Angly, H. (2000) Test Report 2000.4014.EXP Explosive Properties: (Thiametoxam 1% GB1). Project Number: SIDATGB1/03032000. Unpublished study prepared by Institute of Safety & Security. 9 p. |
| 47919806 | Stulz, J. (2010) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane FS (036.9/030.7/009.5/008) (A17511B) - Physico-Chemical Studies of the Formulation. Project Number: A17511B/10035/OCR, PC/10/038, A17511B/10035. Unpublished study prepared by Syngenta Crop Protection, Inc. 40 p. |
| 47919815 | Stulz, J. (2010) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane FS: (036.9/030.7/009.5/008): (A17511B) - Document M-III, Section 1: Identity, Physical and Chemical Properties, Further Information and Proposed Classification. Project Number: A17511B/10013/OCR, PC/10/048, A17511B/10013. Unpublished study prepared by Syngenta Crop Protection, Inc. 36 p. |
| 47934903 | Sparrow, K. (2009) Difenoconazole/Thiamethoxam/Lambda Cyhalothrin ME Concentrate (A17571B) - Physical and Chemical Properties: PC Volume. Project Number: PC/09/094. Unpublished study prepared by Syngenta Crop Protection, Inc. 32 p. |
| 47962502 | Hipps, A. (2010) Thiamethoxam, Fludioxonil, Azoxystrobin, Mefenoxam: Cruiser Maxx Rice (A17469B): Physical and Chemical Properties. Project Number: PC/10/007, A17469B/50021, TK0016132. Unpublished study prepared by Syngenta Crop Protection, Inc. 34 p. |
| 47973302 | Sparrow, K. (2010) Thiamethoxam RB (.003) (A14116A): Physical and Chemical Properties. Project Number: PC/10/002/OCR, A14116A/50004. Unpublished study prepared by Syngenta Crop Protection, Inc. 25 p. |
| 48081702 | Hipps, A. (2010) Thiamethoxam/Fludioxonil/Mefenoxam/Azoxystrobin FS (A18046A): Physical and Chemical Properties. Project Number: PC/10/057/OCR, TK0025133. Unpublished study prepared by Syngenta Crop Protection, Inc. 33 p. |
| 48300803 | Hipps, A. (2010) Avicta Complete Corn 500 Premix (A18043A) - Physical and Chemical Properties. Project Number: PC/10/079, PC/10/079/OCR, TK0013667. Unpublished study prepared by Syngenta Crop Protection, Inc. and Syngenta Technology & Projects. 33 p. |
| 48342603 | Hipps, A. (2010) Avicta Complete Corn 250 Premix (A18112D) - Physical and Chemical Properties. Project Number: PC/10/101, TK0028455, 10433097/DOC. Unpublished study prepared by Syngenta Crop Protection, Inc., and Syngenta Technology & Projects. 33 p. |
| 48381502 | Sparrow, K. (2011) Azoxystrobin/Thiamethoxam GR (A18445A) - Physical and Chemical Properties. Project Number: PC/11/018. Unpublished study prepared by Syngenta Crop Protection, LLC. 36 p. |
| 48432502 | Born, R. (2011) Cyantraniliprole/ Thiamethoxam WG (A16901B)- Physico-Chemical Studies of the Formulation: PC Volume. Project Number: A16901B/10065, PC/11/057, 121400. Unpublished study prepared by Syngenta Crop Protection, LLC. 337 p. |
| 48491902 | Hipps, A. (2011) Cruiser Maxx + Thiabendazole (A18212C) - Physical and Chemical Properties. Project Number: PC/11/034/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 34 p. |
| 48540902 | Hipps, A. (2011) Thiamethoxam, Mefenoxam, Fludioxonil: THX/MXM/FDL Colorless (A18901A) - Physical and Chemical Properties. Project Number: PC/11/045, PC/11/045/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 34p. |
| 48579702 | Sparrow, K. (2011) Lambda-Cyhalothrin/Thiamethoxam SC (A18484A) - Physical and Chemical Properties. Project Number: TK0053837/OCR 10448118/DOC PC/11/016. Unpublished study prepared by Syngenta Crop Protection, LLC. 33p. |
| 48644002 | Hipps, A. (2011) Dynasty PD + Thiamethoxam (A17461A) - Physical and Chemical Properties. Project Number: PC/11/030, PC/11/030/OCR, TK0053458. Unpublished study prepared by Syngenta Crop Protection, LLC. 36p. |
| 48667601 | Sparrow, K. (2011) Abamectin/Thiamethoxam SC (A15913B) - Physical and Chemical Properties. Project Number: PC/11/055/OCR, 10375998/DOC, 10463525/DOC. Unpublished study prepared by Syngenta Crop Protection, LLC. 47p. |
| 48682402 | Hipps, A. (2012) Adage Deluxe (A19092D) - Physical and Chemical Properties. Project Number: PC/12/006/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 34p. |
| 48682502 | Hipps, A. (2012) Adage Premier (A19093D) - Physical and Chemical Properties. Project Number: PC/12/008/OCR, TK0103556, 10482243/DOC. Unpublished study prepared by Syngenta Crop Protection. 34p. |
| 48758402 | Hipps, A. (2012) SYT0113 (A19511A) - Physical and Chemical Properties. Project Number: PC/12/053, HT11/599/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC and Syngenta Huddersfield Manufacturing Center. 34p. |
| 48836002 | Hipps, A. (2012) Avicta Complete Beans 500 (A19409A) - Physical and Chemical Properties. Project Number: PC/12/027/OCR, TK0102734, 10488585/DOC. Unpublished study prepared by Syngenta Crop Protection. 34p. |
| 48836202 | Hipps, A. (2012) CruiserMaxx Supreme (A19094D) - Physical and Chemical Properties. Project Number: PC/12/010. Unpublished study prepared by Syngenta Crop Protection, LLC. 33p. |
| 49070401 | Hipps, A. (2013) Thiamethoxam/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxane FS: A19997A: Document M-III, Section 1: Identity, Physical and Chemical Properties, Further Information and Proposed Classification. Project Number: PC/13/015. Unpublished study prepared by Syngenta Crop Protection, LLC. 30p. |
| 49070403 | Hipps, A. (2013) Thiamethoxam/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxane FS (A19997A): Physical and Chemical Properties. Project Number: PC/13/017/OCR. Unpublished study prepared by Syngenta Huddersfield Manufacturing Center and Syngenta Crop Protection, LLC. 73p. |
| 49120202 | Hipps, A. (2013) Thiamethoxam/Difenoconazole/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxan: A20307A - Document MIII, Section 1: Product Chemistry. Project Number: TK0067821/OCR, PC/13/054. Unpublished study prepared by Syngenta Crop Protection, LLC. 37p. |
| 49120206 | Hipps, A. (2013) Thiamethoxam/Difenoconazole/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxan: A20307A - Physical-Chemical Studies of the Formulation. Project Number: TK0067821/OCR, PC/13/056. Unpublished study prepared by Syngenta Crop Protection, LLC. 68p. |
| 49282702 | Hipps, A. (2014) Abamectin/Thiamethoxam FS (A20703C) - Physical and Chemical Properties. Project Number: PC/14/013, TK0193416, TK0161960. Unpublished study prepared by Syngenta Crop Protection, LLC. 75p. |
| 49283007 | Hipps, A. (2014) Thiamethoxam/Fludioxonil/Difenoconazole/Sedaxane: A20588A - Physico-Chemical Studies of the Formulation: Product Chemistry Volume. Project Number: TK0193878, PC/14/007, TK0193488. Unpublished study prepared by Syngenta Crop Protection, LLC. 68p. |
| 49283014 | Hipps, A. (2014) Thiamethoxam/Fludioxonil/Difenoconazole/Sedaxane: A20588A - Document MIII, Section 1: Product Chemistry Volume. Project Number: TK0068469, PC/14/003. Unpublished study prepared by Syngenta Crop Protection, LLC. 32p. |
| 49326102 | Heuser, J. (2014) Lambda-cyhalothrin/Azoxystrobin/Propiconazole/Thiamethoxam ZE (A20007C) - Physical and Chemical Properties. Project Number: TK0215134, PC/13/088, TK0215126. Unpublished study prepared Syngenta Crop Protection, LLC. 73p. |
| 49383902 | Birchett (2014) Thiamethoxam/Mefenoxam/Fludioxonil/Thiabendazole/Sedaxane FS (A21073A) - Physical and Chemical Properties. Project Number: TK0224811, PC/14/034, USGR141158. Unpublished study prepared by Syngenta Crop Protection, LLC. 75p. |
| 49524307 | Hipps, A. (2015) Thiamethoxam/Metalaxyl-M and S-isomer (Mefenoxam)/Fludioxonil/Thiabendazole/Sedaxane: A21174B - Physico-Chemical Studies of the Formulation. Project Number: TK0149603, PC/15/003, USGR141468. Unpublished study prepared by Syngenta Crop Protection, LLC. 74p. |
| 49524315 | Hipps, A. (2015) Thiamethoxam/Metalaxyl-M and S-isomer (Mefenoxam)/Fludioxonil/Thiabendazole/Sedaxane: A21174B - Document MIII, Section 1. Project Number: TK0149603, PC/15/001, PC/15/003. Unpublished study prepared by Syngenta Crop Protection, LLC. 34p. |
| 49524402 | HiPPS, A. (2015) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane/Gibberellin A4/A7/Indolebutyric acid/Kinetin FS (A21185B) - Physical and Chemical Properties - Product Chemistry Volume. Project Number: TK0067181, PC/15/007, USGR141550. Unpublished study prepared by Syngenta Crop Protection, LLC. 45p. |
| 49712203 | Hipps, A. (2015) A20903A - Physico-Chemical Studies of Formulation. Project Number: PC/15/091. Unpublished study prepared by Syngenta Biosciences Pvt. Ltd., Syngenta Technology and Engineering and Syngenta Crop Protection Munchwilen AG. 151p. |
| 49712212 | Hipps, A. (2015) A20903A - Document MIII Section 1: Product Chemistry Volume. Project Number: PC/15/090. Unpublished study prepared by Syngenta Crop Protection, LLC. 33p. |
| 49713102 | Hipps, A. (2015) Pasteuria Nishizawae/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21324J - Physico-Chemical Studies of the Formulation, Product Chemistry Volume. Project Number: TK0201751, PC/15/070. Unpublished study prepared by Syngenta Crop Protection, LLC and Syngenta Technology and Engineering. 63p. |
| 49713115 | Hipps, A.; Phelps, L. (2015) Pasteuria Nishizawae/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21324J - Document MIII, Section 1, Product Chemistry Volume. Project Number: TK0201751, PC/15/069. Unpublished study prepared by Syngenta Crop Protection, LLC. 31p. |
| 49980502 | Hipps, A. (2016) Pasteuria nishizawae, Pn1/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21988B - Physico-Chemical Studies of the Formulation: Product Chemistry Volume. Project Number: TK0287649, PC/16/095, USGR160147. Unpublished study prepared by Syngenta Crop Protection, LLC and Syngenta Technology & Projects. 65p. |
| 49980509 | Hipps, A.; Phelps, L. (2016) Pasteuria nishizawae, Pn1/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21988B - Document MIII, Section 1: Product Chemistry Volume. Project Number: TK0287649, PC/16/092, PC/16/095. Unpublished study prepared by Syngenta Crop Protection, LLC. 31p. |
| 49984001 | O'Brien, L. (2016) Determination of Physical & Chemical Characteristics of F4189-1. Project Number: 2016PCP/THI2519, 00111, AP2016/006. Unpublished study prepared by Symbiotic Research, LLC. 226p. |
| 50424102 | Sparrow, K. (2017) A22353A - Physico-Chemical Studies of the Formulation: Product Chemistry Volume. Project Number: TK0236551, PC/17/063. Unpublished study prepared by Syngenta Crop Protection, LLC and Syngenta Technology & Engineering. 65p. |
| 50424115 | Sparrow, K. (2017) A22353A - Document MIII, Section 1: Product Chemistry Volume. Project Number: TK0236551, PC/17/061. Unpublished study prepared by Syngenta Crop Protection, LLC. 29p. |
| 50588202 | Hipps, A. (2018) A22388B - Physical-Chemical Property Studies of the Formulation. Project Number: PC/18/063. Unpublished study prepared by Syngenta Crop Protection, LLC. 62p. |
| 50588215 | Hipps, A. (2018) A22388B - Document MIII, Section 1 - Product Chemistry Volume. Project Number: PC/18/060. Unpublished study prepared by Syngenta Crop Protection, LLC. 26p. |
| 51030006 | Wasser, C. (2008) Determination of Physical and Chemical Properties of Thiamethoxam Technical: Explosive Properties: Final Report. Project Number: R/A7180/06, A7180. Upublished study prepared by Anadiag S.A., Defitraces. 24p. |
| 51049110 | Shultz, K. (2020) Sharda Thiamethoxam 25% WDG Product Chemistry ¿ Group B: Request for Waiver for Certain Physical / Chemical Properties Data. Unpublished study prepared by Sharda USA LLC. 5p. |
| 51134210 | Joseph, S. (2020) Determination of Explodability of Thiamethoxam 40%WDG: Final Report. Project Number: 6945/2019. Unpublished study prepared by Bioscience Research Foundation. 25p. |
| 51208504 | Shultz, K. (2020) Sharda Thiamethoxam 75% SG: Product Chemistry - Group B: Request for Waiver for Certain Physical/Chemical Properties Data. Unpublished study prepared by Sharda USA, LLC. 5p. |
| 51221104 | Hardie, R. (2020) Sharda Thiamethoxam 12.6% + Lambda 9.48% SC; ABN: Spiderman Product Chemistry - Group B: Request for Waiver for Certain Physical/Chemical Properties Data. Unpublished study prepared by Sharda USA, LLC. 5p. |
| 51229002 | Sparrow, K.; Hipps, A. (2021) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane/Isocycloseram A23273A - Physical and Chemical Properties Product Chemistry Volume. Project Number: PC/21/032. Unpublished study prepared by Syngenta Crop Protection, LLC. 67p. |
| 51229102 | Sparrow, K.; Hipps, A. (2021) A23250A ¿ Physical and Chemical Properties: Product Chemistry Volume. Project Number: PC/21/034. Unpublished study prepared by Syngenta Crop Protection, LLC and Syngenta Technology & Projects. 67p. |
| 51288402 | Hipps, A. (2021) Picarbutrazox/Fludioxonil/Thiamethoxam/Metalaxyl-M & SIsomer/Sedaxane A23240B: Physical and Chemical Properties PC Volume. Project Number: PC/20/057. Unpublished study prepared by Syngenta Crop Protection, LLC. 52p. |
| 51438801 | Pastor, K. (2021) Thiamethoxam Technical: Summary of OCSPP 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/02S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625701 | Pastor, K. (2021) ST Premix IPZ-4: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/12S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625801 | Pastor, K. (2021) Thiamethoxam 5L: Summary of OPPTS Series Product Properties Test Guidelines. Project Number: ALB21/13S. Unpublished study prepared by Albaugh, LLC. 7p. |

### 830.6317       Storage stability

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46016908 | Hipps, A. (2003) Physical and Chemical Properties of CGA173506/CGA329351 328 FS (A13641B). Project Number: HT03/016, PC/03/026, HT3/017. Unpublished study prepared by Syngenta Crop Protection, Inc. 38 p. |
| 46308302 | Schilling, W. (2004) Physical and Chemical Properties of Fludioxonil/Thiamethoxam/Mefenoxam/Azoxystrobin FS (A14115A). Project Number: PC/04/022, T008906/03, T008911/03. Unpublished study prepared by Syngenta Crop Protection, Inc. 44 p. |
| 46412802 | Schilling, W. (2004) Physical and Chemical Properties of Thiamethoxam FS (600) (A9765N). Project Number: PC/04/092, T015923/04/LI, T015923/04. Unpublished study prepared by Syngenta Crop Protection, Inc. 43 p. |
| 46575301 | Schilling, W. (2005) One Year Storage Stability at Ambiet Temperature and Corrosion Characteristics of Fludioxonil/Thiamethoxam/Mefenoxam/Azoxystrobin FS (A14115A)(Addendum to MRID No.: 4630802). Project Number: PC/05/040. Unpublished study prepared by Syngenta Crop Protection, Inc. 21 p. |
| 46709002 | Schilling, W. (2005) Physical and Chemical Properties of Fludioxonil/Thiamethoxam/Mefenoxam FS: (Final Report) (012.7/255.5/019.2) (A14379B); (CruiserMaxx). Project Number: 10064609, T003821/05, T003820/05. Unpublished study prepared by Syngenta Crop Protection. 55 p. |
| 46948103 | Phelps, L. (2006) Physical and Chemical Properties of A15236A. Project Number: PC/06/093, T001609/06, HT06/140. Unpublished study prepared by Syngenta Crop Protection, Inc. 60 p. |
| 46948702 | Phelps, L. (2006) Physical and Chemical Properties of A15277A: (Final Report). Project Number: PC/06/095. Unpublished study prepared by Syngenta Crop Protection, Inc. 60 p. |
| 46988801 | Schilling, W. (2006) Storage Stability at Ambient Temperature and Corrosion Characteristics of Fludioxonil Thiamethoxam Mefenoxam FS: Cruiser Maxx Insecticide with Fungicides. Project Number: PC/06/142, T003826/05. Unpublished study prepared by Syngenta Crop Protection. 30 p. |
| 47091501 | Schilling, W. (2006) Cruiser Insecticide: Storage Stability at Ambient Temperature and Corrosion Characteristics of Thiamethoxam FS (600) (A9765N). Project Number: PC/06/114, T015923/04, T015923/04/F. Unpublished study prepared by Syngenta Crop Protection Inc. 28 p. |
| 47092502 | Schilling, W. (2006) Physical and Chemical Properties of Fludioxonil/Thiamenthoxam/Mefenoxam SE (012/240/8/035/9) (A14909E) [also referred to in this volume as CGA173506/CGA293343/CGA329351 SE (012/240/8/035/9)]. Project Number: PC/06/131, T003284/06, 10113451. Unpublished study prepared by Syngenta Crop Protection, Inc. 69 p. |
| 47111802 | Phelps, L. (2007) Physical and Chemical Properties of Thiamethoxam GR (0.22) (A11859G): (Thiamethoxam Lawn & Landscape 0.22G). Project Number: PC/07/024, 20829, P801. Unpublished study prepared by Syngenta Crop Protection. 44 p. |
| 47123701 | Schilling, W. (2007) Storage Stability at Ambient Temperature and Corrosion Characteristics of CruiserMaxx Potato Insecticide and Fungicide (A14382A). Project Number: PC/07/049, T004648/05, T004647/05. Unpublished Study Prepared by Syngenta Crop Protection. 32 p. |
| 47176502 | Sparrow, K. (2007) Physical and Chemical Properties of Thiamethoxam SG (75) (A9549C). Project Number: PC/07/018, 116863, 10123180/DOC. Unpublished study prepared by Syngenta Crop Protection. 68 p. |
| 47231901 | Sparrow, K. (2007) Endigo: One Year Storage Stability at Ambient Temperature and Corrosion Characteristics of Thiamethoxam/Lambda-Cyhalothrin SC (A13623B). Project Number: PC/07/047. Unpublished study prepared by Syngenta Crop Protection, Inc. 23 p. |
| 47246702 | Schilling, W. (2007) Physical and Chemical Properties of Difenoconazole/Thiamethoxam/Mefenoxam FS (A15424B). Project Number: PC/07/054. Unpublished study prepared by Syngenta Crop Protection, Inc. 34 p. |
| 47329701 | Sparrow, K. (2008) Optigard Ant Gel Bait (Formerly Optigard Ant Gel 100) One Year Storage Stability at Ambient Temperature and Corrosion Characteristics of Thiamethoxam RB (0.01) (A15236A). Project Number: PC/07/062, T001612/06, 10099047/DOC. Unpublished study prepared by Syngenta Crop Protection, Inc. 21 p. |
| 47500401 | Schilling, W. (2008) One Year Storage Stability at Ambient Temperature and Corrosion Characteristics of THX/MXM/FDL CZ (A14909E). Project Number: PC/08/053. Unpublished study prepared by Syngenta Crop Protection, Inc. 31 p. |
| 47568301 | Schilling, W. (2008) CruiserMaxx Cereals: One Year Storage Stability at Ambient Temperature and Corrosion Characteristics of Difenoconazole/Thiamethoxam/Mefenoxam FS (A15424B): (Addendum to MRID 47246702): Final Report. Project Number: PC/08/071, 10292963/DOC, T001113/07. Unpublished study prepared by Syngenta Crop Protection, Inc. 16 p. |
| 47645401 | Irrig, H. (2009) Thiamethoxam: Cruiser 70 WS: Three Year Storage Stability at Ambient Temperature and Corrosion Characteristics of Thiamethoxam 70 WS (A9567B). Project Number: PC/09/002, 641/98, 2640397/DOC. Unpublished study prepared by Syngenta Crop Protection, Inc. 16 p. |
| 47702702 | Irrig, H. (2009) Abamectin/Thiamethoxam SC (A15543C) - Physical and Chemical Properties. Project Number: PC/08/070, 10344637/DOC, T000176/08. Unpublished study prepared by Syngenta Crop Protection, Inc. 34 p. |
| 47774401 | Sparrow, K. (2009) Flagship 0.22G: One Year Storage Stability at Ambient Temperature and Corrosion Characteristics of Thiamethoxam GR (.22) (A11859G). Project Number: PC/09/046, 20828. Unpublished study prepared by Syngenta Crop Protection, Inc. 31 p. |
| 47914902 | Sparrow, K. (2009) Thiamethoxam Technical (CGA293343) - Physical and Chemical Properties. Project Number: PC/09/072. Unpublished study prepared by Syngenta Crop Protection, Inc. 8 p. |
| 47915213 | Blom, N. (2003) Shelf Life and Storage Recommendation AGITA 1GB, A-12339 A. Project Number: HPE/057, HPE/058, HPE//059. Unpublished study prepared by Novartis Animal Health US, Inc. 28 p. |
| 47915416 | Blom, N. (2007) Shelf Life and Storage Recommendations Agita 10 WG A-11234 A. Project Number: HPE/051, HPE/052, HPE/062. Unpublished study prepared by Novartis Animal Health US, Inc. 36 p. |
| 47919815 | Stulz, J. (2010) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane FS: (036.9/030.7/009.5/008): (A17511B) - Document M-III, Section 1: Identity, Physical and Chemical Properties, Further Information and Proposed Classification. Project Number: A17511B/10013/OCR, PC/10/048, A17511B/10013. Unpublished study prepared by Syngenta Crop Protection, Inc. 36 p. |
| 47926201 | Sparrow, K. (2009) Flagship GR: One Year Storage Stability at Ambient Temperature and Corrosion Characteristics of Thiamethoxam GR (A11859A). Project Number: PC/09/081, ASR/837, 915/99. Unpublished study prepared by Syngenta Crop Protection. 15 p. |
| 47931301 | Sparrow, K. (2009) One Year Storage Stability at Ambient Temperature and Corrosion Characteristics of Lambda Cyhalothrin/Thiamethoxam ME. Project Number: PC/09/090, 10364105, T001536/08. Unpublished study prepared by Syngenta Crop Protection. 31 p. |
| 47932801 | Sparrow, K. (2009) One Year Storage Stability at Ambient Temperature and Corrosion Characteristics of Thiamethoxam GR (.2) (A16245A). Project Number: PC/09/088, T002967/07, 10327976/DOC. Unpublished study prepared by Syngenta Crop Protection. 18 p. |
| 47932901 | Sparrow, K. (2009) One Year Storage Stability at Ambient Temperature and Corrosion Characteristics of Thiamethoxam GR (.14) (A16244A). Project Number: PC/09/087, T002966/07, 10327977/DOC. Unpublished study prepared by Syngenta Crop Protection. 18 p. |
| 47954601 | Sparrow, K. (2010) One Year Storage Stability at Ambient Temperature and Corrosion Characteristics of Lambda Cyhalothrin/Thiamethoxam ME (A16424B). Project Number: PC/10/2009, T001542/08, T001540/08. Unpublished study prepared by Syngenta Crop Protection. 27 p. |
| 47968501 | Sparrow, K. (2008) Optigard Ant Gel 30: One Year Storage Stability at Ambient Temperature and Corrosion Characteristics of Thiamethoxam RB . Project Number: PC/08/007, T001625/06, 10098862/DOC. Unpublished study prepared by Syngenta Crop Protection, Inc. 21 p. |
| 47972402 | Sparrow, K. (2010) VOLIAM Flexi: One Year Storage Stability at Ambient Temperature and Corrosion Characteristics of Thiamethoxam/Chlorantraniliprole WG (A15645A): (Addendum to MRID.: 47424102). Project Number: PC/10/011, 117276, 117275. Unpublished study prepared by Syngenta Crop Protection. 58 p. |
| 47972403 | Sparrow, K. (2010) Durivo: One Year Storage Stability at Ambient Temperature and Corrosion Characteristics of Thiamethoxam/Chlorantraniliprole SC (A15452B): (Addendum to MRID No.: 47420902). Project Number: PC/10/010, 116823, 116822. Unpublished study prepared by Syngenta Crop Protection. 57 p. |
| 47977501 | Sparrow, K. (2010) Durivo: One Year Storage Stability at Ambient Temperature and Corrosion Characteristics of Thiamethoxam/Chlorantraniliprole SC (A15452B). Project Number: PC/10/010, 116823, 116822. Unpublished study prepared by Syngenta Crop Protection. 57 p. |
| 48305301 | Sparrow, K. (2010) One Year Storage Stability at Ambient Temperature and Corrosion Characteristics of Thiamethoxam 75SG (A9549C) (Addendum to MRID No.: 47176502). Project Number: PC/10/097. Unpublished study prepared by Syngenta Crop Protection. 60 p. |
| 48432502 | Born, R. (2011) Cyantraniliprole/ Thiamethoxam WG (A16901B)- Physico-Chemical Studies of the Formulation: PC Volume. Project Number: A16901B/10065, PC/11/057, 121400. Unpublished study prepared by Syngenta Crop Protection, LLC. 337 p. |
| 48468002 | Sparrow, K. (2011) Difenoconazole/Thiamethoxam/Lambda Cyhalothrin ME RTU (A17570B) - One Year Storage Stability at Ambient Temperature and Corrosion Characteristics. Project Number: PC/11/049. Unpublished study prepared by Syngenta Crop Protection. 36 p. |
| 48468202 | Sparrow, K. (2011) Difenoconazole/Thiamethoxam/Lambda Cyhalothrin ME Concentrate (A17571B) - One Year Storage Stability at Ambient Temperature and Corrosion Characteristics. Project Number: PC/11/051, 28052. Unpublished study prepared by Syngenta Crop Protection, LLC. 36 p. |
| 48563901 | Hipps, A. (2011) CruiserMaxx Rice: One Year Storage Stability at Ambient Temperature and Corrosion Characteristics. Project Number: PC/11/062, TK0016134, TK0016133. Unpublished study prepared by Syngenta Crop Protection, LLC. 42p. |
| 48568101 | Hipps, A. (2011) Four-Way VAP (A18046A) - One Year Storage Stability at Ambient Temperature and Corrosion Characteristics: (Addendum to MRID No.: 48081702). Project Number: PC/11/064, TK0025135. Unpublished study prepared by Syngenta Crop Protection, LLC. 17p. |
| 48644002 | Hipps, A. (2011) Dynasty PD + Thiamethoxam (A17461A) - Physical and Chemical Properties. Project Number: PC/11/030, PC/11/030/OCR, TK0053458. Unpublished study prepared by Syngenta Crop Protection, LLC. 36p. |
| 48647601 | Irrig, H. (2009) One Year Storage Stability at Ambient Temperature and Corrosion Characteristics of Abamectin/Thiamethoxam FS (A16115A). Project Number: PC/09/041, 10329334/DOC, T003987/07. Unpublished study prepared by Syngenta Crop Protection, Inc. 16p. |
| 48735202 | Sparrow, K. (2011) Thiamethoxam RB (A14116A) - One Year Storage Stability at Ambient Temperature and Corrosion Characteristics (Addendum to MRID No.: 47973302): Optigard Liquid Ant Bait. Project Number: PC/11/107. Unpublished study prepared by Syngenta Crop Protection. 32p. |
| 48836801 | Sparrow, K. (2012) Cyantraniliprole/Thiamethoxam WG (A16901B) - One Year Storage Stability at Ambient Temperature and Corrosion Characteristics (Addendum to MRID No. 48432502). Project Number: PC/12/072/OCR. Unpublished study prepared by Syngenta Crop Protection. 61p. |
| 48904801 | Hipps, A. (2012) CruiserMaxx Potato Extreme (A18232A) - One Year Storage Stability at Ambient Temperature and Corrosion Characteristics. Project Number: PC/12/062. Unpublished study prepared by Syngenta Crop Protection, LLC. 17p. |
| 48921101 | Hipps, A. (2012) Avicta Complete Corn 250 Premix (A18112D) - One Year Storage Stability at Ambient Temperature and Corrosion Characteristics. Project Number: PC/12/061. Unpublished study prepared by Syngenta Crop Protections, LLC. 17p. |
| 48921201 | Hipps, A. (2012) CruiserMaxx Peanuts (A17461A) - One Year Storage Stability at Ambient Temperature and Corrosion Characteristics. Project Number: PC/12/064. Unpublished study prepared by Syngenta Crop Protection, LLC. 17p. |
| 48943201 | Hipps, A. (2012) CruiserMaxx EZ (A18901A) - One Year Storage Stability at Ambient Temperature and Corrosion Characteristics. Project Number: PC/12/069 10466400/DOC TK0055950. Unpublished study prepared by Syngenta Crop Protection, LLC. 29p. |
| 48943301 | Hipps, A. (2012) One Year Storage Stability at Ambient Temperature and Corrosion Characteristics: Thiamethoxam/Fludioxonil/Mefenoxam/Thiabendazole. Project Number: PC/12/065, TK0055615. Unpublished study prepared by Syngenta Crop Protection, LLC. 17p. |
| 49070401 | Hipps, A. (2013) Thiamethoxam/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxane FS: A19997A: Document M-III, Section 1: Identity, Physical and Chemical Properties, Further Information and Proposed Classification. Project Number: PC/13/015. Unpublished study prepared by Syngenta Crop Protection, LLC. 30p. |
| 49070403 | Hipps, A. (2013) Thiamethoxam/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxane FS (A19997A): Physical and Chemical Properties. Project Number: PC/13/017/OCR. Unpublished study prepared by Syngenta Huddersfield Manufacturing Center and Syngenta Crop Protection, LLC. 73p. |
| 49120202 | Hipps, A. (2013) Thiamethoxam/Difenoconazole/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxan: A20307A - Document MIII, Section 1: Product Chemistry. Project Number: TK0067821/OCR, PC/13/054. Unpublished study prepared by Syngenta Crop Protection, LLC. 37p. |
| 49120206 | Hipps, A. (2013) Thiamethoxam/Difenoconazole/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxan: A20307A - Physical-Chemical Studies of the Formulation. Project Number: TK0067821/OCR, PC/13/056. Unpublished study prepared by Syngenta Crop Protection, LLC. 68p. |
| 49165802 | Sparrow, K. (2013) Abamectin/Thiamethoxam SC (A15913B) - One Year Storage Stability at Ambient Temperature and Corrosion Characteristics: Abamectin/Thiamethoxam: Solvigo Miticide/ Insecticide: PC Volume. Project Number: PC/13/043 TK0180662, TK0056123. Unpublished study prepared by Syngenta Crop Protection, LLC. 18p. |
| 49179301 | Ligon, W. (2013) Thiamethoxam/Fludioxonil/Mefenoxam/Azoxystrobin/Thiabendazole FS (A19093D) - One Year Storage Stability at Ambient Temperature and Corrosion Characteristics: (Addendum to MRID - 48682502). Project Number: TK0103561, PC/13/066/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 30p. |
| 49179401 | Ligon, W. (2013) Thiamethoxam/Fludioxonil/Mefenoxam/Azoxystrobin FS (A19092D) - One Year Storage Stability at Ambient Temperature and Corrosion Characteristics: (Addendum to MRID - 48682402). Project Number: TK0103555/OCR, PC/13/065. Unpublished study prepared by Syngenta Crop Protection, LLC. 30p. |
| 49282702 | Hipps, A. (2014) Abamectin/Thiamethoxam FS (A20703C) - Physical and Chemical Properties. Project Number: PC/14/013, TK0193416, TK0161960. Unpublished study prepared by Syngenta Crop Protection, LLC. 75p. |
| 49283007 | Hipps, A. (2014) Thiamethoxam/Fludioxonil/Difenoconazole/Sedaxane: A20588A - Physico-Chemical Studies of the Formulation: Product Chemistry Volume. Project Number: TK0193878, PC/14/007, TK0193488. Unpublished study prepared by Syngenta Crop Protection, LLC. 68p. |
| 49283014 | Hipps, A. (2014) Thiamethoxam/Fludioxonil/Difenoconazole/Sedaxane: A20588A - Document MIII, Section 1: Product Chemistry Volume. Project Number: TK0068469, PC/14/003. Unpublished study prepared by Syngenta Crop Protection, LLC. 32p. |
| 49326102 | Heuser, J. (2014) Lambda-cyhalothrin/Azoxystrobin/Propiconazole/Thiamethoxam ZE (A20007C) - Physical and Chemical Properties. Project Number: TK0215134, PC/13/088, TK0215126. Unpublished study prepared Syngenta Crop Protection, LLC. 73p. |
| 49383902 | Birchett (2014) Thiamethoxam/Mefenoxam/Fludioxonil/Thiabendazole/Sedaxane FS (A21073A) - Physical and Chemical Properties. Project Number: TK0224811, PC/14/034, USGR141158. Unpublished study prepared by Syngenta Crop Protection, LLC. 75p. |
| 49470301 | Ligon, W. (2014) Thiamethoxam/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxane FS (A19997A) - One Year Storage Stability at Ambient Temperature and Corrosion Characteristics. Project Number: TK0180660, PC/14/069, TK0067606. Unpublished study prepared by Syngenta Crop Proteciton, LLC. 30p. |
| 49523501 | Ligon, W. (2014) Thiamethoxam/Difenoconazole/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxane FS (A20477A) - One Year Storage Stability at Ambient Temperature and Corrosion Characteristics (Addendum to MRID - 49120105). Project Number: PC/14/078. Unpublished study prepared by Syngenta Crop Protection, LLC. 30p. |
| 49524307 | Hipps, A. (2015) Thiamethoxam/Metalaxyl-M and S-isomer (Mefenoxam)/Fludioxonil/Thiabendazole/Sedaxane: A21174B - Physico-Chemical Studies of the Formulation. Project Number: TK0149603, PC/15/003, USGR141468. Unpublished study prepared by Syngenta Crop Protection, LLC. 74p. |
| 49524315 | Hipps, A. (2015) Thiamethoxam/Metalaxyl-M and S-isomer (Mefenoxam)/Fludioxonil/Thiabendazole/Sedaxane: A21174B - Document MIII, Section 1. Project Number: TK0149603, PC/15/001, PC/15/003. Unpublished study prepared by Syngenta Crop Protection, LLC. 34p. |
| 49524402 | HiPPS, A. (2015) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane/Gibberellin A4/A7/Indolebutyric acid/Kinetin FS (A21185B) - Physical and Chemical Properties - Product Chemistry Volume. Project Number: TK0067181, PC/15/007, USGR141550. Unpublished study prepared by Syngenta Crop Protection, LLC. 45p. |
| 49712203 | Hipps, A. (2015) A20903A - Physico-Chemical Studies of Formulation. Project Number: PC/15/091. Unpublished study prepared by Syngenta Biosciences Pvt. Ltd., Syngenta Technology and Engineering and Syngenta Crop Protection Munchwilen AG. 151p. |
| 49712212 | Hipps, A. (2015) A20903A - Document MIII Section 1: Product Chemistry Volume. Project Number: PC/15/090. Unpublished study prepared by Syngenta Crop Protection, LLC. 33p. |
| 49713102 | Hipps, A. (2015) Pasteuria Nishizawae/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21324J - Physico-Chemical Studies of the Formulation, Product Chemistry Volume. Project Number: TK0201751, PC/15/070. Unpublished study prepared by Syngenta Crop Protection, LLC and Syngenta Technology and Engineering. 63p. |
| 49713115 | Hipps, A.; Phelps, L. (2015) Pasteuria Nishizawae/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21324J - Document MIII, Section 1, Product Chemistry Volume. Project Number: TK0201751, PC/15/069. Unpublished study prepared by Syngenta Crop Protection, LLC. 31p. |
| 49980502 | Hipps, A. (2016) Pasteuria nishizawae, Pn1/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21988B - Physico-Chemical Studies of the Formulation: Product Chemistry Volume. Project Number: TK0287649, PC/16/095, USGR160147. Unpublished study prepared by Syngenta Crop Protection, LLC and Syngenta Technology & Projects. 65p. |
| 49980509 | Hipps, A.; Phelps, L. (2016) Pasteuria nishizawae, Pn1/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21988B - Document MIII, Section 1: Product Chemistry Volume. Project Number: TK0287649, PC/16/092, PC/16/095. Unpublished study prepared by Syngenta Crop Protection, LLC. 31p. |
| 49984001 | O'Brien, L. (2016) Determination of Physical & Chemical Characteristics of F4189-1. Project Number: 2016PCP/THI2519, 00111, AP2016/006. Unpublished study prepared by Symbiotic Research, LLC. 226p. |
| 50424102 | Sparrow, K. (2017) A22353A - Physico-Chemical Studies of the Formulation: Product Chemistry Volume. Project Number: TK0236551, PC/17/063. Unpublished study prepared by Syngenta Crop Protection, LLC and Syngenta Technology & Engineering. 65p. |
| 50424115 | Sparrow, K. (2017) A22353A - Document MIII, Section 1: Product Chemistry Volume. Project Number: TK0236551, PC/17/061. Unpublished study prepared by Syngenta Crop Protection, LLC. 29p. |
| 50588202 | Hipps, A. (2018) A22388B - Physical-Chemical Property Studies of the Formulation. Project Number: PC/18/063. Unpublished study prepared by Syngenta Crop Protection, LLC. 62p. |
| 50588215 | Hipps, A. (2018) A22388B - Document MIII, Section 1 - Product Chemistry Volume. Project Number: PC/18/060. Unpublished study prepared by Syngenta Crop Protection, LLC. 26p. |
| 50919601 | Zhang, J. (2016) Storage Stability and Container Corrosion Evaluation of F4189-1. Project Number: 2015SST/THI2331. Unpublished study prepared by FMC Corporation. 38p. |
| 51049104 | Patel, A. (2008) Accerated Storage Stability of Thiamethoxam 25% WDG. Project Number: 7280. Unpublished study prepared by Jai Research Foundation. 71p. |
| 51134202 | Joseph, S. (2020) Accelerated Storage Stability of Thiamethoxam 40% WDG: Final Report. Project Number: 6950/2019. Unpublished study prepared by Bioscience Research Foundation. 173p. |
| 51208502 | Prasad, S. (2020) Determination of Accelerated Storage Stability of Thiamethoxam 75% SG. Project Number: 20254. Unpublished study prepared by Palamur Biosciences Private Limited. 62p. |
| 51221103 | Hardie, R. (2020) Determination of Accelerated Storage Stability of Thiamethoxam 12.6% + Lambdacyhalothrin 9.48% ZC. Project Number: 20252. Unpublished study prepared by Palamur Biosciences Private Limited. 55p. |
| 51229002 | Sparrow, K.; Hipps, A. (2021) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane/Isocycloseram A23273A - Physical and Chemical Properties Product Chemistry Volume. Project Number: PC/21/032. Unpublished study prepared by Syngenta Crop Protection, LLC. 67p. |
| 51229102 | Sparrow, K.; Hipps, A. (2021) A23250A ¿ Physical and Chemical Properties: Product Chemistry Volume. Project Number: PC/21/034. Unpublished study prepared by Syngenta Crop Protection, LLC and Syngenta Technology & Projects. 67p. |
| 51288402 | Hipps, A. (2021) Picarbutrazox/Fludioxonil/Thiamethoxam/Metalaxyl-M & SIsomer/Sedaxane A23240B: Physical and Chemical Properties PC Volume. Project Number: PC/20/057. Unpublished study prepared by Syngenta Crop Protection, LLC. 52p. |
| 51404502 | Seenuvasan, R. (2018) Container Content Compatibility of Thiamethoxam Technical: Final Report. Project Number: 3481/2018. Unpublished study prepared by Bioscience Research Foundation. 134p. |
| 51438801 | Pastor, K. (2021) Thiamethoxam Technical: Summary of OCSPP 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/02S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51438805 | Wo, C. (2021) Thiamethoxam Technical: Accelerated Storage Stability and Corrosion Characteristics. Project Number: 54250, P802. Unpublished study prepared by Product Safety Laboratories. 23p. |
| 51625701 | Pastor, K. (2021) ST Premix IPZ-4: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/12S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625704 | Theus, S. (2021) Storage Stability and Corrosion Characteristics of ST Premix IPZ-4: Final Report. Project Number: ARC/EX/2981/012/P/1, ARC/EX/2981. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 52p. |
| 51625801 | Pastor, K. (2021) Thiamethoxam 5L: Summary of OPPTS Series Product Properties Test Guidelines. Project Number: ALB21/13S. Unpublished study prepared by Albaugh, LLC. 7p. |

### 830.6319       Miscibility

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46016908 | Hipps, A. (2003) Physical and Chemical Properties of CGA173506/CGA329351 328 FS (A13641B). Project Number: HT03/016, PC/03/026, HT3/017. Unpublished study prepared by Syngenta Crop Protection, Inc. 38 p. |
| 46412802 | Schilling, W. (2004) Physical and Chemical Properties of Thiamethoxam FS (600) (A9765N). Project Number: PC/04/092, T015923/04/LI, T015923/04. Unpublished study prepared by Syngenta Crop Protection, Inc. 43 p. |
| 46709002 | Schilling, W. (2005) Physical and Chemical Properties of Fludioxonil/Thiamethoxam/Mefenoxam FS: (Final Report) (012.7/255.5/019.2) (A14379B); (CruiserMaxx). Project Number: 10064609, T003821/05, T003820/05. Unpublished study prepared by Syngenta Crop Protection. 55 p. |
| 47111802 | Phelps, L. (2007) Physical and Chemical Properties of Thiamethoxam GR (0.22) (A11859G): (Thiamethoxam Lawn & Landscape 0.22G). Project Number: PC/07/024, 20829, P801. Unpublished study prepared by Syngenta Crop Protection. 44 p. |
| 47246702 | Schilling, W. (2007) Physical and Chemical Properties of Difenoconazole/Thiamethoxam/Mefenoxam FS (A15424B). Project Number: PC/07/054. Unpublished study prepared by Syngenta Crop Protection, Inc. 34 p. |
| 47579602 | Sparrow, K. (2008) Lambda Cyhalothrin/Thiamethoxam ME (A16424B)-Physical and Chemical Properties. Project Number: PC/08/037. Unpublished study prepared by Syngenta Crop Protection. 34 p. |
| 47579704 | Sparrow, K. (2008) Lambda Cyhalothrin/Thiamethoxam ME (A16423B) - Physical and Chemical Properties - PC Volume. Project Number: PC/08/035, T001535/08, 10364091/DOC. Unpublished study prepared by Syngenta Crop Protection, Inc. 34 p. |
| 47618402 | Sparrow, K. (2007) Physical and Chemical Properties of Thiamethoxam GR (.2) (A16245A): (Meridian 0.20G). Project Number: PC/07/092, T002962/07, 10327966/DOC. Unpublished study prepared by Syngenta Crop Protection, Inc. 35 p. |
| 47919815 | Stulz, J. (2010) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane FS: (036.9/030.7/009.5/008): (A17511B) - Document M-III, Section 1: Identity, Physical and Chemical Properties, Further Information and Proposed Classification. Project Number: A17511B/10013/OCR, PC/10/048, A17511B/10013. Unpublished study prepared by Syngenta Crop Protection, Inc. 36 p. |
| 47962502 | Hipps, A. (2010) Thiamethoxam, Fludioxonil, Azoxystrobin, Mefenoxam: Cruiser Maxx Rice (A17469B): Physical and Chemical Properties. Project Number: PC/10/007, A17469B/50021, TK0016132. Unpublished study prepared by Syngenta Crop Protection, Inc. 34 p. |
| 47973302 | Sparrow, K. (2010) Thiamethoxam RB (.003) (A14116A): Physical and Chemical Properties. Project Number: PC/10/002/OCR, A14116A/50004. Unpublished study prepared by Syngenta Crop Protection, Inc. 25 p. |
| 48432502 | Born, R. (2011) Cyantraniliprole/ Thiamethoxam WG (A16901B)- Physico-Chemical Studies of the Formulation: PC Volume. Project Number: A16901B/10065, PC/11/057, 121400. Unpublished study prepared by Syngenta Crop Protection, LLC. 337 p. |
| 48491902 | Hipps, A. (2011) Cruiser Maxx + Thiabendazole (A18212C) - Physical and Chemical Properties. Project Number: PC/11/034/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 34 p. |
| 48579702 | Sparrow, K. (2011) Lambda-Cyhalothrin/Thiamethoxam SC (A18484A) - Physical and Chemical Properties. Project Number: TK0053837/OCR 10448118/DOC PC/11/016. Unpublished study prepared by Syngenta Crop Protection, LLC. 33p. |
| 48758402 | Hipps, A. (2012) SYT0113 (A19511A) - Physical and Chemical Properties. Project Number: PC/12/053, HT11/599/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC and Syngenta Huddersfield Manufacturing Center. 34p. |
| 48836202 | Hipps, A. (2012) CruiserMaxx Supreme (A19094D) - Physical and Chemical Properties. Project Number: PC/12/010. Unpublished study prepared by Syngenta Crop Protection, LLC. 33p. |
| 49070401 | Hipps, A. (2013) Thiamethoxam/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxane FS: A19997A: Document M-III, Section 1: Identity, Physical and Chemical Properties, Further Information and Proposed Classification. Project Number: PC/13/015. Unpublished study prepared by Syngenta Crop Protection, LLC. 30p. |
| 49070403 | Hipps, A. (2013) Thiamethoxam/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxane FS (A19997A): Physical and Chemical Properties. Project Number: PC/13/017/OCR. Unpublished study prepared by Syngenta Huddersfield Manufacturing Center and Syngenta Crop Protection, LLC. 73p. |
| 49120202 | Hipps, A. (2013) Thiamethoxam/Difenoconazole/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxan: A20307A - Document MIII, Section 1: Product Chemistry. Project Number: TK0067821/OCR, PC/13/054. Unpublished study prepared by Syngenta Crop Protection, LLC. 37p. |
| 49120206 | Hipps, A. (2013) Thiamethoxam/Difenoconazole/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxan: A20307A - Physical-Chemical Studies of the Formulation. Project Number: TK0067821/OCR, PC/13/056. Unpublished study prepared by Syngenta Crop Protection, LLC. 68p. |
| 49282702 | Hipps, A. (2014) Abamectin/Thiamethoxam FS (A20703C) - Physical and Chemical Properties. Project Number: PC/14/013, TK0193416, TK0161960. Unpublished study prepared by Syngenta Crop Protection, LLC. 75p. |
| 49283007 | Hipps, A. (2014) Thiamethoxam/Fludioxonil/Difenoconazole/Sedaxane: A20588A - Physico-Chemical Studies of the Formulation: Product Chemistry Volume. Project Number: TK0193878, PC/14/007, TK0193488. Unpublished study prepared by Syngenta Crop Protection, LLC. 68p. |
| 49283014 | Hipps, A. (2014) Thiamethoxam/Fludioxonil/Difenoconazole/Sedaxane: A20588A - Document MIII, Section 1: Product Chemistry Volume. Project Number: TK0068469, PC/14/003. Unpublished study prepared by Syngenta Crop Protection, LLC. 32p. |
| 49326102 | Heuser, J. (2014) Lambda-cyhalothrin/Azoxystrobin/Propiconazole/Thiamethoxam ZE (A20007C) - Physical and Chemical Properties. Project Number: TK0215134, PC/13/088, TK0215126. Unpublished study prepared Syngenta Crop Protection, LLC. 73p. |
| 49524307 | Hipps, A. (2015) Thiamethoxam/Metalaxyl-M and S-isomer (Mefenoxam)/Fludioxonil/Thiabendazole/Sedaxane: A21174B - Physico-Chemical Studies of the Formulation. Project Number: TK0149603, PC/15/003, USGR141468. Unpublished study prepared by Syngenta Crop Protection, LLC. 74p. |
| 49524315 | Hipps, A. (2015) Thiamethoxam/Metalaxyl-M and S-isomer (Mefenoxam)/Fludioxonil/Thiabendazole/Sedaxane: A21174B - Document MIII, Section 1. Project Number: TK0149603, PC/15/001, PC/15/003. Unpublished study prepared by Syngenta Crop Protection, LLC. 34p. |
| 49712203 | Hipps, A. (2015) A20903A - Physico-Chemical Studies of Formulation. Project Number: PC/15/091. Unpublished study prepared by Syngenta Biosciences Pvt. Ltd., Syngenta Technology and Engineering and Syngenta Crop Protection Munchwilen AG. 151p. |
| 49712212 | Hipps, A. (2015) A20903A - Document MIII Section 1: Product Chemistry Volume. Project Number: PC/15/090. Unpublished study prepared by Syngenta Crop Protection, LLC. 33p. |
| 49713102 | Hipps, A. (2015) Pasteuria Nishizawae/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21324J - Physico-Chemical Studies of the Formulation, Product Chemistry Volume. Project Number: TK0201751, PC/15/070. Unpublished study prepared by Syngenta Crop Protection, LLC and Syngenta Technology and Engineering. 63p. |
| 49713115 | Hipps, A.; Phelps, L. (2015) Pasteuria Nishizawae/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21324J - Document MIII, Section 1, Product Chemistry Volume. Project Number: TK0201751, PC/15/069. Unpublished study prepared by Syngenta Crop Protection, LLC. 31p. |
| 49980502 | Hipps, A. (2016) Pasteuria nishizawae, Pn1/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21988B - Physico-Chemical Studies of the Formulation: Product Chemistry Volume. Project Number: TK0287649, PC/16/095, USGR160147. Unpublished study prepared by Syngenta Crop Protection, LLC and Syngenta Technology & Projects. 65p. |
| 49980509 | Hipps, A.; Phelps, L. (2016) Pasteuria nishizawae, Pn1/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21988B - Document MIII, Section 1: Product Chemistry Volume. Project Number: TK0287649, PC/16/092, PC/16/095. Unpublished study prepared by Syngenta Crop Protection, LLC. 31p. |
| 49984001 | O'Brien, L. (2016) Determination of Physical & Chemical Characteristics of F4189-1. Project Number: 2016PCP/THI2519, 00111, AP2016/006. Unpublished study prepared by Symbiotic Research, LLC. 226p. |
| 50424115 | Sparrow, K. (2017) A22353A - Document MIII, Section 1: Product Chemistry Volume. Project Number: TK0236551, PC/17/061. Unpublished study prepared by Syngenta Crop Protection, LLC. 29p. |
| 51030016 | Shultz, K. (2019) Sharda Thiamethoxam Technical: Product Chemistry - Group B: Request for Waiver and Citation of Data for Certain Physical / Chemical Properties Data. Unpublished study prepared by Sharda Cropchem Limited. 5p. |
| 51049105 | Vieira, F. (2012) Miscibility in Water and Organic Solvents of Thiamethoxam 25% WDG. Project Number: RF/A00827/008/010/12, A00827/008/010/12. Unpublished study prepared by BIOAGRI Laboratorios Ltda. 12p. |
| 51134213 | Shultz, K. (2020) Sharda Thiamethoxam 40% WDG: Product Chemistry - Group B: Request for Waiver for Certain Physical / Chemical Properties Data. Unpublished study prepared by Sharda USA LLC. 5p. |
| 51208504 | Shultz, K. (2020) Sharda Thiamethoxam 75% SG: Product Chemistry - Group B: Request for Waiver for Certain Physical/Chemical Properties Data. Unpublished study prepared by Sharda USA, LLC. 5p. |
| 51221104 | Hardie, R. (2020) Sharda Thiamethoxam 12.6% + Lambda 9.48% SC; ABN: Spiderman Product Chemistry - Group B: Request for Waiver for Certain Physical/Chemical Properties Data. Unpublished study prepared by Sharda USA, LLC. 5p. |
| 51229002 | Sparrow, K.; Hipps, A. (2021) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane/Isocycloseram A23273A - Physical and Chemical Properties Product Chemistry Volume. Project Number: PC/21/032. Unpublished study prepared by Syngenta Crop Protection, LLC. 67p. |
| 51229102 | Sparrow, K.; Hipps, A. (2021) A23250A ¿ Physical and Chemical Properties: Product Chemistry Volume. Project Number: PC/21/034. Unpublished study prepared by Syngenta Crop Protection, LLC and Syngenta Technology & Projects. 67p. |
| 51288402 | Hipps, A. (2021) Picarbutrazox/Fludioxonil/Thiamethoxam/Metalaxyl-M & SIsomer/Sedaxane A23240B: Physical and Chemical Properties PC Volume. Project Number: PC/20/057. Unpublished study prepared by Syngenta Crop Protection, LLC. 52p. |
| 51438801 | Pastor, K. (2021) Thiamethoxam Technical: Summary of OCSPP 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/02S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625701 | Pastor, K. (2021) ST Premix IPZ-4: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/12S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625801 | Pastor, K. (2021) Thiamethoxam 5L: Summary of OPPTS Series Product Properties Test Guidelines. Project Number: ALB21/13S. Unpublished study prepared by Albaugh, LLC. 7p. |

### 830.6320       Corrosion characteristics

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46016908 | Hipps, A. (2003) Physical and Chemical Properties of CGA173506/CGA329351 328 FS (A13641B). Project Number: HT03/016, PC/03/026, HT3/017. Unpublished study prepared by Syngenta Crop Protection, Inc. 38 p. |
| 46308302 | Schilling, W. (2004) Physical and Chemical Properties of Fludioxonil/Thiamethoxam/Mefenoxam/Azoxystrobin FS (A14115A). Project Number: PC/04/022, T008906/03, T008911/03. Unpublished study prepared by Syngenta Crop Protection, Inc. 44 p. |
| 46412802 | Schilling, W. (2004) Physical and Chemical Properties of Thiamethoxam FS (600) (A9765N). Project Number: PC/04/092, T015923/04/LI, T015923/04. Unpublished study prepared by Syngenta Crop Protection, Inc. 43 p. |
| 46575301 | Schilling, W. (2005) One Year Storage Stability at Ambiet Temperature and Corrosion Characteristics of Fludioxonil/Thiamethoxam/Mefenoxam/Azoxystrobin FS (A14115A)(Addendum to MRID No.: 4630802). Project Number: PC/05/040. Unpublished study prepared by Syngenta Crop Protection, Inc. 21 p. |
| 46709002 | Schilling, W. (2005) Physical and Chemical Properties of Fludioxonil/Thiamethoxam/Mefenoxam FS: (Final Report) (012.7/255.5/019.2) (A14379B); (CruiserMaxx). Project Number: 10064609, T003821/05, T003820/05. Unpublished study prepared by Syngenta Crop Protection. 55 p. |
| 46948103 | Phelps, L. (2006) Physical and Chemical Properties of A15236A. Project Number: PC/06/093, T001609/06, HT06/140. Unpublished study prepared by Syngenta Crop Protection, Inc. 60 p. |
| 46948702 | Phelps, L. (2006) Physical and Chemical Properties of A15277A: (Final Report). Project Number: PC/06/095. Unpublished study prepared by Syngenta Crop Protection, Inc. 60 p. |
| 46988801 | Schilling, W. (2006) Storage Stability at Ambient Temperature and Corrosion Characteristics of Fludioxonil Thiamethoxam Mefenoxam FS: Cruiser Maxx Insecticide with Fungicides. Project Number: PC/06/142, T003826/05. Unpublished study prepared by Syngenta Crop Protection. 30 p. |
| 47091501 | Schilling, W. (2006) Cruiser Insecticide: Storage Stability at Ambient Temperature and Corrosion Characteristics of Thiamethoxam FS (600) (A9765N). Project Number: PC/06/114, T015923/04, T015923/04/F. Unpublished study prepared by Syngenta Crop Protection Inc. 28 p. |
| 47092502 | Schilling, W. (2006) Physical and Chemical Properties of Fludioxonil/Thiamenthoxam/Mefenoxam SE (012/240/8/035/9) (A14909E) [also referred to in this volume as CGA173506/CGA293343/CGA329351 SE (012/240/8/035/9)]. Project Number: PC/06/131, T003284/06, 10113451. Unpublished study prepared by Syngenta Crop Protection, Inc. 69 p. |
| 47111802 | Phelps, L. (2007) Physical and Chemical Properties of Thiamethoxam GR (0.22) (A11859G): (Thiamethoxam Lawn & Landscape 0.22G). Project Number: PC/07/024, 20829, P801. Unpublished study prepared by Syngenta Crop Protection. 44 p. |
| 47123701 | Schilling, W. (2007) Storage Stability at Ambient Temperature and Corrosion Characteristics of CruiserMaxx Potato Insecticide and Fungicide (A14382A). Project Number: PC/07/049, T004648/05, T004647/05. Unpublished Study Prepared by Syngenta Crop Protection. 32 p. |
| 47176502 | Sparrow, K. (2007) Physical and Chemical Properties of Thiamethoxam SG (75) (A9549C). Project Number: PC/07/018, 116863, 10123180/DOC. Unpublished study prepared by Syngenta Crop Protection. 68 p. |
| 47231901 | Sparrow, K. (2007) Endigo: One Year Storage Stability at Ambient Temperature and Corrosion Characteristics of Thiamethoxam/Lambda-Cyhalothrin SC (A13623B). Project Number: PC/07/047. Unpublished study prepared by Syngenta Crop Protection, Inc. 23 p. |
| 47246702 | Schilling, W. (2007) Physical and Chemical Properties of Difenoconazole/Thiamethoxam/Mefenoxam FS (A15424B). Project Number: PC/07/054. Unpublished study prepared by Syngenta Crop Protection, Inc. 34 p. |
| 47329701 | Sparrow, K. (2008) Optigard Ant Gel Bait (Formerly Optigard Ant Gel 100) One Year Storage Stability at Ambient Temperature and Corrosion Characteristics of Thiamethoxam RB (0.01) (A15236A). Project Number: PC/07/062, T001612/06, 10099047/DOC. Unpublished study prepared by Syngenta Crop Protection, Inc. 21 p. |
| 47500401 | Schilling, W. (2008) One Year Storage Stability at Ambient Temperature and Corrosion Characteristics of THX/MXM/FDL CZ (A14909E). Project Number: PC/08/053. Unpublished study prepared by Syngenta Crop Protection, Inc. 31 p. |
| 47568301 | Schilling, W. (2008) CruiserMaxx Cereals: One Year Storage Stability at Ambient Temperature and Corrosion Characteristics of Difenoconazole/Thiamethoxam/Mefenoxam FS (A15424B): (Addendum to MRID 47246702): Final Report. Project Number: PC/08/071, 10292963/DOC, T001113/07. Unpublished study prepared by Syngenta Crop Protection, Inc. 16 p. |
| 47645401 | Irrig, H. (2009) Thiamethoxam: Cruiser 70 WS: Three Year Storage Stability at Ambient Temperature and Corrosion Characteristics of Thiamethoxam 70 WS (A9567B). Project Number: PC/09/002, 641/98, 2640397/DOC. Unpublished study prepared by Syngenta Crop Protection, Inc. 16 p. |
| 47702702 | Irrig, H. (2009) Abamectin/Thiamethoxam SC (A15543C) - Physical and Chemical Properties. Project Number: PC/08/070, 10344637/DOC, T000176/08. Unpublished study prepared by Syngenta Crop Protection, Inc. 34 p. |
| 47774401 | Sparrow, K. (2009) Flagship 0.22G: One Year Storage Stability at Ambient Temperature and Corrosion Characteristics of Thiamethoxam GR (.22) (A11859G). Project Number: PC/09/046, 20828. Unpublished study prepared by Syngenta Crop Protection, Inc. 31 p. |
| 47914902 | Sparrow, K. (2009) Thiamethoxam Technical (CGA293343) - Physical and Chemical Properties. Project Number: PC/09/072. Unpublished study prepared by Syngenta Crop Protection, Inc. 8 p. |
| 47915213 | Blom, N. (2003) Shelf Life and Storage Recommendation AGITA 1GB, A-12339 A. Project Number: HPE/057, HPE/058, HPE//059. Unpublished study prepared by Novartis Animal Health US, Inc. 28 p. |
| 47915416 | Blom, N. (2007) Shelf Life and Storage Recommendations Agita 10 WG A-11234 A. Project Number: HPE/051, HPE/052, HPE/062. Unpublished study prepared by Novartis Animal Health US, Inc. 36 p. |
| 47919815 | Stulz, J. (2010) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane FS: (036.9/030.7/009.5/008): (A17511B) - Document M-III, Section 1: Identity, Physical and Chemical Properties, Further Information and Proposed Classification. Project Number: A17511B/10013/OCR, PC/10/048, A17511B/10013. Unpublished study prepared by Syngenta Crop Protection, Inc. 36 p. |
| 47926201 | Sparrow, K. (2009) Flagship GR: One Year Storage Stability at Ambient Temperature and Corrosion Characteristics of Thiamethoxam GR (A11859A). Project Number: PC/09/081, ASR/837, 915/99. Unpublished study prepared by Syngenta Crop Protection. 15 p. |
| 47931301 | Sparrow, K. (2009) One Year Storage Stability at Ambient Temperature and Corrosion Characteristics of Lambda Cyhalothrin/Thiamethoxam ME. Project Number: PC/09/090, 10364105, T001536/08. Unpublished study prepared by Syngenta Crop Protection. 31 p. |
| 47932801 | Sparrow, K. (2009) One Year Storage Stability at Ambient Temperature and Corrosion Characteristics of Thiamethoxam GR (.2) (A16245A). Project Number: PC/09/088, T002967/07, 10327976/DOC. Unpublished study prepared by Syngenta Crop Protection. 18 p. |
| 47932901 | Sparrow, K. (2009) One Year Storage Stability at Ambient Temperature and Corrosion Characteristics of Thiamethoxam GR (.14) (A16244A). Project Number: PC/09/087, T002966/07, 10327977/DOC. Unpublished study prepared by Syngenta Crop Protection. 18 p. |
| 47954601 | Sparrow, K. (2010) One Year Storage Stability at Ambient Temperature and Corrosion Characteristics of Lambda Cyhalothrin/Thiamethoxam ME (A16424B). Project Number: PC/10/2009, T001542/08, T001540/08. Unpublished study prepared by Syngenta Crop Protection. 27 p. |
| 47968501 | Sparrow, K. (2008) Optigard Ant Gel 30: One Year Storage Stability at Ambient Temperature and Corrosion Characteristics of Thiamethoxam RB . Project Number: PC/08/007, T001625/06, 10098862/DOC. Unpublished study prepared by Syngenta Crop Protection, Inc. 21 p. |
| 47972402 | Sparrow, K. (2010) VOLIAM Flexi: One Year Storage Stability at Ambient Temperature and Corrosion Characteristics of Thiamethoxam/Chlorantraniliprole WG (A15645A): (Addendum to MRID.: 47424102). Project Number: PC/10/011, 117276, 117275. Unpublished study prepared by Syngenta Crop Protection. 58 p. |
| 47972403 | Sparrow, K. (2010) Durivo: One Year Storage Stability at Ambient Temperature and Corrosion Characteristics of Thiamethoxam/Chlorantraniliprole SC (A15452B): (Addendum to MRID No.: 47420902). Project Number: PC/10/010, 116823, 116822. Unpublished study prepared by Syngenta Crop Protection. 57 p. |
| 47977501 | Sparrow, K. (2010) Durivo: One Year Storage Stability at Ambient Temperature and Corrosion Characteristics of Thiamethoxam/Chlorantraniliprole SC (A15452B). Project Number: PC/10/010, 116823, 116822. Unpublished study prepared by Syngenta Crop Protection. 57 p. |
| 48305301 | Sparrow, K. (2010) One Year Storage Stability at Ambient Temperature and Corrosion Characteristics of Thiamethoxam 75SG (A9549C) (Addendum to MRID No.: 47176502). Project Number: PC/10/097. Unpublished study prepared by Syngenta Crop Protection. 60 p. |
| 48432502 | Born, R. (2011) Cyantraniliprole/ Thiamethoxam WG (A16901B)- Physico-Chemical Studies of the Formulation: PC Volume. Project Number: A16901B/10065, PC/11/057, 121400. Unpublished study prepared by Syngenta Crop Protection, LLC. 337 p. |
| 48468002 | Sparrow, K. (2011) Difenoconazole/Thiamethoxam/Lambda Cyhalothrin ME RTU (A17570B) - One Year Storage Stability at Ambient Temperature and Corrosion Characteristics. Project Number: PC/11/049. Unpublished study prepared by Syngenta Crop Protection. 36 p. |
| 48468202 | Sparrow, K. (2011) Difenoconazole/Thiamethoxam/Lambda Cyhalothrin ME Concentrate (A17571B) - One Year Storage Stability at Ambient Temperature and Corrosion Characteristics. Project Number: PC/11/051, 28052. Unpublished study prepared by Syngenta Crop Protection, LLC. 36 p. |
| 48563901 | Hipps, A. (2011) CruiserMaxx Rice: One Year Storage Stability at Ambient Temperature and Corrosion Characteristics. Project Number: PC/11/062, TK0016134, TK0016133. Unpublished study prepared by Syngenta Crop Protection, LLC. 42p. |
| 48568101 | Hipps, A. (2011) Four-Way VAP (A18046A) - One Year Storage Stability at Ambient Temperature and Corrosion Characteristics: (Addendum to MRID No.: 48081702). Project Number: PC/11/064, TK0025135. Unpublished study prepared by Syngenta Crop Protection, LLC. 17p. |
| 48644002 | Hipps, A. (2011) Dynasty PD + Thiamethoxam (A17461A) - Physical and Chemical Properties. Project Number: PC/11/030, PC/11/030/OCR, TK0053458. Unpublished study prepared by Syngenta Crop Protection, LLC. 36p. |
| 48647601 | Irrig, H. (2009) One Year Storage Stability at Ambient Temperature and Corrosion Characteristics of Abamectin/Thiamethoxam FS (A16115A). Project Number: PC/09/041, 10329334/DOC, T003987/07. Unpublished study prepared by Syngenta Crop Protection, Inc. 16p. |
| 48735202 | Sparrow, K. (2011) Thiamethoxam RB (A14116A) - One Year Storage Stability at Ambient Temperature and Corrosion Characteristics (Addendum to MRID No.: 47973302): Optigard Liquid Ant Bait. Project Number: PC/11/107. Unpublished study prepared by Syngenta Crop Protection. 32p. |
| 48836801 | Sparrow, K. (2012) Cyantraniliprole/Thiamethoxam WG (A16901B) - One Year Storage Stability at Ambient Temperature and Corrosion Characteristics (Addendum to MRID No. 48432502). Project Number: PC/12/072/OCR. Unpublished study prepared by Syngenta Crop Protection. 61p. |
| 48904801 | Hipps, A. (2012) CruiserMaxx Potato Extreme (A18232A) - One Year Storage Stability at Ambient Temperature and Corrosion Characteristics. Project Number: PC/12/062. Unpublished study prepared by Syngenta Crop Protection, LLC. 17p. |
| 48921101 | Hipps, A. (2012) Avicta Complete Corn 250 Premix (A18112D) - One Year Storage Stability at Ambient Temperature and Corrosion Characteristics. Project Number: PC/12/061. Unpublished study prepared by Syngenta Crop Protections, LLC. 17p. |
| 48921201 | Hipps, A. (2012) CruiserMaxx Peanuts (A17461A) - One Year Storage Stability at Ambient Temperature and Corrosion Characteristics. Project Number: PC/12/064. Unpublished study prepared by Syngenta Crop Protection, LLC. 17p. |
| 48943201 | Hipps, A. (2012) CruiserMaxx EZ (A18901A) - One Year Storage Stability at Ambient Temperature and Corrosion Characteristics. Project Number: PC/12/069 10466400/DOC TK0055950. Unpublished study prepared by Syngenta Crop Protection, LLC. 29p. |
| 48943301 | Hipps, A. (2012) One Year Storage Stability at Ambient Temperature and Corrosion Characteristics: Thiamethoxam/Fludioxonil/Mefenoxam/Thiabendazole. Project Number: PC/12/065, TK0055615. Unpublished study prepared by Syngenta Crop Protection, LLC. 17p. |
| 49070401 | Hipps, A. (2013) Thiamethoxam/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxane FS: A19997A: Document M-III, Section 1: Identity, Physical and Chemical Properties, Further Information and Proposed Classification. Project Number: PC/13/015. Unpublished study prepared by Syngenta Crop Protection, LLC. 30p. |
| 49070403 | Hipps, A. (2013) Thiamethoxam/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxane FS (A19997A): Physical and Chemical Properties. Project Number: PC/13/017/OCR. Unpublished study prepared by Syngenta Huddersfield Manufacturing Center and Syngenta Crop Protection, LLC. 73p. |
| 49120202 | Hipps, A. (2013) Thiamethoxam/Difenoconazole/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxan: A20307A - Document MIII, Section 1: Product Chemistry. Project Number: TK0067821/OCR, PC/13/054. Unpublished study prepared by Syngenta Crop Protection, LLC. 37p. |
| 49120206 | Hipps, A. (2013) Thiamethoxam/Difenoconazole/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxan: A20307A - Physical-Chemical Studies of the Formulation. Project Number: TK0067821/OCR, PC/13/056. Unpublished study prepared by Syngenta Crop Protection, LLC. 68p. |
| 49165802 | Sparrow, K. (2013) Abamectin/Thiamethoxam SC (A15913B) - One Year Storage Stability at Ambient Temperature and Corrosion Characteristics: Abamectin/Thiamethoxam: Solvigo Miticide/ Insecticide: PC Volume. Project Number: PC/13/043 TK0180662, TK0056123. Unpublished study prepared by Syngenta Crop Protection, LLC. 18p. |
| 49179301 | Ligon, W. (2013) Thiamethoxam/Fludioxonil/Mefenoxam/Azoxystrobin/Thiabendazole FS (A19093D) - One Year Storage Stability at Ambient Temperature and Corrosion Characteristics: (Addendum to MRID - 48682502). Project Number: TK0103561, PC/13/066/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 30p. |
| 49179401 | Ligon, W. (2013) Thiamethoxam/Fludioxonil/Mefenoxam/Azoxystrobin FS (A19092D) - One Year Storage Stability at Ambient Temperature and Corrosion Characteristics: (Addendum to MRID - 48682402). Project Number: TK0103555/OCR, PC/13/065. Unpublished study prepared by Syngenta Crop Protection, LLC. 30p. |
| 49282702 | Hipps, A. (2014) Abamectin/Thiamethoxam FS (A20703C) - Physical and Chemical Properties. Project Number: PC/14/013, TK0193416, TK0161960. Unpublished study prepared by Syngenta Crop Protection, LLC. 75p. |
| 49283007 | Hipps, A. (2014) Thiamethoxam/Fludioxonil/Difenoconazole/Sedaxane: A20588A - Physico-Chemical Studies of the Formulation: Product Chemistry Volume. Project Number: TK0193878, PC/14/007, TK0193488. Unpublished study prepared by Syngenta Crop Protection, LLC. 68p. |
| 49283014 | Hipps, A. (2014) Thiamethoxam/Fludioxonil/Difenoconazole/Sedaxane: A20588A - Document MIII, Section 1: Product Chemistry Volume. Project Number: TK0068469, PC/14/003. Unpublished study prepared by Syngenta Crop Protection, LLC. 32p. |
| 49326102 | Heuser, J. (2014) Lambda-cyhalothrin/Azoxystrobin/Propiconazole/Thiamethoxam ZE (A20007C) - Physical and Chemical Properties. Project Number: TK0215134, PC/13/088, TK0215126. Unpublished study prepared Syngenta Crop Protection, LLC. 73p. |
| 49383902 | Birchett (2014) Thiamethoxam/Mefenoxam/Fludioxonil/Thiabendazole/Sedaxane FS (A21073A) - Physical and Chemical Properties. Project Number: TK0224811, PC/14/034, USGR141158. Unpublished study prepared by Syngenta Crop Protection, LLC. 75p. |
| 49470301 | Ligon, W. (2014) Thiamethoxam/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxane FS (A19997A) - One Year Storage Stability at Ambient Temperature and Corrosion Characteristics. Project Number: TK0180660, PC/14/069, TK0067606. Unpublished study prepared by Syngenta Crop Proteciton, LLC. 30p. |
| 49523501 | Ligon, W. (2014) Thiamethoxam/Difenoconazole/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxane FS (A20477A) - One Year Storage Stability at Ambient Temperature and Corrosion Characteristics (Addendum to MRID - 49120105). Project Number: PC/14/078. Unpublished study prepared by Syngenta Crop Protection, LLC. 30p. |
| 49524307 | Hipps, A. (2015) Thiamethoxam/Metalaxyl-M and S-isomer (Mefenoxam)/Fludioxonil/Thiabendazole/Sedaxane: A21174B - Physico-Chemical Studies of the Formulation. Project Number: TK0149603, PC/15/003, USGR141468. Unpublished study prepared by Syngenta Crop Protection, LLC. 74p. |
| 49524315 | Hipps, A. (2015) Thiamethoxam/Metalaxyl-M and S-isomer (Mefenoxam)/Fludioxonil/Thiabendazole/Sedaxane: A21174B - Document MIII, Section 1. Project Number: TK0149603, PC/15/001, PC/15/003. Unpublished study prepared by Syngenta Crop Protection, LLC. 34p. |
| 49524402 | HiPPS, A. (2015) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane/Gibberellin A4/A7/Indolebutyric acid/Kinetin FS (A21185B) - Physical and Chemical Properties - Product Chemistry Volume. Project Number: TK0067181, PC/15/007, USGR141550. Unpublished study prepared by Syngenta Crop Protection, LLC. 45p. |
| 49712203 | Hipps, A. (2015) A20903A - Physico-Chemical Studies of Formulation. Project Number: PC/15/091. Unpublished study prepared by Syngenta Biosciences Pvt. Ltd., Syngenta Technology and Engineering and Syngenta Crop Protection Munchwilen AG. 151p. |
| 49712212 | Hipps, A. (2015) A20903A - Document MIII Section 1: Product Chemistry Volume. Project Number: PC/15/090. Unpublished study prepared by Syngenta Crop Protection, LLC. 33p. |
| 49713102 | Hipps, A. (2015) Pasteuria Nishizawae/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21324J - Physico-Chemical Studies of the Formulation, Product Chemistry Volume. Project Number: TK0201751, PC/15/070. Unpublished study prepared by Syngenta Crop Protection, LLC and Syngenta Technology and Engineering. 63p. |
| 49713115 | Hipps, A.; Phelps, L. (2015) Pasteuria Nishizawae/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21324J - Document MIII, Section 1, Product Chemistry Volume. Project Number: TK0201751, PC/15/069. Unpublished study prepared by Syngenta Crop Protection, LLC. 31p. |
| 49980502 | Hipps, A. (2016) Pasteuria nishizawae, Pn1/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21988B - Physico-Chemical Studies of the Formulation: Product Chemistry Volume. Project Number: TK0287649, PC/16/095, USGR160147. Unpublished study prepared by Syngenta Crop Protection, LLC and Syngenta Technology & Projects. 65p. |
| 49980509 | Hipps, A.; Phelps, L. (2016) Pasteuria nishizawae, Pn1/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21988B - Document MIII, Section 1: Product Chemistry Volume. Project Number: TK0287649, PC/16/092, PC/16/095. Unpublished study prepared by Syngenta Crop Protection, LLC. 31p. |
| 49984001 | O'Brien, L. (2016) Determination of Physical & Chemical Characteristics of F4189-1. Project Number: 2016PCP/THI2519, 00111, AP2016/006. Unpublished study prepared by Symbiotic Research, LLC. 226p. |
| 50424115 | Sparrow, K. (2017) A22353A - Document MIII, Section 1: Product Chemistry Volume. Project Number: TK0236551, PC/17/061. Unpublished study prepared by Syngenta Crop Protection, LLC. 29p. |
| 50588202 | Hipps, A. (2018) A22388B - Physical-Chemical Property Studies of the Formulation. Project Number: PC/18/063. Unpublished study prepared by Syngenta Crop Protection, LLC. 62p. |
| 50588215 | Hipps, A. (2018) A22388B - Document MIII, Section 1 - Product Chemistry Volume. Project Number: PC/18/060. Unpublished study prepared by Syngenta Crop Protection, LLC. 26p. |
| 50919601 | Zhang, J. (2016) Storage Stability and Container Corrosion Evaluation of F4189-1. Project Number: 2015SST/THI2331. Unpublished study prepared by FMC Corporation. 38p. |
| 51030007 | Wasser, C. (2008) Determination of Physical and Chemical Properties of Thiamethoxam Technical: Corrosivity: Final Report. Project Number: A7180, R/A7180/03. Unpublished study prepared by Anadiag S.A. 22p. |
| 51049104 | Patel, A. (2008) Accerated Storage Stability of Thiamethoxam 25% WDG. Project Number: 7280. Unpublished study prepared by Jai Research Foundation. 71p. |
| 51134204 | Joseph, S. (2020) Determination of Corrosiveness of Thiamethoxam 40% WDG: Final Report. Project Number: 6944/2019. Unpublished study prepared by Bioscience Research Foundation. 25p. |
| 51208502 | Prasad, S. (2020) Determination of Accelerated Storage Stability of Thiamethoxam 75% SG. Project Number: 20254. Unpublished study prepared by Palamur Biosciences Private Limited. 62p. |
| 51221103 | Hardie, R. (2020) Determination of Accelerated Storage Stability of Thiamethoxam 12.6% + Lambdacyhalothrin 9.48% ZC. Project Number: 20252. Unpublished study prepared by Palamur Biosciences Private Limited. 55p. |
| 51229002 | Sparrow, K.; Hipps, A. (2021) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane/Isocycloseram A23273A - Physical and Chemical Properties Product Chemistry Volume. Project Number: PC/21/032. Unpublished study prepared by Syngenta Crop Protection, LLC. 67p. |
| 51229102 | Sparrow, K.; Hipps, A. (2021) A23250A ¿ Physical and Chemical Properties: Product Chemistry Volume. Project Number: PC/21/034. Unpublished study prepared by Syngenta Crop Protection, LLC and Syngenta Technology & Projects. 67p. |
| 51288402 | Hipps, A. (2021) Picarbutrazox/Fludioxonil/Thiamethoxam/Metalaxyl-M & SIsomer/Sedaxane A23240B: Physical and Chemical Properties PC Volume. Project Number: PC/20/057. Unpublished study prepared by Syngenta Crop Protection, LLC. 52p. |
| 51404502 | Seenuvasan, R. (2018) Container Content Compatibility of Thiamethoxam Technical: Final Report. Project Number: 3481/2018. Unpublished study prepared by Bioscience Research Foundation. 134p. |
| 51438801 | Pastor, K. (2021) Thiamethoxam Technical: Summary of OCSPP 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/02S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51438805 | Wo, C. (2021) Thiamethoxam Technical: Accelerated Storage Stability and Corrosion Characteristics. Project Number: 54250, P802. Unpublished study prepared by Product Safety Laboratories. 23p. |
| 51625701 | Pastor, K. (2021) ST Premix IPZ-4: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/12S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625704 | Theus, S. (2021) Storage Stability and Corrosion Characteristics of ST Premix IPZ-4: Final Report. Project Number: ARC/EX/2981/012/P/1, ARC/EX/2981. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 52p. |
| 51625801 | Pastor, K. (2021) Thiamethoxam 5L: Summary of OPPTS Series Product Properties Test Guidelines. Project Number: ALB21/13S. Unpublished study prepared by Albaugh, LLC. 7p. |

### 830.6321       Dielectric breakdown voltage

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46016908 | Hipps, A. (2003) Physical and Chemical Properties of CGA173506/CGA329351 328 FS (A13641B). Project Number: HT03/016, PC/03/026, HT3/017. Unpublished study prepared by Syngenta Crop Protection, Inc. 38 p. |
| 46412802 | Schilling, W. (2004) Physical and Chemical Properties of Thiamethoxam FS (600) (A9765N). Project Number: PC/04/092, T015923/04/LI, T015923/04. Unpublished study prepared by Syngenta Crop Protection, Inc. 43 p. |
| 46709002 | Schilling, W. (2005) Physical and Chemical Properties of Fludioxonil/Thiamethoxam/Mefenoxam FS: (Final Report) (012.7/255.5/019.2) (A14379B); (CruiserMaxx). Project Number: 10064609, T003821/05, T003820/05. Unpublished study prepared by Syngenta Crop Protection. 55 p. |
| 47111802 | Phelps, L. (2007) Physical and Chemical Properties of Thiamethoxam GR (0.22) (A11859G): (Thiamethoxam Lawn & Landscape 0.22G). Project Number: PC/07/024, 20829, P801. Unpublished study prepared by Syngenta Crop Protection. 44 p. |
| 47246702 | Schilling, W. (2007) Physical and Chemical Properties of Difenoconazole/Thiamethoxam/Mefenoxam FS (A15424B). Project Number: PC/07/054. Unpublished study prepared by Syngenta Crop Protection, Inc. 34 p. |
| 47579602 | Sparrow, K. (2008) Lambda Cyhalothrin/Thiamethoxam ME (A16424B)-Physical and Chemical Properties. Project Number: PC/08/037. Unpublished study prepared by Syngenta Crop Protection. 34 p. |
| 47618402 | Sparrow, K. (2007) Physical and Chemical Properties of Thiamethoxam GR (.2) (A16245A): (Meridian 0.20G). Project Number: PC/07/092, T002962/07, 10327966/DOC. Unpublished study prepared by Syngenta Crop Protection, Inc. 35 p. |
| 47919815 | Stulz, J. (2010) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane FS: (036.9/030.7/009.5/008): (A17511B) - Document M-III, Section 1: Identity, Physical and Chemical Properties, Further Information and Proposed Classification. Project Number: A17511B/10013/OCR, PC/10/048, A17511B/10013. Unpublished study prepared by Syngenta Crop Protection, Inc. 36 p. |
| 47962502 | Hipps, A. (2010) Thiamethoxam, Fludioxonil, Azoxystrobin, Mefenoxam: Cruiser Maxx Rice (A17469B): Physical and Chemical Properties. Project Number: PC/10/007, A17469B/50021, TK0016132. Unpublished study prepared by Syngenta Crop Protection, Inc. 34 p. |
| 47973302 | Sparrow, K. (2010) Thiamethoxam RB (.003) (A14116A): Physical and Chemical Properties. Project Number: PC/10/002/OCR, A14116A/50004. Unpublished study prepared by Syngenta Crop Protection, Inc. 25 p. |
| 48491902 | Hipps, A. (2011) Cruiser Maxx + Thiabendazole (A18212C) - Physical and Chemical Properties. Project Number: PC/11/034/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 34 p. |
| 48579702 | Sparrow, K. (2011) Lambda-Cyhalothrin/Thiamethoxam SC (A18484A) - Physical and Chemical Properties. Project Number: TK0053837/OCR 10448118/DOC PC/11/016. Unpublished study prepared by Syngenta Crop Protection, LLC. 33p. |
| 48758402 | Hipps, A. (2012) SYT0113 (A19511A) - Physical and Chemical Properties. Project Number: PC/12/053, HT11/599/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC and Syngenta Huddersfield Manufacturing Center. 34p. |
| 48836202 | Hipps, A. (2012) CruiserMaxx Supreme (A19094D) - Physical and Chemical Properties. Project Number: PC/12/010. Unpublished study prepared by Syngenta Crop Protection, LLC. 33p. |
| 49070401 | Hipps, A. (2013) Thiamethoxam/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxane FS: A19997A: Document M-III, Section 1: Identity, Physical and Chemical Properties, Further Information and Proposed Classification. Project Number: PC/13/015. Unpublished study prepared by Syngenta Crop Protection, LLC. 30p. |
| 49120202 | Hipps, A. (2013) Thiamethoxam/Difenoconazole/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxan: A20307A - Document MIII, Section 1: Product Chemistry. Project Number: TK0067821/OCR, PC/13/054. Unpublished study prepared by Syngenta Crop Protection, LLC. 37p. |
| 49282702 | Hipps, A. (2014) Abamectin/Thiamethoxam FS (A20703C) - Physical and Chemical Properties. Project Number: PC/14/013, TK0193416, TK0161960. Unpublished study prepared by Syngenta Crop Protection, LLC. 75p. |
| 49283014 | Hipps, A. (2014) Thiamethoxam/Fludioxonil/Difenoconazole/Sedaxane: A20588A - Document MIII, Section 1: Product Chemistry Volume. Project Number: TK0068469, PC/14/003. Unpublished study prepared by Syngenta Crop Protection, LLC. 32p. |
| 49326102 | Heuser, J. (2014) Lambda-cyhalothrin/Azoxystrobin/Propiconazole/Thiamethoxam ZE (A20007C) - Physical and Chemical Properties. Project Number: TK0215134, PC/13/088, TK0215126. Unpublished study prepared Syngenta Crop Protection, LLC. 73p. |
| 49524315 | Hipps, A. (2015) Thiamethoxam/Metalaxyl-M and S-isomer (Mefenoxam)/Fludioxonil/Thiabendazole/Sedaxane: A21174B - Document MIII, Section 1. Project Number: TK0149603, PC/15/001, PC/15/003. Unpublished study prepared by Syngenta Crop Protection, LLC. 34p. |
| 49712212 | Hipps, A. (2015) A20903A - Document MIII Section 1: Product Chemistry Volume. Project Number: PC/15/090. Unpublished study prepared by Syngenta Crop Protection, LLC. 33p. |
| 49713115 | Hipps, A.; Phelps, L. (2015) Pasteuria Nishizawae/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21324J - Document MIII, Section 1, Product Chemistry Volume. Project Number: TK0201751, PC/15/069. Unpublished study prepared by Syngenta Crop Protection, LLC. 31p. |
| 49980509 | Hipps, A.; Phelps, L. (2016) Pasteuria nishizawae, Pn1/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21988B - Document MIII, Section 1: Product Chemistry Volume. Project Number: TK0287649, PC/16/092, PC/16/095. Unpublished study prepared by Syngenta Crop Protection, LLC. 31p. |
| 49984001 | O'Brien, L. (2016) Determination of Physical & Chemical Characteristics of F4189-1. Project Number: 2016PCP/THI2519, 00111, AP2016/006. Unpublished study prepared by Symbiotic Research, LLC. 226p. |
| 50424115 | Sparrow, K. (2017) A22353A - Document MIII, Section 1: Product Chemistry Volume. Project Number: TK0236551, PC/17/061. Unpublished study prepared by Syngenta Crop Protection, LLC. 29p. |
| 51030016 | Shultz, K. (2019) Sharda Thiamethoxam Technical: Product Chemistry - Group B: Request for Waiver and Citation of Data for Certain Physical / Chemical Properties Data. Unpublished study prepared by Sharda Cropchem Limited. 5p. |
| 51049110 | Shultz, K. (2020) Sharda Thiamethoxam 25% WDG Product Chemistry ¿ Group B: Request for Waiver for Certain Physical / Chemical Properties Data. Unpublished study prepared by Sharda USA LLC. 5p. |
| 51134213 | Shultz, K. (2020) Sharda Thiamethoxam 40% WDG: Product Chemistry - Group B: Request for Waiver for Certain Physical / Chemical Properties Data. Unpublished study prepared by Sharda USA LLC. 5p. |
| 51208504 | Shultz, K. (2020) Sharda Thiamethoxam 75% SG: Product Chemistry - Group B: Request for Waiver for Certain Physical/Chemical Properties Data. Unpublished study prepared by Sharda USA, LLC. 5p. |
| 51221104 | Hardie, R. (2020) Sharda Thiamethoxam 12.6% + Lambda 9.48% SC; ABN: Spiderman Product Chemistry - Group B: Request for Waiver for Certain Physical/Chemical Properties Data. Unpublished study prepared by Sharda USA, LLC. 5p. |
| 51229002 | Sparrow, K.; Hipps, A. (2021) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane/Isocycloseram A23273A - Physical and Chemical Properties Product Chemistry Volume. Project Number: PC/21/032. Unpublished study prepared by Syngenta Crop Protection, LLC. 67p. |
| 51229102 | Sparrow, K.; Hipps, A. (2021) A23250A ¿ Physical and Chemical Properties: Product Chemistry Volume. Project Number: PC/21/034. Unpublished study prepared by Syngenta Crop Protection, LLC and Syngenta Technology & Projects. 67p. |
| 51288402 | Hipps, A. (2021) Picarbutrazox/Fludioxonil/Thiamethoxam/Metalaxyl-M & SIsomer/Sedaxane A23240B: Physical and Chemical Properties PC Volume. Project Number: PC/20/057. Unpublished study prepared by Syngenta Crop Protection, LLC. 52p. |
| 51438801 | Pastor, K. (2021) Thiamethoxam Technical: Summary of OCSPP 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/02S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625701 | Pastor, K. (2021) ST Premix IPZ-4: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/12S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625801 | Pastor, K. (2021) Thiamethoxam 5L: Summary of OPPTS Series Product Properties Test Guidelines. Project Number: ALB21/13S. Unpublished study prepared by Albaugh, LLC. 7p. |

### 830.7000       pH

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46016908 | Hipps, A. (2003) Physical and Chemical Properties of CGA173506/CGA329351 328 FS (A13641B). Project Number: HT03/016, PC/03/026, HT3/017. Unpublished study prepared by Syngenta Crop Protection, Inc. 38 p. |
| 46308302 | Schilling, W. (2004) Physical and Chemical Properties of Fludioxonil/Thiamethoxam/Mefenoxam/Azoxystrobin FS (A14115A). Project Number: PC/04/022, T008906/03, T008911/03. Unpublished study prepared by Syngenta Crop Protection, Inc. 44 p. |
| 46412802 | Schilling, W. (2004) Physical and Chemical Properties of Thiamethoxam FS (600) (A9765N). Project Number: PC/04/092, T015923/04/LI, T015923/04. Unpublished study prepared by Syngenta Crop Protection, Inc. 43 p. |
| 46709002 | Schilling, W. (2005) Physical and Chemical Properties of Fludioxonil/Thiamethoxam/Mefenoxam FS: (Final Report) (012.7/255.5/019.2) (A14379B); (CruiserMaxx). Project Number: 10064609, T003821/05, T003820/05. Unpublished study prepared by Syngenta Crop Protection. 55 p. |
| 46716302 | Brady, M. (2005) Physical and Chemical Properties of CruiserMaxx Potato Insecticide and Fungicide (A14382A): (Final Report). Project Number: PC/05/049, T004483/05, T004649/05. Unpublished study prepared by Syngenta Crop Protection, Inc. 65 p. |
| 46948103 | Phelps, L. (2006) Physical and Chemical Properties of A15236A. Project Number: PC/06/093, T001609/06, HT06/140. Unpublished study prepared by Syngenta Crop Protection, Inc. 60 p. |
| 46948702 | Phelps, L. (2006) Physical and Chemical Properties of A15277A: (Final Report). Project Number: PC/06/095. Unpublished study prepared by Syngenta Crop Protection, Inc. 60 p. |
| 47092502 | Schilling, W. (2006) Physical and Chemical Properties of Fludioxonil/Thiamenthoxam/Mefenoxam SE (012/240/8/035/9) (A14909E) [also referred to in this volume as CGA173506/CGA293343/CGA329351 SE (012/240/8/035/9)]. Project Number: PC/06/131, T003284/06, 10113451. Unpublished study prepared by Syngenta Crop Protection, Inc. 69 p. |
| 47111702 | Phelps, L. (2007) Physical and Chemical Properties of Thiamethoxam GR (0.33) (A12195E). Project Number: PC/07/022, 20832, CGA293343. Unpublished study prepared by Syngenta Crop Protection, Inc. 44 p. |
| 47111802 | Phelps, L. (2007) Physical and Chemical Properties of Thiamethoxam GR (0.22) (A11859G): (Thiamethoxam Lawn & Landscape 0.22G). Project Number: PC/07/024, 20829, P801. Unpublished study prepared by Syngenta Crop Protection. 44 p. |
| 47176502 | Sparrow, K. (2007) Physical and Chemical Properties of Thiamethoxam SG (75) (A9549C). Project Number: PC/07/018, 116863, 10123180/DOC. Unpublished study prepared by Syngenta Crop Protection. 68 p. |
| 47234702 | Phelps, L. (2007) Physical and Chemical Properties of Thiamethoxam/Lambda-cyhalothrin GR (A15008B): (Final Report). Project Number: PC/07/056, HT07/139. Unpublished study prepared by Syngenta Crop Science. 35 p. |
| 47246702 | Schilling, W. (2007) Physical and Chemical Properties of Difenoconazole/Thiamethoxam/Mefenoxam FS (A15424B). Project Number: PC/07/054. Unpublished study prepared by Syngenta Crop Protection, Inc. 34 p. |
| 47420902 | Sparrow, K. (2007) Thiamethoxam/ Chlorantraniliprole SC (200/100) (A15452B): Physical and Chemical Properties of Thiamethoxam/ Chlorantraniliprole SC (200/100) (A15452B). Project Number: PC/07/033, 116713, 10120367/DOC. Unpublished study prepared by Syngenta Crop Protection. 55 p. |
| 47424102 | Sparrow, K. (2007) Thiamethoxam/ Chlorantraniliprole WG (20/20) (A15645A): Physical and Chemical Properties of Thiamethoxam/ Chlorantraniliprole WG (20/20) (A15645A): (Final Report). Project Number: PC/07/035, 117206, HT07/056. Unpublished study prepared by Syngenta Crop Protection, Inc. 50 p. |
| 47424302 | Schilling, W. (2007) Thiamethoxam/ Abamectin FS (A16115A): Physical and Chemical Properties of Thiamethoxam/ Abamectin FS (A16115A). Project Number: PC/07/107, T003985/07, HT07/292. Unpublished study prepared by Syngenta Crop Protection, Inc. 34 p. |
| 47579602 | Sparrow, K. (2008) Lambda Cyhalothrin/Thiamethoxam ME (A16424B)-Physical and Chemical Properties. Project Number: PC/08/037. Unpublished study prepared by Syngenta Crop Protection. 34 p. |
| 47579704 | Sparrow, K. (2008) Lambda Cyhalothrin/Thiamethoxam ME (A16423B) - Physical and Chemical Properties - PC Volume. Project Number: PC/08/035, T001535/08, 10364091/DOC. Unpublished study prepared by Syngenta Crop Protection, Inc. 34 p. |
| 47618402 | Sparrow, K. (2007) Physical and Chemical Properties of Thiamethoxam GR (.2) (A16245A): (Meridian 0.20G). Project Number: PC/07/092, T002962/07, 10327966/DOC. Unpublished study prepared by Syngenta Crop Protection, Inc. 35 p. |
| 47642001 | Sparrow, K. (2007) Physical and Chemical Properties of Thiamethoxam GR (.14) (A16244A). Project Number: T002958/07, 10327955/DOC, PC/07/090. Unpublished study prepared by Syngenta Crop Protection. 35 p. |
| 47702702 | Irrig, H. (2009) Abamectin/Thiamethoxam SC (A15543C) - Physical and Chemical Properties. Project Number: PC/08/070, 10344637/DOC, T000176/08. Unpublished study prepared by Syngenta Crop Protection, Inc. 34 p. |
| 47722902 | Irrig, H. (2009) Abamectin/Thiamethoxam FS (A17015A) - Physical and Chemical Properties. Project Number: PC/09/028. Unpublished study prepared by Syngenta Crop Protection, Inc. 35 p. |
| 47914902 | Sparrow, K. (2009) Thiamethoxam Technical (CGA293343) - Physical and Chemical Properties. Project Number: PC/09/072. Unpublished study prepared by Syngenta Crop Protection, Inc. 8 p. |
| 47915413 | Edinburge, G. (2000) Specific for Registration Edition 1: Valid form 01-MAR-00 A11234A Agita CGA293343 (10). Unpublished study prepared by Novartis Animal Health US, Inc. 4 p. |
| 47919806 | Stulz, J. (2010) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane FS (036.9/030.7/009.5/008) (A17511B) - Physico-Chemical Studies of the Formulation. Project Number: A17511B/10035/OCR, PC/10/038, A17511B/10035. Unpublished study prepared by Syngenta Crop Protection, Inc. 40 p. |
| 47919815 | Stulz, J. (2010) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane FS: (036.9/030.7/009.5/008): (A17511B) - Document M-III, Section 1: Identity, Physical and Chemical Properties, Further Information and Proposed Classification. Project Number: A17511B/10013/OCR, PC/10/048, A17511B/10013. Unpublished study prepared by Syngenta Crop Protection, Inc. 36 p. |
| 47934702 | Sparrow, K. (2009) Difenoconazole/ Thiamethoxam/ Lambda Cyhalothrin ME RTU (A17570B): Physical and Chemical Properties. Project Number: PC/09/092, 28055. Unpublished study prepared by Syngenta Crop Protection, Inc. 24 p. |
| 47934903 | Sparrow, K. (2009) Difenoconazole/Thiamethoxam/Lambda Cyhalothrin ME Concentrate (A17571B) - Physical and Chemical Properties: PC Volume. Project Number: PC/09/094. Unpublished study prepared by Syngenta Crop Protection, Inc. 32 p. |
| 47962502 | Hipps, A. (2010) Thiamethoxam, Fludioxonil, Azoxystrobin, Mefenoxam: Cruiser Maxx Rice (A17469B): Physical and Chemical Properties. Project Number: PC/10/007, A17469B/50021, TK0016132. Unpublished study prepared by Syngenta Crop Protection, Inc. 34 p. |
| 47973302 | Sparrow, K. (2010) Thiamethoxam RB (.003) (A14116A): Physical and Chemical Properties. Project Number: PC/10/002/OCR, A14116A/50004. Unpublished study prepared by Syngenta Crop Protection, Inc. 25 p. |
| 48081702 | Hipps, A. (2010) Thiamethoxam/Fludioxonil/Mefenoxam/Azoxystrobin FS (A18046A): Physical and Chemical Properties. Project Number: PC/10/057/OCR, TK0025133. Unpublished study prepared by Syngenta Crop Protection, Inc. 33 p. |
| 48300803 | Hipps, A. (2010) Avicta Complete Corn 500 Premix (A18043A) - Physical and Chemical Properties. Project Number: PC/10/079, PC/10/079/OCR, TK0013667. Unpublished study prepared by Syngenta Crop Protection, Inc. and Syngenta Technology & Projects. 33 p. |
| 48342603 | Hipps, A. (2010) Avicta Complete Corn 250 Premix (A18112D) - Physical and Chemical Properties. Project Number: PC/10/101, TK0028455, 10433097/DOC. Unpublished study prepared by Syngenta Crop Protection, Inc., and Syngenta Technology & Projects. 33 p. |
| 48381502 | Sparrow, K. (2011) Azoxystrobin/Thiamethoxam GR (A18445A) - Physical and Chemical Properties. Project Number: PC/11/018. Unpublished study prepared by Syngenta Crop Protection, LLC. 36 p. |
| 48432502 | Born, R. (2011) Cyantraniliprole/ Thiamethoxam WG (A16901B)- Physico-Chemical Studies of the Formulation: PC Volume. Project Number: A16901B/10065, PC/11/057, 121400. Unpublished study prepared by Syngenta Crop Protection, LLC. 337 p. |
| 48491902 | Hipps, A. (2011) Cruiser Maxx + Thiabendazole (A18212C) - Physical and Chemical Properties. Project Number: PC/11/034/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 34 p. |
| 48506802 | Hipps, A. (2011) CruiserMaxx Potato Extreme (A18232A): Physical and Chemical Properties. Project Number: PC/11/043/OCR, A18232A/50018, TK0056213. Unpublished study prepared by Syngenta Crop Protection, LLC. 33 p. |
| 48540902 | Hipps, A. (2011) Thiamethoxam, Mefenoxam, Fludioxonil: THX/MXM/FDL Colorless (A18901A) - Physical and Chemical Properties. Project Number: PC/11/045, PC/11/045/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 34p. |
| 48579702 | Sparrow, K. (2011) Lambda-Cyhalothrin/Thiamethoxam SC (A18484A) - Physical and Chemical Properties. Project Number: TK0053837/OCR 10448118/DOC PC/11/016. Unpublished study prepared by Syngenta Crop Protection, LLC. 33p. |
| 48644002 | Hipps, A. (2011) Dynasty PD + Thiamethoxam (A17461A) - Physical and Chemical Properties. Project Number: PC/11/030, PC/11/030/OCR, TK0053458. Unpublished study prepared by Syngenta Crop Protection, LLC. 36p. |
| 48667601 | Sparrow, K. (2011) Abamectin/Thiamethoxam SC (A15913B) - Physical and Chemical Properties. Project Number: PC/11/055/OCR, 10375998/DOC, 10463525/DOC. Unpublished study prepared by Syngenta Crop Protection, LLC. 47p. |
| 48682402 | Hipps, A. (2012) Adage Deluxe (A19092D) - Physical and Chemical Properties. Project Number: PC/12/006/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 34p. |
| 48682502 | Hipps, A. (2012) Adage Premier (A19093D) - Physical and Chemical Properties. Project Number: PC/12/008/OCR, TK0103556, 10482243/DOC. Unpublished study prepared by Syngenta Crop Protection. 34p. |
| 48758402 | Hipps, A. (2012) SYT0113 (A19511A) - Physical and Chemical Properties. Project Number: PC/12/053, HT11/599/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC and Syngenta Huddersfield Manufacturing Center. 34p. |
| 48836002 | Hipps, A. (2012) Avicta Complete Beans 500 (A19409A) - Physical and Chemical Properties. Project Number: PC/12/027/OCR, TK0102734, 10488585/DOC. Unpublished study prepared by Syngenta Crop Protection. 34p. |
| 48836202 | Hipps, A. (2012) CruiserMaxx Supreme (A19094D) - Physical and Chemical Properties. Project Number: PC/12/010. Unpublished study prepared by Syngenta Crop Protection, LLC. 33p. |
| 48836402 | Sparrow, K. (2011) Lambda-Cyhalothrin/Thiamethoxam ZC (A18481A) - Physical and Chemical Properties. Project Number: PC/11/020/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 34p. |
| 49070401 | Hipps, A. (2013) Thiamethoxam/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxane FS: A19997A: Document M-III, Section 1: Identity, Physical and Chemical Properties, Further Information and Proposed Classification. Project Number: PC/13/015. Unpublished study prepared by Syngenta Crop Protection, LLC. 30p. |
| 49070403 | Hipps, A. (2013) Thiamethoxam/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxane FS (A19997A): Physical and Chemical Properties. Project Number: PC/13/017/OCR. Unpublished study prepared by Syngenta Huddersfield Manufacturing Center and Syngenta Crop Protection, LLC. 73p. |
| 49120202 | Hipps, A. (2013) Thiamethoxam/Difenoconazole/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxan: A20307A - Document MIII, Section 1: Product Chemistry. Project Number: TK0067821/OCR, PC/13/054. Unpublished study prepared by Syngenta Crop Protection, LLC. 37p. |
| 49120206 | Hipps, A. (2013) Thiamethoxam/Difenoconazole/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxan: A20307A - Physical-Chemical Studies of the Formulation. Project Number: TK0067821/OCR, PC/13/056. Unpublished study prepared by Syngenta Crop Protection, LLC. 68p. |
| 49282702 | Hipps, A. (2014) Abamectin/Thiamethoxam FS (A20703C) - Physical and Chemical Properties. Project Number: PC/14/013, TK0193416, TK0161960. Unpublished study prepared by Syngenta Crop Protection, LLC. 75p. |
| 49283007 | Hipps, A. (2014) Thiamethoxam/Fludioxonil/Difenoconazole/Sedaxane: A20588A - Physico-Chemical Studies of the Formulation: Product Chemistry Volume. Project Number: TK0193878, PC/14/007, TK0193488. Unpublished study prepared by Syngenta Crop Protection, LLC. 68p. |
| 49283014 | Hipps, A. (2014) Thiamethoxam/Fludioxonil/Difenoconazole/Sedaxane: A20588A - Document MIII, Section 1: Product Chemistry Volume. Project Number: TK0068469, PC/14/003. Unpublished study prepared by Syngenta Crop Protection, LLC. 32p. |
| 49326102 | Heuser, J. (2014) Lambda-cyhalothrin/Azoxystrobin/Propiconazole/Thiamethoxam ZE (A20007C) - Physical and Chemical Properties. Project Number: TK0215134, PC/13/088, TK0215126. Unpublished study prepared Syngenta Crop Protection, LLC. 73p. |
| 49383902 | Birchett (2014) Thiamethoxam/Mefenoxam/Fludioxonil/Thiabendazole/Sedaxane FS (A21073A) - Physical and Chemical Properties. Project Number: TK0224811, PC/14/034, USGR141158. Unpublished study prepared by Syngenta Crop Protection, LLC. 75p. |
| 49524307 | Hipps, A. (2015) Thiamethoxam/Metalaxyl-M and S-isomer (Mefenoxam)/Fludioxonil/Thiabendazole/Sedaxane: A21174B - Physico-Chemical Studies of the Formulation. Project Number: TK0149603, PC/15/003, USGR141468. Unpublished study prepared by Syngenta Crop Protection, LLC. 74p. |
| 49524315 | Hipps, A. (2015) Thiamethoxam/Metalaxyl-M and S-isomer (Mefenoxam)/Fludioxonil/Thiabendazole/Sedaxane: A21174B - Document MIII, Section 1. Project Number: TK0149603, PC/15/001, PC/15/003. Unpublished study prepared by Syngenta Crop Protection, LLC. 34p. |
| 49524402 | HiPPS, A. (2015) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane/Gibberellin A4/A7/Indolebutyric acid/Kinetin FS (A21185B) - Physical and Chemical Properties - Product Chemistry Volume. Project Number: TK0067181, PC/15/007, USGR141550. Unpublished study prepared by Syngenta Crop Protection, LLC. 45p. |
| 49712203 | Hipps, A. (2015) A20903A - Physico-Chemical Studies of Formulation. Project Number: PC/15/091. Unpublished study prepared by Syngenta Biosciences Pvt. Ltd., Syngenta Technology and Engineering and Syngenta Crop Protection Munchwilen AG. 151p. |
| 49712212 | Hipps, A. (2015) A20903A - Document MIII Section 1: Product Chemistry Volume. Project Number: PC/15/090. Unpublished study prepared by Syngenta Crop Protection, LLC. 33p. |
| 49713102 | Hipps, A. (2015) Pasteuria Nishizawae/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21324J - Physico-Chemical Studies of the Formulation, Product Chemistry Volume. Project Number: TK0201751, PC/15/070. Unpublished study prepared by Syngenta Crop Protection, LLC and Syngenta Technology and Engineering. 63p. |
| 49713115 | Hipps, A.; Phelps, L. (2015) Pasteuria Nishizawae/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21324J - Document MIII, Section 1, Product Chemistry Volume. Project Number: TK0201751, PC/15/069. Unpublished study prepared by Syngenta Crop Protection, LLC. 31p. |
| 49980502 | Hipps, A. (2016) Pasteuria nishizawae, Pn1/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21988B - Physico-Chemical Studies of the Formulation: Product Chemistry Volume. Project Number: TK0287649, PC/16/095, USGR160147. Unpublished study prepared by Syngenta Crop Protection, LLC and Syngenta Technology & Projects. 65p. |
| 49980509 | Hipps, A.; Phelps, L. (2016) Pasteuria nishizawae, Pn1/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21988B - Document MIII, Section 1: Product Chemistry Volume. Project Number: TK0287649, PC/16/092, PC/16/095. Unpublished study prepared by Syngenta Crop Protection, LLC. 31p. |
| 49984001 | O'Brien, L. (2016) Determination of Physical & Chemical Characteristics of F4189-1. Project Number: 2016PCP/THI2519, 00111, AP2016/006. Unpublished study prepared by Symbiotic Research, LLC. 226p. |
| 50424102 | Sparrow, K. (2017) A22353A - Physico-Chemical Studies of the Formulation: Product Chemistry Volume. Project Number: TK0236551, PC/17/063. Unpublished study prepared by Syngenta Crop Protection, LLC and Syngenta Technology & Engineering. 65p. |
| 50424115 | Sparrow, K. (2017) A22353A - Document MIII, Section 1: Product Chemistry Volume. Project Number: TK0236551, PC/17/061. Unpublished study prepared by Syngenta Crop Protection, LLC. 29p. |
| 50588202 | Hipps, A. (2018) A22388B - Physical-Chemical Property Studies of the Formulation. Project Number: PC/18/063. Unpublished study prepared by Syngenta Crop Protection, LLC. 62p. |
| 50588215 | Hipps, A. (2018) A22388B - Document MIII, Section 1 - Product Chemistry Volume. Project Number: PC/18/060. Unpublished study prepared by Syngenta Crop Protection, LLC. 26p. |
| 51030008 | Desai, H. (2007) pH of Thiamethoxam Technical. Project Number: 7090. Unpublished study prepared by Jai Research Foundation. 26p. |
| 51049106 | Desai, H. (2008) pH of Thiamethoxam 25% WDG. Project Number: 7279. Unpublished study prepared by Jai Research Foundation. 25p. |
| 51208502 | Prasad, S. (2020) Determination of Accelerated Storage Stability of Thiamethoxam 75% SG. Project Number: 20254. Unpublished study prepared by Palamur Biosciences Private Limited. 62p. |
| 51221103 | Hardie, R. (2020) Determination of Accelerated Storage Stability of Thiamethoxam 12.6% + Lambdacyhalothrin 9.48% ZC. Project Number: 20252. Unpublished study prepared by Palamur Biosciences Private Limited. 55p. |
| 51229002 | Sparrow, K.; Hipps, A. (2021) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane/Isocycloseram A23273A - Physical and Chemical Properties Product Chemistry Volume. Project Number: PC/21/032. Unpublished study prepared by Syngenta Crop Protection, LLC. 67p. |
| 51229102 | Sparrow, K.; Hipps, A. (2021) A23250A ¿ Physical and Chemical Properties: Product Chemistry Volume. Project Number: PC/21/034. Unpublished study prepared by Syngenta Crop Protection, LLC and Syngenta Technology & Projects. 67p. |
| 51288402 | Hipps, A. (2021) Picarbutrazox/Fludioxonil/Thiamethoxam/Metalaxyl-M & SIsomer/Sedaxane A23240B: Physical and Chemical Properties PC Volume. Project Number: PC/20/057. Unpublished study prepared by Syngenta Crop Protection, LLC. 52p. |
| 51438801 | Pastor, K. (2021) Thiamethoxam Technical: Summary of OCSPP 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/02S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51438803 | Wo, C. (2021) Thiamethoxam Technical: Physical and Chemical Characteristics: Color, Physical State, Odor, Stability to Normal and Elevated Temperatures, pH, and Bulk Density. Project Number: 54251, P804/TGAI. Unpublished study prepared by Product Safety Laboratories. 19p. |
| 51625701 | Pastor, K. (2021) ST Premix IPZ-4: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/12S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625703 | Aders, M. (2021) Physical and Chemical Characteristics of ST Premix IPZ-4: Final Report. Project Number: ARC/EX/2979/006/P/1, ARC/EX/2979. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 24p. |
| 51625801 | Pastor, K. (2021) Thiamethoxam 5L: Summary of OPPTS Series Product Properties Test Guidelines. Project Number: ALB21/13S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625803 | Aders, M. (2021) Physical and Chemical Characteristics of Thiamethoxam 5 ST: Final Report. Project Number: ARC/EX/3011/006/P/1, ARC/EX/3011. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 24p. |

### 830.7050       UV/Visible absorption

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 47914902 | Sparrow, K. (2009) Thiamethoxam Technical (CGA293343) - Physical and Chemical Properties. Project Number: PC/09/072. Unpublished study prepared by Syngenta Crop Protection, Inc. 8 p. |
| 50588215 | Hipps, A. (2018) A22388B - Document MIII, Section 1 - Product Chemistry Volume. Project Number: PC/18/060. Unpublished study prepared by Syngenta Crop Protection, LLC. 26p. |
| 51030009 | Vohra, Y. (2008) Spectra Analysis (IR, UV, and Mass) of Thiamethoxam Technical and Its Impurities. Project Number: 7294. Unpublished study prepared by Jai Research Foundation. 70p. |
| 51049110 | Shultz, K. (2020) Sharda Thiamethoxam 25% WDG Product Chemistry ¿ Group B: Request for Waiver for Certain Physical / Chemical Properties Data. Unpublished study prepared by Sharda USA LLC. 5p. |
| 51134213 | Shultz, K. (2020) Sharda Thiamethoxam 40% WDG: Product Chemistry - Group B: Request for Waiver for Certain Physical / Chemical Properties Data. Unpublished study prepared by Sharda USA LLC. 5p. |
| 51208504 | Shultz, K. (2020) Sharda Thiamethoxam 75% SG: Product Chemistry - Group B: Request for Waiver for Certain Physical/Chemical Properties Data. Unpublished study prepared by Sharda USA, LLC. 5p. |
| 51221104 | Hardie, R. (2020) Sharda Thiamethoxam 12.6% + Lambda 9.48% SC; ABN: Spiderman Product Chemistry - Group B: Request for Waiver for Certain Physical/Chemical Properties Data. Unpublished study prepared by Sharda USA, LLC. 5p. |
| 51438801 | Pastor, K. (2021) Thiamethoxam Technical: Summary of OCSPP 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/02S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625701 | Pastor, K. (2021) ST Premix IPZ-4: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/12S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625801 | Pastor, K. (2021) Thiamethoxam 5L: Summary of OPPTS Series Product Properties Test Guidelines. Project Number: ALB21/13S. Unpublished study prepared by Albaugh, LLC. 7p. |

### 830.7100       Viscosity

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46016908 | Hipps, A. (2003) Physical and Chemical Properties of CGA173506/CGA329351 328 FS (A13641B). Project Number: HT03/016, PC/03/026, HT3/017. Unpublished study prepared by Syngenta Crop Protection, Inc. 38 p. |
| 46308302 | Schilling, W. (2004) Physical and Chemical Properties of Fludioxonil/Thiamethoxam/Mefenoxam/Azoxystrobin FS (A14115A). Project Number: PC/04/022, T008906/03, T008911/03. Unpublished study prepared by Syngenta Crop Protection, Inc. 44 p. |
| 46412802 | Schilling, W. (2004) Physical and Chemical Properties of Thiamethoxam FS (600) (A9765N). Project Number: PC/04/092, T015923/04/LI, T015923/04. Unpublished study prepared by Syngenta Crop Protection, Inc. 43 p. |
| 46716302 | Brady, M. (2005) Physical and Chemical Properties of CruiserMaxx Potato Insecticide and Fungicide (A14382A): (Final Report). Project Number: PC/05/049, T004483/05, T004649/05. Unpublished study prepared by Syngenta Crop Protection, Inc. 65 p. |
| 47092502 | Schilling, W. (2006) Physical and Chemical Properties of Fludioxonil/Thiamenthoxam/Mefenoxam SE (012/240/8/035/9) (A14909E) [also referred to in this volume as CGA173506/CGA293343/CGA329351 SE (012/240/8/035/9)]. Project Number: PC/06/131, T003284/06, 10113451. Unpublished study prepared by Syngenta Crop Protection, Inc. 69 p. |
| 47111802 | Phelps, L. (2007) Physical and Chemical Properties of Thiamethoxam GR (0.22) (A11859G): (Thiamethoxam Lawn & Landscape 0.22G). Project Number: PC/07/024, 20829, P801. Unpublished study prepared by Syngenta Crop Protection. 44 p. |
| 47246702 | Schilling, W. (2007) Physical and Chemical Properties of Difenoconazole/Thiamethoxam/Mefenoxam FS (A15424B). Project Number: PC/07/054. Unpublished study prepared by Syngenta Crop Protection, Inc. 34 p. |
| 47420902 | Sparrow, K. (2007) Thiamethoxam/ Chlorantraniliprole SC (200/100) (A15452B): Physical and Chemical Properties of Thiamethoxam/ Chlorantraniliprole SC (200/100) (A15452B). Project Number: PC/07/033, 116713, 10120367/DOC. Unpublished study prepared by Syngenta Crop Protection. 55 p. |
| 47424302 | Schilling, W. (2007) Thiamethoxam/ Abamectin FS (A16115A): Physical and Chemical Properties of Thiamethoxam/ Abamectin FS (A16115A). Project Number: PC/07/107, T003985/07, HT07/292. Unpublished study prepared by Syngenta Crop Protection, Inc. 34 p. |
| 47579602 | Sparrow, K. (2008) Lambda Cyhalothrin/Thiamethoxam ME (A16424B)-Physical and Chemical Properties. Project Number: PC/08/037. Unpublished study prepared by Syngenta Crop Protection. 34 p. |
| 47579704 | Sparrow, K. (2008) Lambda Cyhalothrin/Thiamethoxam ME (A16423B) - Physical and Chemical Properties - PC Volume. Project Number: PC/08/035, T001535/08, 10364091/DOC. Unpublished study prepared by Syngenta Crop Protection, Inc. 34 p. |
| 47618402 | Sparrow, K. (2007) Physical and Chemical Properties of Thiamethoxam GR (.2) (A16245A): (Meridian 0.20G). Project Number: PC/07/092, T002962/07, 10327966/DOC. Unpublished study prepared by Syngenta Crop Protection, Inc. 35 p. |
| 47702702 | Irrig, H. (2009) Abamectin/Thiamethoxam SC (A15543C) - Physical and Chemical Properties. Project Number: PC/08/070, 10344637/DOC, T000176/08. Unpublished study prepared by Syngenta Crop Protection, Inc. 34 p. |
| 47722902 | Irrig, H. (2009) Abamectin/Thiamethoxam FS (A17015A) - Physical and Chemical Properties. Project Number: PC/09/028. Unpublished study prepared by Syngenta Crop Protection, Inc. 35 p. |
| 47919806 | Stulz, J. (2010) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane FS (036.9/030.7/009.5/008) (A17511B) - Physico-Chemical Studies of the Formulation. Project Number: A17511B/10035/OCR, PC/10/038, A17511B/10035. Unpublished study prepared by Syngenta Crop Protection, Inc. 40 p. |
| 47919815 | Stulz, J. (2010) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane FS: (036.9/030.7/009.5/008): (A17511B) - Document M-III, Section 1: Identity, Physical and Chemical Properties, Further Information and Proposed Classification. Project Number: A17511B/10013/OCR, PC/10/048, A17511B/10013. Unpublished study prepared by Syngenta Crop Protection, Inc. 36 p. |
| 47934702 | Sparrow, K. (2009) Difenoconazole/ Thiamethoxam/ Lambda Cyhalothrin ME RTU (A17570B): Physical and Chemical Properties. Project Number: PC/09/092, 28055. Unpublished study prepared by Syngenta Crop Protection, Inc. 24 p. |
| 47934903 | Sparrow, K. (2009) Difenoconazole/Thiamethoxam/Lambda Cyhalothrin ME Concentrate (A17571B) - Physical and Chemical Properties: PC Volume. Project Number: PC/09/094. Unpublished study prepared by Syngenta Crop Protection, Inc. 32 p. |
| 47962502 | Hipps, A. (2010) Thiamethoxam, Fludioxonil, Azoxystrobin, Mefenoxam: Cruiser Maxx Rice (A17469B): Physical and Chemical Properties. Project Number: PC/10/007, A17469B/50021, TK0016132. Unpublished study prepared by Syngenta Crop Protection, Inc. 34 p. |
| 47973302 | Sparrow, K. (2010) Thiamethoxam RB (.003) (A14116A): Physical and Chemical Properties. Project Number: PC/10/002/OCR, A14116A/50004. Unpublished study prepared by Syngenta Crop Protection, Inc. 25 p. |
| 48081702 | Hipps, A. (2010) Thiamethoxam/Fludioxonil/Mefenoxam/Azoxystrobin FS (A18046A): Physical and Chemical Properties. Project Number: PC/10/057/OCR, TK0025133. Unpublished study prepared by Syngenta Crop Protection, Inc. 33 p. |
| 48300803 | Hipps, A. (2010) Avicta Complete Corn 500 Premix (A18043A) - Physical and Chemical Properties. Project Number: PC/10/079, PC/10/079/OCR, TK0013667. Unpublished study prepared by Syngenta Crop Protection, Inc. and Syngenta Technology & Projects. 33 p. |
| 48342603 | Hipps, A. (2010) Avicta Complete Corn 250 Premix (A18112D) - Physical and Chemical Properties. Project Number: PC/10/101, TK0028455, 10433097/DOC. Unpublished study prepared by Syngenta Crop Protection, Inc., and Syngenta Technology & Projects. 33 p. |
| 48491902 | Hipps, A. (2011) Cruiser Maxx + Thiabendazole (A18212C) - Physical and Chemical Properties. Project Number: PC/11/034/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 34 p. |
| 48506802 | Hipps, A. (2011) CruiserMaxx Potato Extreme (A18232A): Physical and Chemical Properties. Project Number: PC/11/043/OCR, A18232A/50018, TK0056213. Unpublished study prepared by Syngenta Crop Protection, LLC. 33 p. |
| 48540902 | Hipps, A. (2011) Thiamethoxam, Mefenoxam, Fludioxonil: THX/MXM/FDL Colorless (A18901A) - Physical and Chemical Properties. Project Number: PC/11/045, PC/11/045/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 34p. |
| 48579702 | Sparrow, K. (2011) Lambda-Cyhalothrin/Thiamethoxam SC (A18484A) - Physical and Chemical Properties. Project Number: TK0053837/OCR 10448118/DOC PC/11/016. Unpublished study prepared by Syngenta Crop Protection, LLC. 33p. |
| 48667601 | Sparrow, K. (2011) Abamectin/Thiamethoxam SC (A15913B) - Physical and Chemical Properties. Project Number: PC/11/055/OCR, 10375998/DOC, 10463525/DOC. Unpublished study prepared by Syngenta Crop Protection, LLC. 47p. |
| 48682402 | Hipps, A. (2012) Adage Deluxe (A19092D) - Physical and Chemical Properties. Project Number: PC/12/006/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 34p. |
| 48682502 | Hipps, A. (2012) Adage Premier (A19093D) - Physical and Chemical Properties. Project Number: PC/12/008/OCR, TK0103556, 10482243/DOC. Unpublished study prepared by Syngenta Crop Protection. 34p. |
| 48758402 | Hipps, A. (2012) SYT0113 (A19511A) - Physical and Chemical Properties. Project Number: PC/12/053, HT11/599/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC and Syngenta Huddersfield Manufacturing Center. 34p. |
| 48836002 | Hipps, A. (2012) Avicta Complete Beans 500 (A19409A) - Physical and Chemical Properties. Project Number: PC/12/027/OCR, TK0102734, 10488585/DOC. Unpublished study prepared by Syngenta Crop Protection. 34p. |
| 48836202 | Hipps, A. (2012) CruiserMaxx Supreme (A19094D) - Physical and Chemical Properties. Project Number: PC/12/010. Unpublished study prepared by Syngenta Crop Protection, LLC. 33p. |
| 48836402 | Sparrow, K. (2011) Lambda-Cyhalothrin/Thiamethoxam ZC (A18481A) - Physical and Chemical Properties. Project Number: PC/11/020/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 34p. |
| 49070401 | Hipps, A. (2013) Thiamethoxam/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxane FS: A19997A: Document M-III, Section 1: Identity, Physical and Chemical Properties, Further Information and Proposed Classification. Project Number: PC/13/015. Unpublished study prepared by Syngenta Crop Protection, LLC. 30p. |
| 49120202 | Hipps, A. (2013) Thiamethoxam/Difenoconazole/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxan: A20307A - Document MIII, Section 1: Product Chemistry. Project Number: TK0067821/OCR, PC/13/054. Unpublished study prepared by Syngenta Crop Protection, LLC. 37p. |
| 49282702 | Hipps, A. (2014) Abamectin/Thiamethoxam FS (A20703C) - Physical and Chemical Properties. Project Number: PC/14/013, TK0193416, TK0161960. Unpublished study prepared by Syngenta Crop Protection, LLC. 75p. |
| 49283007 | Hipps, A. (2014) Thiamethoxam/Fludioxonil/Difenoconazole/Sedaxane: A20588A - Physico-Chemical Studies of the Formulation: Product Chemistry Volume. Project Number: TK0193878, PC/14/007, TK0193488. Unpublished study prepared by Syngenta Crop Protection, LLC. 68p. |
| 49283014 | Hipps, A. (2014) Thiamethoxam/Fludioxonil/Difenoconazole/Sedaxane: A20588A - Document MIII, Section 1: Product Chemistry Volume. Project Number: TK0068469, PC/14/003. Unpublished study prepared by Syngenta Crop Protection, LLC. 32p. |
| 49326102 | Heuser, J. (2014) Lambda-cyhalothrin/Azoxystrobin/Propiconazole/Thiamethoxam ZE (A20007C) - Physical and Chemical Properties. Project Number: TK0215134, PC/13/088, TK0215126. Unpublished study prepared Syngenta Crop Protection, LLC. 73p. |
| 49383902 | Birchett (2014) Thiamethoxam/Mefenoxam/Fludioxonil/Thiabendazole/Sedaxane FS (A21073A) - Physical and Chemical Properties. Project Number: TK0224811, PC/14/034, USGR141158. Unpublished study prepared by Syngenta Crop Protection, LLC. 75p. |
| 49524307 | Hipps, A. (2015) Thiamethoxam/Metalaxyl-M and S-isomer (Mefenoxam)/Fludioxonil/Thiabendazole/Sedaxane: A21174B - Physico-Chemical Studies of the Formulation. Project Number: TK0149603, PC/15/003, USGR141468. Unpublished study prepared by Syngenta Crop Protection, LLC. 74p. |
| 49524315 | Hipps, A. (2015) Thiamethoxam/Metalaxyl-M and S-isomer (Mefenoxam)/Fludioxonil/Thiabendazole/Sedaxane: A21174B - Document MIII, Section 1. Project Number: TK0149603, PC/15/001, PC/15/003. Unpublished study prepared by Syngenta Crop Protection, LLC. 34p. |
| 49524402 | HiPPS, A. (2015) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane/Gibberellin A4/A7/Indolebutyric acid/Kinetin FS (A21185B) - Physical and Chemical Properties - Product Chemistry Volume. Project Number: TK0067181, PC/15/007, USGR141550. Unpublished study prepared by Syngenta Crop Protection, LLC. 45p. |
| 49712203 | Hipps, A. (2015) A20903A - Physico-Chemical Studies of Formulation. Project Number: PC/15/091. Unpublished study prepared by Syngenta Biosciences Pvt. Ltd., Syngenta Technology and Engineering and Syngenta Crop Protection Munchwilen AG. 151p. |
| 49712212 | Hipps, A. (2015) A20903A - Document MIII Section 1: Product Chemistry Volume. Project Number: PC/15/090. Unpublished study prepared by Syngenta Crop Protection, LLC. 33p. |
| 49713102 | Hipps, A. (2015) Pasteuria Nishizawae/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21324J - Physico-Chemical Studies of the Formulation, Product Chemistry Volume. Project Number: TK0201751, PC/15/070. Unpublished study prepared by Syngenta Crop Protection, LLC and Syngenta Technology and Engineering. 63p. |
| 49713115 | Hipps, A.; Phelps, L. (2015) Pasteuria Nishizawae/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21324J - Document MIII, Section 1, Product Chemistry Volume. Project Number: TK0201751, PC/15/069. Unpublished study prepared by Syngenta Crop Protection, LLC. 31p. |
| 49980502 | Hipps, A. (2016) Pasteuria nishizawae, Pn1/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21988B - Physico-Chemical Studies of the Formulation: Product Chemistry Volume. Project Number: TK0287649, PC/16/095, USGR160147. Unpublished study prepared by Syngenta Crop Protection, LLC and Syngenta Technology & Projects. 65p. |
| 49980509 | Hipps, A.; Phelps, L. (2016) Pasteuria nishizawae, Pn1/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21988B - Document MIII, Section 1: Product Chemistry Volume. Project Number: TK0287649, PC/16/092, PC/16/095. Unpublished study prepared by Syngenta Crop Protection, LLC. 31p. |
| 49984001 | O'Brien, L. (2016) Determination of Physical & Chemical Characteristics of F4189-1. Project Number: 2016PCP/THI2519, 00111, AP2016/006. Unpublished study prepared by Symbiotic Research, LLC. 226p. |
| 50424115 | Sparrow, K. (2017) A22353A - Document MIII, Section 1: Product Chemistry Volume. Project Number: TK0236551, PC/17/061. Unpublished study prepared by Syngenta Crop Protection, LLC. 29p. |
| 51030016 | Shultz, K. (2019) Sharda Thiamethoxam Technical: Product Chemistry - Group B: Request for Waiver and Citation of Data for Certain Physical / Chemical Properties Data. Unpublished study prepared by Sharda Cropchem Limited. 5p. |
| 51049110 | Shultz, K. (2020) Sharda Thiamethoxam 25% WDG Product Chemistry ¿ Group B: Request for Waiver for Certain Physical / Chemical Properties Data. Unpublished study prepared by Sharda USA LLC. 5p. |
| 51134213 | Shultz, K. (2020) Sharda Thiamethoxam 40% WDG: Product Chemistry - Group B: Request for Waiver for Certain Physical / Chemical Properties Data. Unpublished study prepared by Sharda USA LLC. 5p. |
| 51208504 | Shultz, K. (2020) Sharda Thiamethoxam 75% SG: Product Chemistry - Group B: Request for Waiver for Certain Physical/Chemical Properties Data. Unpublished study prepared by Sharda USA, LLC. 5p. |
| 51221103 | Hardie, R. (2020) Determination of Accelerated Storage Stability of Thiamethoxam 12.6% + Lambdacyhalothrin 9.48% ZC. Project Number: 20252. Unpublished study prepared by Palamur Biosciences Private Limited. 55p. |
| 51229002 | Sparrow, K.; Hipps, A. (2021) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane/Isocycloseram A23273A - Physical and Chemical Properties Product Chemistry Volume. Project Number: PC/21/032. Unpublished study prepared by Syngenta Crop Protection, LLC. 67p. |
| 51229102 | Sparrow, K.; Hipps, A. (2021) A23250A ¿ Physical and Chemical Properties: Product Chemistry Volume. Project Number: PC/21/034. Unpublished study prepared by Syngenta Crop Protection, LLC and Syngenta Technology & Projects. 67p. |
| 51288402 | Hipps, A. (2021) Picarbutrazox/Fludioxonil/Thiamethoxam/Metalaxyl-M & SIsomer/Sedaxane A23240B: Physical and Chemical Properties PC Volume. Project Number: PC/20/057. Unpublished study prepared by Syngenta Crop Protection, LLC. 52p. |
| 51438801 | Pastor, K. (2021) Thiamethoxam Technical: Summary of OCSPP 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/02S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625701 | Pastor, K. (2021) ST Premix IPZ-4: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/12S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625703 | Aders, M. (2021) Physical and Chemical Characteristics of ST Premix IPZ-4: Final Report. Project Number: ARC/EX/2979/006/P/1, ARC/EX/2979. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 24p. |
| 51625801 | Pastor, K. (2021) Thiamethoxam 5L: Summary of OPPTS Series Product Properties Test Guidelines. Project Number: ALB21/13S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625803 | Aders, M. (2021) Physical and Chemical Characteristics of Thiamethoxam 5 ST: Final Report. Project Number: ARC/EX/3011/006/P/1, ARC/EX/3011. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 24p. |

### 830.7200       Melting point/melting range

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 47914902 | Sparrow, K. (2009) Thiamethoxam Technical (CGA293343) - Physical and Chemical Properties. Project Number: PC/09/072. Unpublished study prepared by Syngenta Crop Protection, Inc. 8 p. |
| 50588215 | Hipps, A. (2018) A22388B - Document MIII, Section 1 - Product Chemistry Volume. Project Number: PC/18/060. Unpublished study prepared by Syngenta Crop Protection, LLC. 26p. |
| 51030010 | Desai, H. (2007) Melting Point / Melting Range of Thiamethoxam Technical. Project Number: 7083. Unpublished study prepared by Jai Research Foundation. 25p. |
| 51049110 | Shultz, K. (2020) Sharda Thiamethoxam 25% WDG Product Chemistry ¿ Group B: Request for Waiver for Certain Physical / Chemical Properties Data. Unpublished study prepared by Sharda USA LLC. 5p. |
| 51134213 | Shultz, K. (2020) Sharda Thiamethoxam 40% WDG: Product Chemistry - Group B: Request for Waiver for Certain Physical / Chemical Properties Data. Unpublished study prepared by Sharda USA LLC. 5p. |
| 51208504 | Shultz, K. (2020) Sharda Thiamethoxam 75% SG: Product Chemistry - Group B: Request for Waiver for Certain Physical/Chemical Properties Data. Unpublished study prepared by Sharda USA, LLC. 5p. |
| 51221104 | Hardie, R. (2020) Sharda Thiamethoxam 12.6% + Lambda 9.48% SC; ABN: Spiderman Product Chemistry - Group B: Request for Waiver for Certain Physical/Chemical Properties Data. Unpublished study prepared by Sharda USA, LLC. 5p. |
| 51404503 | Karambelkar, N. (2010) Determination of Melting Point / Melting Range of Thiamethoxam Technical. Project Number: R/PCP1093/MP/10. Unpublished study prepared by Intox Private. Limited. 19p. |
| 51438801 | Pastor, K. (2021) Thiamethoxam Technical: Summary of OCSPP 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/02S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625701 | Pastor, K. (2021) ST Premix IPZ-4: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/12S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625801 | Pastor, K. (2021) Thiamethoxam 5L: Summary of OPPTS Series Product Properties Test Guidelines. Project Number: ALB21/13S. Unpublished study prepared by Albaugh, LLC. 7p. |

### 830.7220       Boiling point/boiling range

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 50588215 | Hipps, A. (2018) A22388B - Document MIII, Section 1 - Product Chemistry Volume. Project Number: PC/18/060. Unpublished study prepared by Syngenta Crop Protection, LLC. 26p. |
| 51030016 | Shultz, K. (2019) Sharda Thiamethoxam Technical: Product Chemistry - Group B: Request for Waiver and Citation of Data for Certain Physical / Chemical Properties Data. Unpublished study prepared by Sharda Cropchem Limited. 5p. |
| 51049110 | Shultz, K. (2020) Sharda Thiamethoxam 25% WDG Product Chemistry ¿ Group B: Request for Waiver for Certain Physical / Chemical Properties Data. Unpublished study prepared by Sharda USA LLC. 5p. |
| 51134213 | Shultz, K. (2020) Sharda Thiamethoxam 40% WDG: Product Chemistry - Group B: Request for Waiver for Certain Physical / Chemical Properties Data. Unpublished study prepared by Sharda USA LLC. 5p. |
| 51208504 | Shultz, K. (2020) Sharda Thiamethoxam 75% SG: Product Chemistry - Group B: Request for Waiver for Certain Physical/Chemical Properties Data. Unpublished study prepared by Sharda USA, LLC. 5p. |
| 51221104 | Hardie, R. (2020) Sharda Thiamethoxam 12.6% + Lambda 9.48% SC; ABN: Spiderman Product Chemistry - Group B: Request for Waiver for Certain Physical/Chemical Properties Data. Unpublished study prepared by Sharda USA, LLC. 5p. |
| 51438801 | Pastor, K. (2021) Thiamethoxam Technical: Summary of OCSPP 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/02S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625701 | Pastor, K. (2021) ST Premix IPZ-4: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/12S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625801 | Pastor, K. (2021) Thiamethoxam 5L: Summary of OPPTS Series Product Properties Test Guidelines. Project Number: ALB21/13S. Unpublished study prepared by Albaugh, LLC. 7p. |

### 830.7300       Density/relative density

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46016908 | Hipps, A. (2003) Physical and Chemical Properties of CGA173506/CGA329351 328 FS (A13641B). Project Number: HT03/016, PC/03/026, HT3/017. Unpublished study prepared by Syngenta Crop Protection, Inc. 38 p. |
| 46308302 | Schilling, W. (2004) Physical and Chemical Properties of Fludioxonil/Thiamethoxam/Mefenoxam/Azoxystrobin FS (A14115A). Project Number: PC/04/022, T008906/03, T008911/03. Unpublished study prepared by Syngenta Crop Protection, Inc. 44 p. |
| 46412802 | Schilling, W. (2004) Physical and Chemical Properties of Thiamethoxam FS (600) (A9765N). Project Number: PC/04/092, T015923/04/LI, T015923/04. Unpublished study prepared by Syngenta Crop Protection, Inc. 43 p. |
| 46709002 | Schilling, W. (2005) Physical and Chemical Properties of Fludioxonil/Thiamethoxam/Mefenoxam FS: (Final Report) (012.7/255.5/019.2) (A14379B); (CruiserMaxx). Project Number: 10064609, T003821/05, T003820/05. Unpublished study prepared by Syngenta Crop Protection. 55 p. |
| 46716302 | Brady, M. (2005) Physical and Chemical Properties of CruiserMaxx Potato Insecticide and Fungicide (A14382A): (Final Report). Project Number: PC/05/049, T004483/05, T004649/05. Unpublished study prepared by Syngenta Crop Protection, Inc. 65 p. |
| 46948103 | Phelps, L. (2006) Physical and Chemical Properties of A15236A. Project Number: PC/06/093, T001609/06, HT06/140. Unpublished study prepared by Syngenta Crop Protection, Inc. 60 p. |
| 46948702 | Phelps, L. (2006) Physical and Chemical Properties of A15277A: (Final Report). Project Number: PC/06/095. Unpublished study prepared by Syngenta Crop Protection, Inc. 60 p. |
| 47092502 | Schilling, W. (2006) Physical and Chemical Properties of Fludioxonil/Thiamenthoxam/Mefenoxam SE (012/240/8/035/9) (A14909E) [also referred to in this volume as CGA173506/CGA293343/CGA329351 SE (012/240/8/035/9)]. Project Number: PC/06/131, T003284/06, 10113451. Unpublished study prepared by Syngenta Crop Protection, Inc. 69 p. |
| 47111702 | Phelps, L. (2007) Physical and Chemical Properties of Thiamethoxam GR (0.33) (A12195E). Project Number: PC/07/022, 20832, CGA293343. Unpublished study prepared by Syngenta Crop Protection, Inc. 44 p. |
| 47111802 | Phelps, L. (2007) Physical and Chemical Properties of Thiamethoxam GR (0.22) (A11859G): (Thiamethoxam Lawn & Landscape 0.22G). Project Number: PC/07/024, 20829, P801. Unpublished study prepared by Syngenta Crop Protection. 44 p. |
| 47176502 | Sparrow, K. (2007) Physical and Chemical Properties of Thiamethoxam SG (75) (A9549C). Project Number: PC/07/018, 116863, 10123180/DOC. Unpublished study prepared by Syngenta Crop Protection. 68 p. |
| 47234702 | Phelps, L. (2007) Physical and Chemical Properties of Thiamethoxam/Lambda-cyhalothrin GR (A15008B): (Final Report). Project Number: PC/07/056, HT07/139. Unpublished study prepared by Syngenta Crop Science. 35 p. |
| 47246702 | Schilling, W. (2007) Physical and Chemical Properties of Difenoconazole/Thiamethoxam/Mefenoxam FS (A15424B). Project Number: PC/07/054. Unpublished study prepared by Syngenta Crop Protection, Inc. 34 p. |
| 47420902 | Sparrow, K. (2007) Thiamethoxam/ Chlorantraniliprole SC (200/100) (A15452B): Physical and Chemical Properties of Thiamethoxam/ Chlorantraniliprole SC (200/100) (A15452B). Project Number: PC/07/033, 116713, 10120367/DOC. Unpublished study prepared by Syngenta Crop Protection. 55 p. |
| 47424102 | Sparrow, K. (2007) Thiamethoxam/ Chlorantraniliprole WG (20/20) (A15645A): Physical and Chemical Properties of Thiamethoxam/ Chlorantraniliprole WG (20/20) (A15645A): (Final Report). Project Number: PC/07/035, 117206, HT07/056. Unpublished study prepared by Syngenta Crop Protection, Inc. 50 p. |
| 47424302 | Schilling, W. (2007) Thiamethoxam/ Abamectin FS (A16115A): Physical and Chemical Properties of Thiamethoxam/ Abamectin FS (A16115A). Project Number: PC/07/107, T003985/07, HT07/292. Unpublished study prepared by Syngenta Crop Protection, Inc. 34 p. |
| 47579602 | Sparrow, K. (2008) Lambda Cyhalothrin/Thiamethoxam ME (A16424B)-Physical and Chemical Properties. Project Number: PC/08/037. Unpublished study prepared by Syngenta Crop Protection. 34 p. |
| 47579704 | Sparrow, K. (2008) Lambda Cyhalothrin/Thiamethoxam ME (A16423B) - Physical and Chemical Properties - PC Volume. Project Number: PC/08/035, T001535/08, 10364091/DOC. Unpublished study prepared by Syngenta Crop Protection, Inc. 34 p. |
| 47618402 | Sparrow, K. (2007) Physical and Chemical Properties of Thiamethoxam GR (.2) (A16245A): (Meridian 0.20G). Project Number: PC/07/092, T002962/07, 10327966/DOC. Unpublished study prepared by Syngenta Crop Protection, Inc. 35 p. |
| 47642001 | Sparrow, K. (2007) Physical and Chemical Properties of Thiamethoxam GR (.14) (A16244A). Project Number: T002958/07, 10327955/DOC, PC/07/090. Unpublished study prepared by Syngenta Crop Protection. 35 p. |
| 47702702 | Irrig, H. (2009) Abamectin/Thiamethoxam SC (A15543C) - Physical and Chemical Properties. Project Number: PC/08/070, 10344637/DOC, T000176/08. Unpublished study prepared by Syngenta Crop Protection, Inc. 34 p. |
| 47722902 | Irrig, H. (2009) Abamectin/Thiamethoxam FS (A17015A) - Physical and Chemical Properties. Project Number: PC/09/028. Unpublished study prepared by Syngenta Crop Protection, Inc. 35 p. |
| 47914902 | Sparrow, K. (2009) Thiamethoxam Technical (CGA293343) - Physical and Chemical Properties. Project Number: PC/09/072. Unpublished study prepared by Syngenta Crop Protection, Inc. 8 p. |
| 47915417 | Patel, A. (2006) Bulk Density of Agita 10 WG A-11234-A. Project Number: 5747. Unpublished study prepared by Jai Research Foundation. 25 p. |
| 47919806 | Stulz, J. (2010) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane FS (036.9/030.7/009.5/008) (A17511B) - Physico-Chemical Studies of the Formulation. Project Number: A17511B/10035/OCR, PC/10/038, A17511B/10035. Unpublished study prepared by Syngenta Crop Protection, Inc. 40 p. |
| 47919815 | Stulz, J. (2010) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane FS: (036.9/030.7/009.5/008): (A17511B) - Document M-III, Section 1: Identity, Physical and Chemical Properties, Further Information and Proposed Classification. Project Number: A17511B/10013/OCR, PC/10/048, A17511B/10013. Unpublished study prepared by Syngenta Crop Protection, Inc. 36 p. |
| 47934702 | Sparrow, K. (2009) Difenoconazole/ Thiamethoxam/ Lambda Cyhalothrin ME RTU (A17570B): Physical and Chemical Properties. Project Number: PC/09/092, 28055. Unpublished study prepared by Syngenta Crop Protection, Inc. 24 p. |
| 47934903 | Sparrow, K. (2009) Difenoconazole/Thiamethoxam/Lambda Cyhalothrin ME Concentrate (A17571B) - Physical and Chemical Properties: PC Volume. Project Number: PC/09/094. Unpublished study prepared by Syngenta Crop Protection, Inc. 32 p. |
| 47962502 | Hipps, A. (2010) Thiamethoxam, Fludioxonil, Azoxystrobin, Mefenoxam: Cruiser Maxx Rice (A17469B): Physical and Chemical Properties. Project Number: PC/10/007, A17469B/50021, TK0016132. Unpublished study prepared by Syngenta Crop Protection, Inc. 34 p. |
| 47973302 | Sparrow, K. (2010) Thiamethoxam RB (.003) (A14116A): Physical and Chemical Properties. Project Number: PC/10/002/OCR, A14116A/50004. Unpublished study prepared by Syngenta Crop Protection, Inc. 25 p. |
| 48081702 | Hipps, A. (2010) Thiamethoxam/Fludioxonil/Mefenoxam/Azoxystrobin FS (A18046A): Physical and Chemical Properties. Project Number: PC/10/057/OCR, TK0025133. Unpublished study prepared by Syngenta Crop Protection, Inc. 33 p. |
| 48300803 | Hipps, A. (2010) Avicta Complete Corn 500 Premix (A18043A) - Physical and Chemical Properties. Project Number: PC/10/079, PC/10/079/OCR, TK0013667. Unpublished study prepared by Syngenta Crop Protection, Inc. and Syngenta Technology & Projects. 33 p. |
| 48342603 | Hipps, A. (2010) Avicta Complete Corn 250 Premix (A18112D) - Physical and Chemical Properties. Project Number: PC/10/101, TK0028455, 10433097/DOC. Unpublished study prepared by Syngenta Crop Protection, Inc., and Syngenta Technology & Projects. 33 p. |
| 48381502 | Sparrow, K. (2011) Azoxystrobin/Thiamethoxam GR (A18445A) - Physical and Chemical Properties. Project Number: PC/11/018. Unpublished study prepared by Syngenta Crop Protection, LLC. 36 p. |
| 48432502 | Born, R. (2011) Cyantraniliprole/ Thiamethoxam WG (A16901B)- Physico-Chemical Studies of the Formulation: PC Volume. Project Number: A16901B/10065, PC/11/057, 121400. Unpublished study prepared by Syngenta Crop Protection, LLC. 337 p. |
| 48491902 | Hipps, A. (2011) Cruiser Maxx + Thiabendazole (A18212C) - Physical and Chemical Properties. Project Number: PC/11/034/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 34 p. |
| 48506802 | Hipps, A. (2011) CruiserMaxx Potato Extreme (A18232A): Physical and Chemical Properties. Project Number: PC/11/043/OCR, A18232A/50018, TK0056213. Unpublished study prepared by Syngenta Crop Protection, LLC. 33 p. |
| 48540902 | Hipps, A. (2011) Thiamethoxam, Mefenoxam, Fludioxonil: THX/MXM/FDL Colorless (A18901A) - Physical and Chemical Properties. Project Number: PC/11/045, PC/11/045/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 34p. |
| 48579702 | Sparrow, K. (2011) Lambda-Cyhalothrin/Thiamethoxam SC (A18484A) - Physical and Chemical Properties. Project Number: TK0053837/OCR 10448118/DOC PC/11/016. Unpublished study prepared by Syngenta Crop Protection, LLC. 33p. |
| 48644002 | Hipps, A. (2011) Dynasty PD + Thiamethoxam (A17461A) - Physical and Chemical Properties. Project Number: PC/11/030, PC/11/030/OCR, TK0053458. Unpublished study prepared by Syngenta Crop Protection, LLC. 36p. |
| 48667601 | Sparrow, K. (2011) Abamectin/Thiamethoxam SC (A15913B) - Physical and Chemical Properties. Project Number: PC/11/055/OCR, 10375998/DOC, 10463525/DOC. Unpublished study prepared by Syngenta Crop Protection, LLC. 47p. |
| 48682402 | Hipps, A. (2012) Adage Deluxe (A19092D) - Physical and Chemical Properties. Project Number: PC/12/006/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 34p. |
| 48682502 | Hipps, A. (2012) Adage Premier (A19093D) - Physical and Chemical Properties. Project Number: PC/12/008/OCR, TK0103556, 10482243/DOC. Unpublished study prepared by Syngenta Crop Protection. 34p. |
| 48758402 | Hipps, A. (2012) SYT0113 (A19511A) - Physical and Chemical Properties. Project Number: PC/12/053, HT11/599/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC and Syngenta Huddersfield Manufacturing Center. 34p. |
| 48836002 | Hipps, A. (2012) Avicta Complete Beans 500 (A19409A) - Physical and Chemical Properties. Project Number: PC/12/027/OCR, TK0102734, 10488585/DOC. Unpublished study prepared by Syngenta Crop Protection. 34p. |
| 48836202 | Hipps, A. (2012) CruiserMaxx Supreme (A19094D) - Physical and Chemical Properties. Project Number: PC/12/010. Unpublished study prepared by Syngenta Crop Protection, LLC. 33p. |
| 48836402 | Sparrow, K. (2011) Lambda-Cyhalothrin/Thiamethoxam ZC (A18481A) - Physical and Chemical Properties. Project Number: PC/11/020/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 34p. |
| 49070401 | Hipps, A. (2013) Thiamethoxam/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxane FS: A19997A: Document M-III, Section 1: Identity, Physical and Chemical Properties, Further Information and Proposed Classification. Project Number: PC/13/015. Unpublished study prepared by Syngenta Crop Protection, LLC. 30p. |
| 49070403 | Hipps, A. (2013) Thiamethoxam/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxane FS (A19997A): Physical and Chemical Properties. Project Number: PC/13/017/OCR. Unpublished study prepared by Syngenta Huddersfield Manufacturing Center and Syngenta Crop Protection, LLC. 73p. |
| 49120202 | Hipps, A. (2013) Thiamethoxam/Difenoconazole/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxan: A20307A - Document MIII, Section 1: Product Chemistry. Project Number: TK0067821/OCR, PC/13/054. Unpublished study prepared by Syngenta Crop Protection, LLC. 37p. |
| 49120206 | Hipps, A. (2013) Thiamethoxam/Difenoconazole/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxan: A20307A - Physical-Chemical Studies of the Formulation. Project Number: TK0067821/OCR, PC/13/056. Unpublished study prepared by Syngenta Crop Protection, LLC. 68p. |
| 49282702 | Hipps, A. (2014) Abamectin/Thiamethoxam FS (A20703C) - Physical and Chemical Properties. Project Number: PC/14/013, TK0193416, TK0161960. Unpublished study prepared by Syngenta Crop Protection, LLC. 75p. |
| 49283007 | Hipps, A. (2014) Thiamethoxam/Fludioxonil/Difenoconazole/Sedaxane: A20588A - Physico-Chemical Studies of the Formulation: Product Chemistry Volume. Project Number: TK0193878, PC/14/007, TK0193488. Unpublished study prepared by Syngenta Crop Protection, LLC. 68p. |
| 49283014 | Hipps, A. (2014) Thiamethoxam/Fludioxonil/Difenoconazole/Sedaxane: A20588A - Document MIII, Section 1: Product Chemistry Volume. Project Number: TK0068469, PC/14/003. Unpublished study prepared by Syngenta Crop Protection, LLC. 32p. |
| 49326102 | Heuser, J. (2014) Lambda-cyhalothrin/Azoxystrobin/Propiconazole/Thiamethoxam ZE (A20007C) - Physical and Chemical Properties. Project Number: TK0215134, PC/13/088, TK0215126. Unpublished study prepared Syngenta Crop Protection, LLC. 73p. |
| 49383902 | Birchett (2014) Thiamethoxam/Mefenoxam/Fludioxonil/Thiabendazole/Sedaxane FS (A21073A) - Physical and Chemical Properties. Project Number: TK0224811, PC/14/034, USGR141158. Unpublished study prepared by Syngenta Crop Protection, LLC. 75p. |
| 49524307 | Hipps, A. (2015) Thiamethoxam/Metalaxyl-M and S-isomer (Mefenoxam)/Fludioxonil/Thiabendazole/Sedaxane: A21174B - Physico-Chemical Studies of the Formulation. Project Number: TK0149603, PC/15/003, USGR141468. Unpublished study prepared by Syngenta Crop Protection, LLC. 74p. |
| 49524315 | Hipps, A. (2015) Thiamethoxam/Metalaxyl-M and S-isomer (Mefenoxam)/Fludioxonil/Thiabendazole/Sedaxane: A21174B - Document MIII, Section 1. Project Number: TK0149603, PC/15/001, PC/15/003. Unpublished study prepared by Syngenta Crop Protection, LLC. 34p. |
| 49524402 | HiPPS, A. (2015) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane/Gibberellin A4/A7/Indolebutyric acid/Kinetin FS (A21185B) - Physical and Chemical Properties - Product Chemistry Volume. Project Number: TK0067181, PC/15/007, USGR141550. Unpublished study prepared by Syngenta Crop Protection, LLC. 45p. |
| 49712203 | Hipps, A. (2015) A20903A - Physico-Chemical Studies of Formulation. Project Number: PC/15/091. Unpublished study prepared by Syngenta Biosciences Pvt. Ltd., Syngenta Technology and Engineering and Syngenta Crop Protection Munchwilen AG. 151p. |
| 49712212 | Hipps, A. (2015) A20903A - Document MIII Section 1: Product Chemistry Volume. Project Number: PC/15/090. Unpublished study prepared by Syngenta Crop Protection, LLC. 33p. |
| 49713102 | Hipps, A. (2015) Pasteuria Nishizawae/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21324J - Physico-Chemical Studies of the Formulation, Product Chemistry Volume. Project Number: TK0201751, PC/15/070. Unpublished study prepared by Syngenta Crop Protection, LLC and Syngenta Technology and Engineering. 63p. |
| 49713115 | Hipps, A.; Phelps, L. (2015) Pasteuria Nishizawae/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21324J - Document MIII, Section 1, Product Chemistry Volume. Project Number: TK0201751, PC/15/069. Unpublished study prepared by Syngenta Crop Protection, LLC. 31p. |
| 49980502 | Hipps, A. (2016) Pasteuria nishizawae, Pn1/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21988B - Physico-Chemical Studies of the Formulation: Product Chemistry Volume. Project Number: TK0287649, PC/16/095, USGR160147. Unpublished study prepared by Syngenta Crop Protection, LLC and Syngenta Technology & Projects. 65p. |
| 49980509 | Hipps, A.; Phelps, L. (2016) Pasteuria nishizawae, Pn1/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21988B - Document MIII, Section 1: Product Chemistry Volume. Project Number: TK0287649, PC/16/092, PC/16/095. Unpublished study prepared by Syngenta Crop Protection, LLC. 31p. |
| 49984001 | O'Brien, L. (2016) Determination of Physical & Chemical Characteristics of F4189-1. Project Number: 2016PCP/THI2519, 00111, AP2016/006. Unpublished study prepared by Symbiotic Research, LLC. 226p. |
| 50424102 | Sparrow, K. (2017) A22353A - Physico-Chemical Studies of the Formulation: Product Chemistry Volume. Project Number: TK0236551, PC/17/063. Unpublished study prepared by Syngenta Crop Protection, LLC and Syngenta Technology & Engineering. 65p. |
| 50424115 | Sparrow, K. (2017) A22353A - Document MIII, Section 1: Product Chemistry Volume. Project Number: TK0236551, PC/17/061. Unpublished study prepared by Syngenta Crop Protection, LLC. 29p. |
| 50588202 | Hipps, A. (2018) A22388B - Physical-Chemical Property Studies of the Formulation. Project Number: PC/18/063. Unpublished study prepared by Syngenta Crop Protection, LLC. 62p. |
| 50588215 | Hipps, A. (2018) A22388B - Document MIII, Section 1 - Product Chemistry Volume. Project Number: PC/18/060. Unpublished study prepared by Syngenta Crop Protection, LLC. 26p. |
| 51030011 | Suratwala, T. (2007) Specific Gravity of Thiamethoxam Technical. Project Number: 7084. Unpublished study prepared by Jai Research Foundation. 26p. |
| 51049107 | Desai, H. (2008) Bulk Density of Thiamethoxam 25% WDG. Project Number: 7282. Unpublished study prepared by Jai Research Foundation. 25p. |
| 51134205 | Joseph, S. (2020) Determination of Density of Thiamethoxam 40% WDG: Final Report. Project Number: 6946/2019. Unpublished study prepared by Bioscience Research Foundation. 18p. |
| 51208502 | Prasad, S. (2020) Determination of Accelerated Storage Stability of Thiamethoxam 75% SG. Project Number: 20254. Unpublished study prepared by Palamur Biosciences Private Limited. 62p. |
| 51221103 | Hardie, R. (2020) Determination of Accelerated Storage Stability of Thiamethoxam 12.6% + Lambdacyhalothrin 9.48% ZC. Project Number: 20252. Unpublished study prepared by Palamur Biosciences Private Limited. 55p. |
| 51229002 | Sparrow, K.; Hipps, A. (2021) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane/Isocycloseram A23273A - Physical and Chemical Properties Product Chemistry Volume. Project Number: PC/21/032. Unpublished study prepared by Syngenta Crop Protection, LLC. 67p. |
| 51229102 | Sparrow, K.; Hipps, A. (2021) A23250A ¿ Physical and Chemical Properties: Product Chemistry Volume. Project Number: PC/21/034. Unpublished study prepared by Syngenta Crop Protection, LLC and Syngenta Technology & Projects. 67p. |
| 51288402 | Hipps, A. (2021) Picarbutrazox/Fludioxonil/Thiamethoxam/Metalaxyl-M & SIsomer/Sedaxane A23240B: Physical and Chemical Properties PC Volume. Project Number: PC/20/057. Unpublished study prepared by Syngenta Crop Protection, LLC. 52p. |
| 51438801 | Pastor, K. (2021) Thiamethoxam Technical: Summary of OCSPP 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/02S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51438803 | Wo, C. (2021) Thiamethoxam Technical: Physical and Chemical Characteristics: Color, Physical State, Odor, Stability to Normal and Elevated Temperatures, pH, and Bulk Density. Project Number: 54251, P804/TGAI. Unpublished study prepared by Product Safety Laboratories. 19p. |
| 51625701 | Pastor, K. (2021) ST Premix IPZ-4: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/12S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625703 | Aders, M. (2021) Physical and Chemical Characteristics of ST Premix IPZ-4: Final Report. Project Number: ARC/EX/2979/006/P/1, ARC/EX/2979. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 24p. |
| 51625801 | Pastor, K. (2021) Thiamethoxam 5L: Summary of OPPTS Series Product Properties Test Guidelines. Project Number: ALB21/13S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625803 | Aders, M. (2021) Physical and Chemical Characteristics of Thiamethoxam 5 ST: Final Report. Project Number: ARC/EX/3011/006/P/1, ARC/EX/3011. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 24p. |

### 830.7370       Dissociation constants in water

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 47914902 | Sparrow, K. (2009) Thiamethoxam Technical (CGA293343) - Physical and Chemical Properties. Project Number: PC/09/072. Unpublished study prepared by Syngenta Crop Protection, Inc. 8 p. |
| 50588215 | Hipps, A. (2018) A22388B - Document MIII, Section 1 - Product Chemistry Volume. Project Number: PC/18/060. Unpublished study prepared by Syngenta Crop Protection, LLC. 26p. |
| 51030016 | Shultz, K. (2019) Sharda Thiamethoxam Technical: Product Chemistry - Group B: Request for Waiver and Citation of Data for Certain Physical / Chemical Properties Data. Unpublished study prepared by Sharda Cropchem Limited. 5p. |
| 51049110 | Shultz, K. (2020) Sharda Thiamethoxam 25% WDG Product Chemistry ¿ Group B: Request for Waiver for Certain Physical / Chemical Properties Data. Unpublished study prepared by Sharda USA LLC. 5p. |
| 51134213 | Shultz, K. (2020) Sharda Thiamethoxam 40% WDG: Product Chemistry - Group B: Request for Waiver for Certain Physical / Chemical Properties Data. Unpublished study prepared by Sharda USA LLC. 5p. |
| 51208504 | Shultz, K. (2020) Sharda Thiamethoxam 75% SG: Product Chemistry - Group B: Request for Waiver for Certain Physical/Chemical Properties Data. Unpublished study prepared by Sharda USA, LLC. 5p. |
| 51221104 | Hardie, R. (2020) Sharda Thiamethoxam 12.6% + Lambda 9.48% SC; ABN: Spiderman Product Chemistry - Group B: Request for Waiver for Certain Physical/Chemical Properties Data. Unpublished study prepared by Sharda USA, LLC. 5p. |
| 51438801 | Pastor, K. (2021) Thiamethoxam Technical: Summary of OCSPP 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/02S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625701 | Pastor, K. (2021) ST Premix IPZ-4: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/12S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625801 | Pastor, K. (2021) Thiamethoxam 5L: Summary of OPPTS Series Product Properties Test Guidelines. Project Number: ALB21/13S. Unpublished study prepared by Albaugh, LLC. 7p. |

### 830.7520       Particle size, fiber length, and diameter distribution

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 47915424 | Patel, A. (2006) Particle Size Distribution of Agita 10 WG A-11234-A. Project Number: 5746. Unpublished study prepared by Jai Research Foundation. 33 p. |
| 51030016 | Shultz, K. (2019) Sharda Thiamethoxam Technical: Product Chemistry - Group B: Request for Waiver and Citation of Data for Certain Physical / Chemical Properties Data. Unpublished study prepared by Sharda Cropchem Limited. 5p. |
| 51049108 | Desai, H. (2008) Particle Size Distribution of Thiamethoxam 25% WDG. Project Number: 7289. Unpublished study prepared by Jai Research Foundation. 26p. |
| 51134213 | Shultz, K. (2020) Sharda Thiamethoxam 40% WDG: Product Chemistry - Group B: Request for Waiver for Certain Physical / Chemical Properties Data. Unpublished study prepared by Sharda USA LLC. 5p. |
| 51208504 | Shultz, K. (2020) Sharda Thiamethoxam 75% SG: Product Chemistry - Group B: Request for Waiver for Certain Physical/Chemical Properties Data. Unpublished study prepared by Sharda USA, LLC. 5p. |
| 51221104 | Hardie, R. (2020) Sharda Thiamethoxam 12.6% + Lambda 9.48% SC; ABN: Spiderman Product Chemistry - Group B: Request for Waiver for Certain Physical/Chemical Properties Data. Unpublished study prepared by Sharda USA, LLC. 5p. |
| 51438801 | Pastor, K. (2021) Thiamethoxam Technical: Summary of OCSPP 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/02S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625701 | Pastor, K. (2021) ST Premix IPZ-4: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/12S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625801 | Pastor, K. (2021) Thiamethoxam 5L: Summary of OPPTS Series Product Properties Test Guidelines. Project Number: ALB21/13S. Unpublished study prepared by Albaugh, LLC. 7p. |

### 830.7550       Partition coefficient (n-octanol/water), shake flask method

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 47914902 | Sparrow, K. (2009) Thiamethoxam Technical (CGA293343) - Physical and Chemical Properties. Project Number: PC/09/072. Unpublished study prepared by Syngenta Crop Protection, Inc. 8 p. |
| 50588215 | Hipps, A. (2018) A22388B - Document MIII, Section 1 - Product Chemistry Volume. Project Number: PC/18/060. Unpublished study prepared by Syngenta Crop Protection, LLC. 26p. |
| 51030012 | Patel, A. (2019) Partition Coefficient (n-Octanol / Water) of Thiamethoxam Technical. Project Number: 7089. Unpublished study prepared by Jai Research Foundation. 60p. |
| 51049110 | Shultz, K. (2020) Sharda Thiamethoxam 25% WDG Product Chemistry ¿ Group B: Request for Waiver for Certain Physical / Chemical Properties Data. Unpublished study prepared by Sharda USA LLC. 5p. |
| 51134213 | Shultz, K. (2020) Sharda Thiamethoxam 40% WDG: Product Chemistry - Group B: Request for Waiver for Certain Physical / Chemical Properties Data. Unpublished study prepared by Sharda USA LLC. 5p. |
| 51208504 | Shultz, K. (2020) Sharda Thiamethoxam 75% SG: Product Chemistry - Group B: Request for Waiver for Certain Physical/Chemical Properties Data. Unpublished study prepared by Sharda USA, LLC. 5p. |
| 51221104 | Hardie, R. (2020) Sharda Thiamethoxam 12.6% + Lambda 9.48% SC; ABN: Spiderman Product Chemistry - Group B: Request for Waiver for Certain Physical/Chemical Properties Data. Unpublished study prepared by Sharda USA, LLC. 5p. |
| 51404504 | Karambelkar, N. (2011) etermination of Partition Coefficient of Thiamethoxam Technical. Project Number: R/PCP1097/PCOE11. Unpublished study prepared by Intox Private Limited. 54p. |
| 51438801 | Pastor, K. (2021) Thiamethoxam Technical: Summary of OCSPP 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/02S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625801 | Pastor, K. (2021) Thiamethoxam 5L: Summary of OPPTS Series Product Properties Test Guidelines. Project Number: ALB21/13S. Unpublished study prepared by Albaugh, LLC. 7p. |

### 830.7560       Partition coefficient (n-octanol/water), generator column method

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 50588215 | Hipps, A. (2018) A22388B - Document MIII, Section 1 - Product Chemistry Volume. Project Number: PC/18/060. Unpublished study prepared by Syngenta Crop Protection, LLC. 26p. |
| 51049110 | Shultz, K. (2020) Sharda Thiamethoxam 25% WDG Product Chemistry ¿ Group B: Request for Waiver for Certain Physical / Chemical Properties Data. Unpublished study prepared by Sharda USA LLC. 5p. |
| 51134213 | Shultz, K. (2020) Sharda Thiamethoxam 40% WDG: Product Chemistry - Group B: Request for Waiver for Certain Physical / Chemical Properties Data. Unpublished study prepared by Sharda USA LLC. 5p. |
| 51208504 | Shultz, K. (2020) Sharda Thiamethoxam 75% SG: Product Chemistry - Group B: Request for Waiver for Certain Physical/Chemical Properties Data. Unpublished study prepared by Sharda USA, LLC. 5p. |
| 51221104 | Hardie, R. (2020) Sharda Thiamethoxam 12.6% + Lambda 9.48% SC; ABN: Spiderman Product Chemistry - Group B: Request for Waiver for Certain Physical/Chemical Properties Data. Unpublished study prepared by Sharda USA, LLC. 5p. |
| 51438801 | Pastor, K. (2021) Thiamethoxam Technical: Summary of OCSPP 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/02S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625701 | Pastor, K. (2021) ST Premix IPZ-4: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/12S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625801 | Pastor, K. (2021) Thiamethoxam 5L: Summary of OPPTS Series Product Properties Test Guidelines. Project Number: ALB21/13S. Unpublished study prepared by Albaugh, LLC. 7p. |

### 830.7570       Partition coefficient (n-octanol/water), estimation by liquid chromatography

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 50588215 | Hipps, A. (2018) A22388B - Document MIII, Section 1 - Product Chemistry Volume. Project Number: PC/18/060. Unpublished study prepared by Syngenta Crop Protection, LLC. 26p. |
| 51049110 | Shultz, K. (2020) Sharda Thiamethoxam 25% WDG Product Chemistry ¿ Group B: Request for Waiver for Certain Physical / Chemical Properties Data. Unpublished study prepared by Sharda USA LLC. 5p. |
| 51134213 | Shultz, K. (2020) Sharda Thiamethoxam 40% WDG: Product Chemistry - Group B: Request for Waiver for Certain Physical / Chemical Properties Data. Unpublished study prepared by Sharda USA LLC. 5p. |
| 51208504 | Shultz, K. (2020) Sharda Thiamethoxam 75% SG: Product Chemistry - Group B: Request for Waiver for Certain Physical/Chemical Properties Data. Unpublished study prepared by Sharda USA, LLC. 5p. |
| 51221104 | Hardie, R. (2020) Sharda Thiamethoxam 12.6% + Lambda 9.48% SC; ABN: Spiderman Product Chemistry - Group B: Request for Waiver for Certain Physical/Chemical Properties Data. Unpublished study prepared by Sharda USA, LLC. 5p. |
| 51438801 | Pastor, K. (2021) Thiamethoxam Technical: Summary of OCSPP 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/02S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625701 | Pastor, K. (2021) ST Premix IPZ-4: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/12S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625801 | Pastor, K. (2021) Thiamethoxam 5L: Summary of OPPTS Series Product Properties Test Guidelines. Project Number: ALB21/13S. Unpublished study prepared by Albaugh, LLC. 7p. |

### 830.7840       Water solubility: Column elution method, shake flask method

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 50588215 | Hipps, A. (2018) A22388B - Document MIII, Section 1 - Product Chemistry Volume. Project Number: PC/18/060. Unpublished study prepared by Syngenta Crop Protection, LLC. 26p. |
| 51030013 | Suratwala, T. (2008) Water Solubility of Thiamethoxam Technical. Project Number: 7085. Unpublished study prepared by Jai Research Foundation. 66p. |
| 51030014 | Vohra, Y. (2008) Solubility of Thiamethoxam Technical in Organic Solvents. Project Number: 7086. Unpublished study prepared by Jai Research Foundation. 72p. |
| 51049110 | Shultz, K. (2020) Sharda Thiamethoxam 25% WDG Product Chemistry ¿ Group B: Request for Waiver for Certain Physical / Chemical Properties Data. Unpublished study prepared by Sharda USA LLC. 5p. |
| 51134213 | Shultz, K. (2020) Sharda Thiamethoxam 40% WDG: Product Chemistry - Group B: Request for Waiver for Certain Physical / Chemical Properties Data. Unpublished study prepared by Sharda USA LLC. 5p. |
| 51208504 | Shultz, K. (2020) Sharda Thiamethoxam 75% SG: Product Chemistry - Group B: Request for Waiver for Certain Physical/Chemical Properties Data. Unpublished study prepared by Sharda USA, LLC. 5p. |
| 51221104 | Hardie, R. (2020) Sharda Thiamethoxam 12.6% + Lambda 9.48% SC; ABN: Spiderman Product Chemistry - Group B: Request for Waiver for Certain Physical/Chemical Properties Data. Unpublished study prepared by Sharda USA, LLC. 5p. |
| 51404505 | Karambelkar, N. (2011) Determination of Solubility of Thiamethoxam Technical in Water. Project Number: R/PCP1095/WSOL/11. Unpublished study prepared by Intox Private Limited. 37p. |
| 51404506 | Karambelkar, N. (2011) Determination of Solubility of Thiamethoxam Technical in Organic Solvents. Project Number: R/PCP1096/ORSOL/11. Unpublished study prepared by Intox Private Limited. 39p. |
| 51438801 | Pastor, K. (2021) Thiamethoxam Technical: Summary of OCSPP 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/02S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625701 | Pastor, K. (2021) ST Premix IPZ-4: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/12S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625801 | Pastor, K. (2021) Thiamethoxam 5L: Summary of OPPTS Series Product Properties Test Guidelines. Project Number: ALB21/13S. Unpublished study prepared by Albaugh, LLC. 7p. |

### 830.7860       Water solubility, generator column method

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 50588215 | Hipps, A. (2018) A22388B - Document MIII, Section 1 - Product Chemistry Volume. Project Number: PC/18/060. Unpublished study prepared by Syngenta Crop Protection, LLC. 26p. |
| 51049110 | Shultz, K. (2020) Sharda Thiamethoxam 25% WDG Product Chemistry ¿ Group B: Request for Waiver for Certain Physical / Chemical Properties Data. Unpublished study prepared by Sharda USA LLC. 5p. |
| 51134213 | Shultz, K. (2020) Sharda Thiamethoxam 40% WDG: Product Chemistry - Group B: Request for Waiver for Certain Physical / Chemical Properties Data. Unpublished study prepared by Sharda USA LLC. 5p. |
| 51208504 | Shultz, K. (2020) Sharda Thiamethoxam 75% SG: Product Chemistry - Group B: Request for Waiver for Certain Physical/Chemical Properties Data. Unpublished study prepared by Sharda USA, LLC. 5p. |
| 51221104 | Hardie, R. (2020) Sharda Thiamethoxam 12.6% + Lambda 9.48% SC; ABN: Spiderman Product Chemistry - Group B: Request for Waiver for Certain Physical/Chemical Properties Data. Unpublished study prepared by Sharda USA, LLC. 5p. |
| 51438801 | Pastor, K. (2021) Thiamethoxam Technical: Summary of OCSPP 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/02S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625701 | Pastor, K. (2021) ST Premix IPZ-4: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/12S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625801 | Pastor, K. (2021) Thiamethoxam 5L: Summary of OPPTS Series Product Properties Test Guidelines. Project Number: ALB21/13S. Unpublished study prepared by Albaugh, LLC. 7p. |

### 830.7950       Vapor pressure

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 47946702 | Witcher, M. (2009) Abamectin and Thiamethoxam: A Laboratory Simulation to Determine the Level of Abamectin in the Mixer/Loader's Breathing Zone While Pouring Concentrated Formulations of Abamectin (A15368D and A15543C) from the Commercial Container into a Mix Tank: Final Report. Project Number: TK0024125. Unpublished study prepared by Syngenta Crop Protection, Inc. 14 p. |
| 50588215 | Hipps, A. (2018) A22388B - Document MIII, Section 1 - Product Chemistry Volume. Project Number: PC/18/060. Unpublished study prepared by Syngenta Crop Protection, LLC. 26p. |
| 51030015 | Vohra, Y. (2007) Vapour Pressure of Thiamethoxam Technical. Project Number: 7087. Unpublished study prepared by Jai Research Foundation. 35p. |
| 51049110 | Shultz, K. (2020) Sharda Thiamethoxam 25% WDG Product Chemistry ¿ Group B: Request for Waiver for Certain Physical / Chemical Properties Data. Unpublished study prepared by Sharda USA LLC. 5p. |
| 51134213 | Shultz, K. (2020) Sharda Thiamethoxam 40% WDG: Product Chemistry - Group B: Request for Waiver for Certain Physical / Chemical Properties Data. Unpublished study prepared by Sharda USA LLC. 5p. |
| 51208504 | Shultz, K. (2020) Sharda Thiamethoxam 75% SG: Product Chemistry - Group B: Request for Waiver for Certain Physical/Chemical Properties Data. Unpublished study prepared by Sharda USA, LLC. 5p. |
| 51221104 | Hardie, R. (2020) Sharda Thiamethoxam 12.6% + Lambda 9.48% SC; ABN: Spiderman Product Chemistry - Group B: Request for Waiver for Certain Physical/Chemical Properties Data. Unpublished study prepared by Sharda USA, LLC. 5p. |
| 51404507 | Karambelkar, N. (2011) Determination of Vapour Pressure of Thiamethoxam Technical. Project Number: R/PCP1094/VP/11. Unpublished study prepared by Intox Private Limited. 43p. |
| 51438801 | Pastor, K. (2021) Thiamethoxam Technical: Summary of OCSPP 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/02S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625701 | Pastor, K. (2021) ST Premix IPZ-4: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB21/12S. Unpublished study prepared by Albaugh, LLC. 7p. |
| 51625801 | Pastor, K. (2021) Thiamethoxam 5L: Summary of OPPTS Series Product Properties Test Guidelines. Project Number: ALB21/13S. Unpublished study prepared by Albaugh, LLC. 7p. |

### 835.1210       Soil thin layer chromatography

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 49950101 | Lange, B.; Rice, F. (2016) Thiamexthoxam 75SG (A9549C) - Magnitude of Residues in Leaves, Flowers, Pollen, and Nectar of Citrus After Soil Application with Platinum 75SG in California: Interim Report. Project Number: TK0177221, S14/00132. Unpublished study prepared by Eurofins Agroscience Services, Inc. and EPL Bio-Analytical Services (EPL-BAS). 274p. |

### 835.2120       Hydrolysis of parent and degradates as a function of pH at 25 C

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 50588215 | Hipps, A. (2018) A22388B - Document MIII, Section 1 - Product Chemistry Volume. Project Number: PC/18/060. Unpublished study prepared by Syngenta Crop Protection, LLC. 26p. |

### 835.2240       Direct photolysis rate of parent and degradates in water

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 50588215 | Hipps, A. (2018) A22388B - Document MIII, Section 1 - Product Chemistry Volume. Project Number: PC/18/060. Unpublished study prepared by Syngenta Crop Protection, LLC. 26p. |

### 835.2370       Photodegradation of parent and degradates in air

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 50588215 | Hipps, A. (2018) A22388B - Document MIII, Section 1 - Product Chemistry Volume. Project Number: PC/18/060. Unpublished study prepared by Syngenta Crop Protection, LLC. 26p. |

### 835.4100       Aerobic soil metabolism

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 49589503 | Cadalbert, R.; Glanzel, A. (2002) Thiamethoxam: Rate of Degradation of [Thiazol-2-C(14)]-Labelled CGA293343 and of [Imidazolidin-2-(Carbon 14)]-Labelled CGA256084 in Gartenacker Soil under Aerobic Laboratory Condition at 20 Degree Celsius: Final Report. Project Number: 01RC01, TK0192032. Unpublished study prepared by Syngenta Crop Protection AG. 77p. |
| 49589504 | Fent, G.; Hein, W.; Dorn, R. (2001) Thiamethoxam: Rate of Degradation [Oxidiazin-4-(Carbon 14)]-CGA293343 in Birkenheide Soil: Final Report. Project Number: NOV16, TK0192031. Unpublished study prepared by Staatilche Lehr-und Forschungsanstalt fur Landwirtschaft Weinbau und Gartenbau (Staatilche Teaching and Research Institution for Agriculture, Viticulture and Horticulture) (SLFA). 55p. |
| 49589505 | Adam, D. (1999) Thiamethoxam: Degradation of (Carbon 14)-Thiazole Labelled CGA293343 and its Major Metabolite CGA322704 (C(14)-Thiazole Labelled) in Borstel Soil under Aerobic Conditions at 20 Degree Celsius: Final Report. Project Number: 99DA01, TK0192030. Unpublished study prepared by Novartis Crop Protection AG. 73p. |
| 49589506 | Adam, D. (1996) Thiamethoxam: Degradation of (Carbon 14)-Thiazole Labelled CGA293343 in Various Soils under Laboratory Conditions: Final Report. Project Number: 95DA03, TK0192029. Unpublished study prepared by Ciba-Geigy Limted. 70p. |
| 49589507 | Phaff, R. (1997) Thiamethoxam: Rate of Degradation of CGA293343 in Soil under Various Conditions: Final Report. Project Number: 95PR03, TK0192027. Unpublished study prepared by Novartis Crop Protection AG. 64p. |

### 835.4200       Anaerobic soil metabolism

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 49829901 | Gartner, C. (2015) Thiamethoxam - Anaerobic Soil Degradation in One Soil; Final Report. Project Number: 04/22/2015. Unpublished study prepared by Fraunhofer Institute for Molecular Biology and Applied Ecology. 123p. |
| 49829902 | Gartner, C. (2015) Thiamethoxam - Anaerobic Soil Metabolism of 14C-Thiamethoxam: Final Report. Project Number: SYN/008/7/91, TK0096166. Unpublished study prepared by Fraunhofer Institute for Molecular Biology and Applied Ecology. 204p. |

### 835.4300       Aerobic aquatic metabolism

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 49589509 | Kang, S. (2015) Thiamethoxam - Aerobic Aquatic Sediment Metabolism of [Oxadiazine-4-C(14)]-Thiamethoxam and [Thiazole-2-(Carbon 14)]-Thiamethoxam: Final Report. Project Number: 1781/6965, TK0166624. Unpublished study prepared by Smithers Viscient Laboratories. 155p. |

### 835.4400       Anaerobic aquatic metabolism

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 49589508 | Kang, S. (2015) Thiamethoxam - Anaerobic Aquatic Sediment Metabolism of [Thiazole-2-(Carbon 14)]-Thiamethoxam and [Oxadiazine-4-(Carbon 14)]-Thiamethoxam: Final Report. Project Number: 1781/6966, TK0166629. Unpublished study prepared by Smithers Viscient Laboratories. 152p. |

### 835.6100       Terrestrial field dissipation

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 48432525 | Wiepke, T.; Jacobson, B.; Vogl, E. (2011) Dissipation of SYN545377 WG (40) and G (0.23) Formulations in a Warm-Season Turf in the Coastal Plain of Georgia: Final Report. Project Number: TK0016801, DUPONT/30349, WATERB/796/18. Unpublished study prepared by Syngenta Crop Protection, LLC., Agvise Laboratories, Inc. and ABC Laboratories, Inc. 393 p. |
| 48432526 | Wiepke, T.; Jacobson, B.; Vogl, E. (2011) Dissipation of SYN545377 WG (40) in a Cool-Season Turf in the Finger Lakes Region of New York: Final Report. Project Number: TK0016800, DUPONT/30350, WATERB/796/17. Unpublished study prepared by Syngenta Crop Protection, LLC, Agvise Laboratories, Inc. and ABC Laboratories, Inc. 317 p. |
| 50265301 | Hampton, R.; Jacobson, B.; Brown, S. (2013) Thiamethoxam (A9549C and A9584) - Dissipation of Thiamethoxam Applied In-Furrow at Spinach Planting and as a Foliar Application in the Central Valley of California: Final Report. Project Number: TK0014199, 796/33, 66878. Unpublished study prepared by Morse Laboratories, Inc, Waterborne Environmental, Inc., Agvise Laboratories, ABC Laboratories, Inc. 1390p. |

### 835.6200       Aquatic field dissipation

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 49178801 | Hampton, R.; Newcombe, A. (2013) Thiamethoxam 5FS and 25WG (A9765N and A9584C) - Aquatic Dissipation of Thiamethoxam Under Dry-Seeded Rice Production in California after Application as a Seed Treatment and Foliar Spray: Final Report. Project Number: TK0026893/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 1206p. |
| 49178802 | Hampton, R.; Newcombe, A. (2013) Thiamethoxam 5FS and 25WG (A9765N and A9584C) - Aquatic Dissipation of Thiamethoxam Under Dry-Seeded Rice Production in Louisiana after Application as a Seed Treatment and Foliar Spray: Final Report. Project Number: TK0021630/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC., Arcadis U.S., Inc. and Agvise Laboratories, Inc. 1232p. |

### 835.7100       Ground water monitoring

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 47486201 | Wiepke, T.; Newcombe, A.; Mayer, T.; et al. (2008) Thiamethoxam: A Small-Scale Prospective Groundwater Monitoring Study for Platinum 2SC (Thiamethoxam, CGA-293343) in St. Joseph County, Michigan: Final Report. Project Number: T001517/01. Unpublished study prepared by Syngenta Crop Protection, LFR, Inc. and Agvise Laboratories. 1373 p. |

### 840.1200       Spray drift field deposition

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 51128201 | Perine, J. (2018) Thiamethoxam Actara (A9584C) - Spray Drift Deposition Study for Actara Formulation on Bare Soil: Final Report. Project Number: TK0364178. Unpublished Study Prepared by Syngenta Crop Protection. 285p. |

### 850.1010       Aquatic invertebrate acute toxicity, test, freshwater daphnids

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 48432528 | Kuhl, R.; Wydra, V. (2010) Cyantraniliprole/ Thiamethoxam WG (A16901B) - Acute Toxicity to Daphnia magna in a Static 48-hour Immobilisation Test: Final Report. Project Number: TK0005999, 55833220. Unpublished study prepared by Institut fuer Biologische Analytik und Consulting IBACON. 37 p. |

### 850.1075       Fish acute toxicity test, freshwater and marine

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 48432527 | Kuhl, R.; Wydra, V. (2010) Cyantraniliprole/ Thiamethoxam WG (A16901B) - Acute Toxicity to Rainbow Trout (Oncorhynchus mykiss) in a 96-hour Static Limit-Test: Final Report. Project Number: TK0005998, 55834230. Unpublished study prepared by Institut fuer Biologische Analytik und Consulting IBACON. 33 p. |
| 49226703 | Urann, K. (2012) Abamectin - Acute Toxicity Test with Sheepshead Minnow (Cyprinodon variegatus) Under Static-Renewal Conditions: Final Report. Project Number: TK0041692, 1781/6821. Unpublished study prepared by Smithers Viscient Laboratories. 40p. |
| 49226704 | Urann, K. (2012) Abamectin - Acute Toxicity to Rainbow Trout (Oncorhynchus mykiss) Under Static-Renewal Conditions: Final Report. Project Number: TK0066288, 1781/6817. Unpublished study prepared by Smithers Viscient Laboratories. 39p. |

### 850.1350       Mysid chronic toxicity test

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 49589510 | Sayers, L. (2015) Thiamethoxam - Life-Cycle Toxicity Test with Mysids (Americamysis bahia): Final Report. Project Number: 1781/7004, TK0185213. Unpublished study prepared by Smithers Viscient Laboratories. 102p. |

### 850.1400       Fish early-life stage toxicity test

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 49589511 | Sayers, L. (2015) Thiamethoxam - Early Life-Stage Toxicity Test with Sheepshead Minnow, cyprinodon variegatus: Final Report. Project Number: 1781/7005, TK0185214. Unpublished study prepared by Smithers Viscient Laboratories. 57p. |

### 850.2100       Avian acute oral toxicity test

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 49025801 | Hubbard, P.; Beavers, J. (2012) Thiamethoxam - An Acute Oral Toxicity Study with the House Sparrow Using a Sequential Testing Procedure: Final Report. Project Number: 528/368, TK0011995. Unpublished study prepared by Wildlife International, Ltd. 44p. |
| 49755701 | Hubbard, P.; Frey, L. (2015) Thiamethoxam - An Acute oral Toxicity Study with the Canary Using a Sequential Testing Procedure: Final Report. Project Number: 528B/462, TK0258262. Unpublished study prepared by Wildlife International, Ltd. 47p. |

### 850.3020       Honey bee acute contact toxicity

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 48432530 | Sekine, T. (2011) Cyantraniliprole/ Thiamethoxam WG (A16901B) - Acute Oral and Contact Toxicity on Honey Bees (Apis mellifera L.): Final Report Amendment 2. Project Number: TK0005990, 55831035. Unpublished study prepared by Institut fuer Biologische Analytik und Consulting IBACON. 35 p. |
| 48921601 | Fischer, D. (2012) Investigation of a May 1, 2012 Bee Kill Incident Hypothesized to be Associated with Planting of Insecticide-treated Maize Seed near Elbow Lake, Minnesota: Final Report. Unpublished study prepared by Bayer CropScience LP. 55p. |
| 49950103 | Warmers, C. (2007) Chlorantraniliprole/Thiamethoxam SC (A15452B): Acute Oral and Contact Toxicity to the Honeybee Apis mellifera L. in the Laboratory: Final Report. Project Number: 20061482/S1/BLEU, T008432/05, A15452B. Unpublished study prepared by Eurofins-GAB GmbH. 30p. |
| 49950104 | Warmers, C. (2007) Chlorantraniliprole/Thiamethoxam WG (A15645A): Acute Oral and Contact Toxicity to the Honeybee Apis mellifera L. in the Laboratory: Final Report. Project Number: 20071079/S1/BLEU, T002945/06, A15645A. Unpublished study prepared by Eurofins-GAB GmbH. 31p. |
| 49950105 | Vinall, S. (2007) Thiamethoxam SC (A9795B): Rate-Response Laboratory Bioassays to Determine Acute Contact and Oral Toxicity on the Honeybee Apis mellifera: Final Report. Project Number: SYN/07/3, YN/07/3, T010143/06. Unpublished study prepared by Mambo-Tox, Ltd. 36p. |
| 49950106 | Patnaude, M. (2007) Actara 75WG (A-9549C): Acute Contact Toxicity Test with the Honey Bee (Apis mellifera), Following EPPO Guideline 170 (2000) and OECD Guideline 214: Final Report. Project Number: 1781/6690, T002725/07. Unpublished study prepared by Springborn Smithers Laboratories. 31p. |
| 49950109 | Reber, B. (1998) CGA293343: Acute Contact LD50 of CGA293343 WG 25 (A-9584 C) to the Bumble Bee Bombus Terrestris L.: Final Report. Project Number: 98HU04, TK0309632. Unpublished study prepared by Novartis Crop Protection. 42p. |
| 49950111 | Muniz, T. (2011) Thiamethoxam WG (A9584C): Honeybees (Apis mellifera) Acute Contact Toxicity Test: Final Report. Project Number: RL105997AB/B, 10059/2011/3/0AB, TK0061089. Unpublished study prepared by TECAM Tecnologia Ambiental Ltda. 25p. |
| 49950114 | Romanelli, M. (2009) Thiamethoxam: Honeybees (Apis mellifera), Acute Contact Toxicity Test for Cruiser 600 FS: Final Report Amendment 1. Project Number: RL760/2008/4/0B/B, 760/2008/4/0AB, TK0309633. Unpublished study prepared by TECAM Tecnologia Ambiental Ltda. 29p. |
| 49950116 | Kranzfelder, J. (1999) Thiamethoxam: Acute Oral and Contact Toxicity of CGA293343 (A12005B) to the Honeybee, Apis mellifera: Final Report. Project Number: 45479, 982680, T000518/99. Unpublished study prepared by ABC Laboratories, Inc. Unpublished study prepared by ABC Laboratories, Inc. 39p. |
| 49950117 | Kling, A. (2010) Thiamethoxam/Metalaxyl-M/Fludioxonil FS (A9807C): Acute Oral and Contact Toxicity to the Honeybee Apis mellifera L. in the Laboratory: Final Report. Project Number: S10/03070, TK0040573. Unpublished study prepared by Eurofins Agroscience Services GmbH. 35p. |
| 49950119 | Kao, S. (1999) CGA293343: Toxicity of ACTARA (Thiamethoxam) 25% WG to Adults of Honey Bee (Apis mellifera) by Spray Method: Final Report. Project Number: 99BESO6E, TK0309631. Unpublished study prepared by Taiwan Agricultural Chemicals and Toxic Substances Research Institute. 10p. |
| 49950121 | Chen, G. (2008) Thiamethoxam WS (A9567B): Acute Contact Toxicity Test in Bee (Apis mellifera L.): Summary. Project Number: H083230498, TK0309630. Unpublished study prepared by Supervision and Test Center for Pesticide Safety Evaluation and Quality Control. 4p. |
| 49950125 | Kling, A. (2009) Thiamethoxam (A9700B, A9584C): Oral and Contact Toxicity of Maize Dust Containing A9700B and Actara (9584C) to the Honey Bee Apis mellifera L.: Final Report Amendment 1. Project Number: S0902683, TK0005519. Unpublished study prepeared by Eurofins-GAB GmbH. 41p. |

### 850.3030       Honey bee toxicity of residues on foliage

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 47737801 | Walsh, D. (2009) Pollinator Pesticide Safety Trials 2007: Flonicamid. Project Number: IB/2009/PH/002/01. Unpublished study prepared by Washington State University. 19 p. |
| 48966501 | O'Rourke, M.; Olmstead, A.; Fischer, D.; et al. (2012) Indiana Spring 2012 Investigation of Bee Kills in Relation to Alleged Pesticide Exposure and Planting of Treated Corn Seed. Unpublished study prepared by Bayer CropScience LP. 20 p. Relates to I023902-001. |

### 850.3040       Field testing for pollinators

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 48053301 | Hecht-Rost, S. (2009) Thiamethoxam (CGA293343) - A Field Study with A9807C Treated Winter Oilseed Rape Seed, Investigating Effects on Honeybees (Apis mellifera L.) Over Four Years in Northern France: Final Report. Project Number: 20051041/F2/BFEU, 2032752, TK0005517. Unpublished study prepared by Eurofins - GAB GmbH. 470 p. |
| 48053302 | Hecht-Rost, S. (2009) Thiamethoxam (CGA293343) - A Field Study with A9807C Treated Winter Oilseed Rape Seed, Investigating Effects on Honeybees (Apis mellifera L.) Over Four Years in Alsace (France): Final Report. Project Number: 20051041/F1/BFEU, 2032751, TK0005513. Unpublished study prepared by Eurofins - GAB GmbH. 471 p. |
| 48584701 | Britt, R. (2005) CGA-293343: Honey Bee Field Investigation of Actara Pre-Bloom Use in Bartlett Pears: Thiamethoxam: Final Report Amendment. Project Number: 61/01/03 T000198/03. Unpublished study prepared by Ron Britt & Associates, Inc. 38p. |
| 50766601 | Schur, A. (2003) Thiamethoxam: Non-GLP Field Test in Spain - Assessment of Side Effects of CGA 293343 WG 25 (A 9584 C) on the Honey Bee (Apis mellifera L.) in the Field following Application via Drip Irrigation to Honeydew Melon Plants: Final Report. Project Number: 202117/S2/BFEU, 2022585, TK0453554. Unpublished study prepared by Arbeitsgemeinschaft GAB Biotechnologie. 60p. |
| 50766602 | Barth, M. (2000) Thiamethoxam: Assessments of Side-Effects of CGA 293343 WG 25 (A 9584 C) on the Honeybee (Apis mellifera L.) in Pome Fruit Orchards after Application during Bee-Flight: Final Report. Project Number: 00/10/48/055, 2002620, TK0453556. Unpublished study prepared by Biochem Agrar, Labor fuer Biologische und Chemische Analytik. 55p. |
| 50766603 | Schuld, M. (2001) Thiamethoxam: Field Test - Effects of Oil-Seed Spring-Rape Grown from Seeds Dressed with CGA 293343 WS 70 (A 9567 B) on the Honey Bee (Apis mellifera L.) (Conducted in Northern Germany near Celle): Final Report. Project Number: 99125/02/BFEU, 991560, TK0453552. Unpublished study prepared by Arbeitsgemeinschaft GAB Biotechnologie. 101p. |
| 50766604 | Nengel, S. (1997) Thiamethoxam: Assessment of Side Effects of CGA 293343 WG 25 on the Honey Bee (Apis mellifera L.) by Application in an Apple Orchard after Flowering: Final Report. Project Number: 97086/02/BFEU, 972551, TK0453550. Unpublished study prepared by Arbeitsgemeinschaft GAB Biotechnologie. 41p. |

### 850.4100       Terrestrial plant toxicity, Tier 1 (seeding emergence)

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 49108701 | Martin, J. (2013) Thiamethoxam: Thiamethoxam WG (A9584C) - Evaluation of the Phytotoxicity to Non-Target Terrestrial Plant Seedling Emergence and Seedling Growth Test: Final Report. Project Number: 1781/6875, TK0011993. Unpublished study prepared by Smithers Viscient. 345p. |
| 50131103 | Kirkwood, A. (2016) Thiamethoxam: Actara 25 WG - Seedling Emergence Test: Final Report. Project Number: 1781/7138, TK0316550. Unpublished study prepared by Smithers Viscient Laboratories. 67p. |

### 850.4150       Terrestrial plant toxicity, Tier 1 (vegetative vigor)

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 49105801 | Martin, J. (2013) Thiamethoxam WG (A9584C) - Evaluation of the Phytotoxicity to Non-Target Terrestrial Plants Vegetative Vigor Test. Project Number: 1781/6876, TK0011994. Unpublished study prepared by Smithers Viscient Laboratories. 171p. |

### 850.5400       Algal toxicity, Tiers 1 and II

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 48432529 | Kuhl, R.; Wydra, V. (2010) Cyantraniliprole/ Thiamethoxam WG (A16901B) - Toxicity to Pseudokirchneriella subcapitata in an Algal Growth Inhibition Test: Final Report. Project Number: TK0006000, 55832210. Unpublished study prepared by Institut fuer Biologische Analytik und Consulting IBACON. 42 p. |

### 860.1000       Background

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 47462401 | Hampton, R.; Francis, P.; Hampton, M.; et al. (2008) Thiamethoxam - Response to Conditions of Registration Dated June 8, 2007 (Letter from D. Daniel to F. Pearson): Response. Project Number: T001301/08, 918/02, N/2K2/SYN/918/02/001. Unpublished study prepared by Syngenta Crop Protection. 177 p. |
| 47515701 | Hamilton, L. (2008) Thiamethoxam - Magnitude of the Residues in or on Avocado: IR-4 Minor use Submission in Support of Tolerances for Thiamethoxam in or on Avocado, Papaya, Star Apple, Black Sapote, Mango, Sapodilla, Canistel, and Mamey Sapote. Project Number: T010202/06, 09607/06/CA116, 09607/06/CA117. Unpublished study prepared by Syngenta Crop Protection and North Central Region Leader Laboratory. 159 p. |
| 47515702 | Hampton, M.; Williams, C. (2008) Thiamethoxam - Compilation of Magnitude of the Residue Data in or on Sugar Beets Following Seed Treatment Application: IR-4 Minor use Submission in Support of a Tolerance for Thiamethoxam in or on Root Vegetables Subgroup 1A. Project Number: T001409/08, 0S96407, KJ90. Unpublished study prepared by Syngenta Crop Protection, Inc. and En-Cas Analytical Laboratories and ALS Laboratory Group, Environmental. 875 p. |
| 47558105 | Mayer, T.; Hampton, R. (2008) Thiamethoxam: Thiamethoxam - Magnitude of the Residues in Rice Following Seed-Treatment Application: Final Report. Project Number: T010219/06, 2K8/901/TO10219/06/001, C24AR078077. Unpublished study prepared by Syngenta Crop Protection and ADPEN Laboratories, Inc. 264 p. |
| 47778902 | Hampton, M.; Ediger, K. (2008) Thiamethoxam - Magnitude of the Residues in or on Onion, Dry Bulb, Following Seed Treatment Application: Final Report. Project Number: T009025/05. Unpublished study prepared by Syngenta Crop Protection, Inc. 122 p. |
| 47786101 | Moore, M.; Mayer, T. (2009) Thiamethoxam: Magnitude of the Residue in or on Barley: Final Report. Project Number: T005503/07, 2K9/901/T005503/07/01. Unpublished study prepared by Syngenta Crop Protection, Inc. and ADPEN Laboratories, Inc. 118 p. |
| 47919743 | Sagan, K. (2010) SYN524464: Sedaxane/ Difenoconazole/ Metalaxyl-M FS (A16874F) and Sedaxane/ Difenoconazole/ Metalaxyl-M/ Thiamethoxam FS (A17511A) - Residue Levels on Wheat (Forage and Grain) from Trials Conducted in Canada during 2009: Final Report. Project Number: T009295/05, CER/05710/09, 09SYN267/REP. Unpublished study prepared by Syngenta Crop Protection Canada, Inc. 261 p. |
| 47919744 | Sagan, K. (2010) SYN524464: Sedaxane / Difenoconazole / Metalaxyl-M FS (A16874F) and Sedaxane / Difecenoconazole / Metalaxyl-M / Thiamethoxam FS (A17511A) - Residue Levels on Barley (Hay and Grain) from Trials Conducted in Canada during 2008: Final Report. Project Number: T009295/05, CER/05711/09, T009295/05/OCR. Unpublished study prepared by Syngenta Crop Protection Canada, Inc. and Ag-Quest, Inc. and ICMS, Inc. 265 p. |
| 48020201 | Mayer, T. (2010) Thiamethoxam: Magnitude of the Residues in Alfalfa following Seed Treatment Application: Final Report. Project Number: T005586/07/OCR, 2K9/901/T005586/07/01, T005586/07. Unpublished study prepared by Syngenta Crop Protection, Inc. 312 p. |
| 48317601 | Mayer, T. (2010) Thiamethoxam - Magnitude of the Residues in Cotton Following Combined Seed Treatment and Foliar Applications: Final Report. Project Number: T005498/07, 2K9/901/T005498/07. Unpublished study prepared by Syngenta Crop Protection, Inc. 278 p. |
| 48446601 | Oakes, T. (2011) Thiamethoxam WS (A9567C) Magnitude of the Resides in or on Leaf Lettuce: Final Report. Project Number: TK0027745, 66540, G1012BK. Unpublished study prepared by Syngenta Crop Protection. 88 p. |
| 48758101 | Willard, T. (2011) Thiamethoxam (A9584C) - Magnitude of the Residues in or on Coffee: Final Report. Project Number: TK0022487/OCR, 66541. Unpublished study prepared by Syngenta Crop Protection, LLC. 159p. |
| 48758902 | Mazlo, J. (2012) Cyantraniliprole 100OD (A15929B) and Cyantraniliprole 40WG (A16971B) - Magnitude of the Residues in or on Head Lettuce from Side-by-Side Bridging Trials to Compare the OD and WG Formulations USA 2011: Final Report. Project Number: TK0056884/OCR, 68353. Unpublished study prepared by Syngenta Crop Protection. 188p. |
| 48758904 | Mazlo, J. (2012) Cyantraniliprole 100OD (A15929B) and Cyantraniliprole 40WG (A16971B) - Magnitude of the Residues in or on Summer Squash from Side-by-Side Bridging Trials to Compare the OD and WG Formulations USA 2011: Final Report. Project Number: TK0056887/OCR, 68019. Unpublished study prepared by Syngenta Crop Protection, LLC. 208p. |
| 48758905 | Mazlo, J. (2012) Cyantraniliprole 100OD (A15929B) and Cyantraniliprole 40WG (A16971B) - Magnitude of the Residues in or on Tomato from Side-by-Side Bridging Trials to Compare the OD and WG Formulations USA, 2011: Final Report. Project Number: TK0056888/OCR, 68020. Unpublished study prepared by Syngenta Crop Protection, LLC. 182p. |
| 48758906 | Mazlo, J. (2012) Cyantraniliprole 100OD (A15929B) and Cyantraniliprole 40WG (A16971B) - Magnitude of the Residues in or on Bell Pepper from Side-by-Side Bridging Trials to Compare the OD and WG Formulations USA 2011: Final Report. Project Number: TK0056889/OCR, 68021. Unpublished study prepared by Syngenta Crop Protection, LLC. 204p. |
| 49178803 | Willard, T. (2013) Thiamethoxam FS (A9765N), Thiamethoxam WG (A9584C), and Lambda-cyhalothrin CS (A12871Q) - Magnitude of the Residues in or on Wheat: Final Report. Project Number: TK0020708/OCR, 66538. Unpublished study prepared by Syngenta Crop Protection, LLC, SGS North America, Inc and GLP Technologies. 680p. |
| 49178804 | Willard, T. (2013) Thiamethoxam FS (A9765N), and Thiamethoxam WG (A9584C) - Magnitude of the Residues on Sweet Corn: Final Report. Project Number:TK0014208/OCR, AU/2011/03, G/1007BK. Unpublished study prepared by Syngenta Crop Protection, LLC , JRF America and SGS North America, Inc. 262p. |
| 49178805 | Carringer, S. (2012) Thiamethoxam WG (A9584C) and Lambda-cyhalothrin CS (A12871Q) - Magnitude of the Residues in or on Alfalfa Resulting from Foliar Applications - USA, 2011: Final Report. Project Number: TK0039859/OCR, 67369. Unpublished study prepared by Carringers, Inc., and Morse Laboratories, Inc. 362p. |
| 49178806 | Oakes, T. (2013) Thiamethoxam 5FS (A9765N), Thiamethoxam 25WG (A9584C) and Lambda-cyhalothrin CS (A12871Q) - Magnitude of the Residues in Pulses (Except Soybeans) Following Combined Seed Treatment and Foliar Applications, Crop Groups 6 and 7 (Except Soybean): Final Report. Project Number: TK0013664/OCR, 66533, G/1010BK. Unpublished study prepared by Morse Laboratories, Inc., SGS North America, Inc., and Syngenta Crop Protection, LLC. 705p. |
| 49178807 | Oakes, T. (2013) Thiamethoxam 5FS (A9765N), Thiamethoxam 25WG (A9584C) and Lambda Cyhalothrin (A12871Q) - Magnitude of the Residues in or on Sunflower USA 2011: Final Report. Project Number: TK0037589/OCR, 120422, G/1103BK. Unpublished study prepared by Golden Pacific Laboratories, LLC (GPL). 278p. |
| 49178809 | Oakes, T. (2013) Thiamethoxam (A9765N), Thiamethoxam (A9584C) and Lambda-cyhalothrin (A12871Q) - Magnitude of the Residues in or on Barley USA 2011: Final Report. Project Number: TK0011969/OCR, 66534, G/1003BK. Unpublished study prepared by Morse Laboratories, Inc., SGS North America, Inc., and Syngenta Crop Protection, LLC. 335p. |
| 49178810 | Oakes, T. (2013) Thiamethoxam 5FS (A9765N) and Thiamethoxam/Lambda Cyhalothrin ZC (A13623C) - Magnitude of the Residues in or on Corn including Processing: Final Report. Project Number: TK0003328/OCR, T005844/08, 100334. Unpublished study prepared by GLP Technologies, Golden Pacific Laboratories, LLC (GPL) and Syngenta Crop Protection, LLC. 604p. |
| 49252401 | Oakes, T. (2013) Thiamethoxam - Magnitude of the Residues in Rice Following Combined Seed Treatment and Foliar Applications: Final Report. Project Number: TK0021631, 2K11/ADPEN/901/TK0021631/001, G/1006BK. Unpublished study prepared by Syngenta Crop Protection, LLC , ADPEN Laboratories, Inc. and SGS North America, Inc. 297p. |
| 49283006 | Smith, N. (2014) SYN524464 500FS (A16148C) - Field Accumulation in Rotational Crops (60-, 120-, and 270-Day Plant Back Intervals) USA 2011: Final Report. Project Number: TK0049814, 120421. Unpublished study prepared by Syngenta Crop Protection, LLC and Golden Pacific Laboratories, LLC (GPL). 244p. |
| 49650101 | Carringer, S. (2014) Abamectin and Thiamethoxam: Abamectin + Thiamethoxam SC (A15913C) Magnitude of the Residues in or on Banana: Final Report. Project Number: TK0149856, 80381, AG/675. Unpublished study prepared by Carringers, Inc. 414p. |
| 49755702 | Sagan, K. (2014) Thiamethoxam/Difenoconazole/Metalaxyl-M/Fludioxonil FS (A11642A) - Residue Levels in or on Canola (Flowers, Pollen and Nectar) from Trials Conducted in Canada During 2012 and 2013: Final Report. Project Number: TK0116694, 14SYN342/REP. Unpublished study prepared by Syngenta Canada, Inc. and ALS Environmental. 457p. |
| 50102802 | Oakes, T. (2015) Thiamethoxam + Lambda Cyhalothrin: Thiamethoxam 5FS (A9765N), Thiamethoxam + Lambda Cyhalothrin ZCX (A18481A), and Lambda Cyhalothrin (A12871Q) - Magnitude of the Residues in or on Corn USA 2012: Final Report. Project Number: TK0112259, 80007, G/1205BK. Unpublished study prepared by Syngenta Crop Protection, LLC, Morse Laboratories, Inc. and SGS North America, Inc. 506p. |
| 50102803 | Salzman, F. (2016) Thiamethoxam and Lambda Cyhalothrin: Thiamethoxam WG (A9584C) and Lambda Cyhalothrin CS (A12871Q) - Magnitude of the Residues in or on Grain Sorghum and Sweet Sorghum USA 2013: Final Report. Project Number: TK0176048, 130524, 58/96. Unpublished study prepared by Syngenta Crop Protection, LLC, GLP Technologies and Golden Pacific Laboratories, LLC (GPL). 452p. |
| 50102805 | Willard, T. (2013) Thiamethoxam:Thiamethoxam FS (A9765N), SG (A9549C), and WG (A9584C) - Magnitude of the Residues in or on Potatoes Following Seed Piece Treatment Alone; Seed Piece Treatment Followed by Two Foliar Applications; or Soil Application Followed by Two Foliar Applications, USA 2010: Final Report. Project Number: TK0014210, AU/2011/02, 504/96. Unpublished study prepared by Syngenta Crop Protection, LLC and JRF America. 219p. |
| 51289501 | Chapman, K.; Jones. G.; Kelley, K. (2017) Lambda-cyhalothrin (A12689B and A13623B) and Thiamethoxam (A13623B and A9584C) - Magnitude of the Residue In/On Pineapple (Ananas comosus) Raw Agricultural Commodity and Processed Fractions Following Foliar Applications. Project Number: 130487/TK0047040. Unpublished study prepared by American Agricultural Services, Inc., GLP Technologies and Golden Pacific Laboratories, LLC (GPL). 306p. |

### 860.1100       Chemical identity

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 48758903 | Mazlo, J. (2012) Cyantraniliprole 100OD (A15929B) and Cyantraniliprole 40WG (A16971B) - Magnitude of the Residues in or on Cucumber from Side-by-Side Bridging Trials to Compare the OD and WG Formulations USA 2011: Final Report. Project Number: TK0056886/OCR, 68018. Unpublished study prepared by Syngenta Crop Protection, LLC. 221p. |

### 860.1200       Directions for use

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 49120202 | Hipps, A. (2013) Thiamethoxam/Difenoconazole/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxan: A20307A - Document MIII, Section 1: Product Chemistry. Project Number: TK0067821/OCR, PC/13/054. Unpublished study prepared by Syngenta Crop Protection, LLC. 37p. |
| 49283014 | Hipps, A. (2014) Thiamethoxam/Fludioxonil/Difenoconazole/Sedaxane: A20588A - Document MIII, Section 1: Product Chemistry Volume. Project Number: TK0068469, PC/14/003. Unpublished study prepared by Syngenta Crop Protection, LLC. 32p. |
| 49712212 | Hipps, A. (2015) A20903A - Document MIII Section 1: Product Chemistry Volume. Project Number: PC/15/090. Unpublished study prepared by Syngenta Crop Protection, LLC. 33p. |
| 49713115 | Hipps, A.; Phelps, L. (2015) Pasteuria Nishizawae/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21324J - Document MIII, Section 1, Product Chemistry Volume. Project Number: TK0201751, PC/15/069. Unpublished study prepared by Syngenta Crop Protection, LLC. 31p. |
| 49980509 | Hipps, A.; Phelps, L. (2016) Pasteuria nishizawae, Pn1/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21988B - Document MIII, Section 1: Product Chemistry Volume. Project Number: TK0287649, PC/16/092, PC/16/095. Unpublished study prepared by Syngenta Crop Protection, LLC. 31p. |
| 50424115 | Sparrow, K. (2017) A22353A - Document MIII, Section 1: Product Chemistry Volume. Project Number: TK0236551, PC/17/061. Unpublished study prepared by Syngenta Crop Protection, LLC. 29p. |
| 50588215 | Hipps, A. (2018) A22388B - Document MIII, Section 1 - Product Chemistry Volume. Project Number: PC/18/060. Unpublished study prepared by Syngenta Crop Protection, LLC. 26p. |

### 860.1300       Nature of the residue - plants, livestock

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 49950122 | Kling, A. (2010) Thiamethoxam FS (A9700B): Determination of Residues of Thiamethoxam and CGA322704 in the Honeybee Apis mellifera L. in the Laboratory: Final Report. Project Number: S09/02421, TK0012360. Unpublished study prepared by Eurofins-GAB GmbH. 102p. |
| 49950124 | Oppilliart, S. (2009) Thiamethoxam and CGA322704/Imidacloprid/chlopyriphos-Methyl and TCP: Residue Analysis in Plant and Bee Samples from Austria in 2009: Summary. Project Number: SYN/POL/09002N, TK0005526. Unpublished study prepared by Eurofins ADME-Bioanalyses. 59p. |

### 860.1340       Residue analytical method

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 47462401 | Hampton, R.; Francis, P.; Hampton, M.; et al. (2008) Thiamethoxam - Response to Conditions of Registration Dated June 8, 2007 (Letter from D. Daniel to F. Pearson): Response. Project Number: T001301/08, 918/02, N/2K2/SYN/918/02/001. Unpublished study prepared by Syngenta Crop Protection. 177 p. |
| 47786102 | McDonald, T. (2009) Thiamethoxam: Validation of Analytical Method GRM.009.04A for the Microwave Extraction and LC-MS/MS Determination of Residues of Thiamethoxam and its Animal Metabolites: Final Report. Project Number: T008519/08. Unpublished study prepared by Syngenta Crop Protection, Inc. 57 p. |
| 47786103 | McDonald, T. (2009) Thiamethoxam: Analytical Method for the Microwave Extraction and LC-MS/MS Determination of Residues of Thiamethoxam and its Animal Metabolites: (Supersedes Analytical Method AG-675): Method. Project Number: GRM009/04A, T001368/09. Unpublished study prepared by Syngenta Crop Protection, Inc. 91 p. |
| 48758102 | Dias, F. (2010) Determination of Thiamethoxam Residues and CGA322704 in Vegetal Samples by LC/MS/MS: Analytical Method: Final Report. Project Number: TK0108918/OCR, POPIT/MET/107/REV/05. Unpublished study prepared by Syngenta Protecao de Cultivos Ltda. 29p. |

### 860.1460       Food handling

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 48110202 | Willard, T. (2010) Residues of Thiamethoxam (A9795B) on Food Commodities following Application of Optigard Flex Liquid in Food Handling Areas: Final Report. Project Number: T000078/09/OCR, T000078/09. Unpublished study prepared by Syngenta Crop Protection and Morse Laboratories, Inc. 211 p. |

### 860.1480       Meat/milk/poultry/eggs

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 47462401 | Hampton, R.; Francis, P.; Hampton, M.; et al. (2008) Thiamethoxam - Response to Conditions of Registration Dated June 8, 2007 (Letter from D. Daniel to F. Pearson): Response. Project Number: T001301/08, 918/02, N/2K2/SYN/918/02/001. Unpublished study prepared by Syngenta Crop Protection. 177 p. |
| 47786104 | Brown, K. (2009) Thiamethoxam - Magnitude of the Residue in Liver Resulting from the Feeding of Three Levels to Poultry (Utilizing the Modified Enforcement Method Which Includes Microwave Extraction): Final Report. Project Number: T005502/07. Unpublished study prepared by Syngenta Crop Protection, Inc. 145 p. |

### 860.1500       Crop field trials

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46724901 | Oakes, T.; Eudy, L. (2001) CGA-293343 - Magnitude of the Residues In or On Crop Group 4: Leafy Vegetables: Final Report. Project Number: 122/00. Unpublished study prepared by: Syngenta Crop Protection, Inc. and Excel Research Services, Inc. 96 p. |
| 46724902 | Oakes, T.; Eudy, L. (2001) CGA-293343 - Magnitude of the Residues In or On Crop Group 5: Brassica (Cole) Leafy Vegetables: Report. Project Number: 121/00. Unpublished study prepared by Syngenta Crop Protection, Inc., Agvise Inc. and Excel Research Services, Inc.. 90 p. |
| 46724903 | Oakes, T.; Eudy, L.; Vincent, T. (2002) CGA-293343 - Magnitude of the Residues in or on Crop Group 8: Fruiting Vegetables: Final Report. Project Number: 9/00. Unpublished study prepared by Syngenta Crop Protection, Inc. and Agvise Laboratories. 61 p. |
| 46801401 | Coley, J. (2006) Thiamethoxam: Magnitude of the Residue on Barley. Project Number: 07746/07/MIR02, 07746/01/ID/18, 07746/02/SD04. Unpublished study prepared by Michigan State University, Texas A & M Food Protein Research & Development Center, and South Dakota State University. 465 p. |
| 46801402 | Starner, V. (2006) Thiamethoxam: Magnitude of the Residue on Artichoke. Project Number: 08282/02/CAR02, 08282/02/CA38, 08282/02/CA39. Unpublished study prepared by Interregional Research Project No. 4, University of California, Davis and Writers, Inc. 130 p. |
| 46801403 | Starner, V. (2006) Thiamethoxam: Magnitude of the Residue on Caneberry. Project Number: 08039/02/MIR05, 08039/02/NJ10, 08039/02/OR09. Unpublished study prepared by Michigan State University, Rutgers Research & Development Center and Oregon State University. 152 p. |
| 46801404 | Starner, V. (2006) Thiamethoxam: Magnitude of the Residue on Hops. Project Number: 08451/02/CAR06, 08451/02/ID09, 08451/02/OR21. Unpublished study prepared by University of California, Davis, University of Idaho and Western Biochemical Consulting. 131 p. |
| 47088201 | Ediger, K. (2007) Thiamethoxam-Magnitude of the Residues in or on Soybean Seed: Final Report. Project Number: T019085/04, SJ/IR/05/6131, 4A/IR/05/6137. Unpublished study prepared by Syngenta Crop Protection, Inc. 286 p. |
| 47287501 | Ediger, K. (2006) Thiamethoxam - Magnitude of the Residues in or on Almond: Final Report. Project Number: T019083/04. Unpublished study prepared by Syngenta Crop Protection, Inc. 125 p. |
| 47287502 | Ediger, K. (2007) Thiamethoxam - Magnitude of the Residues in or on Fruit, Citrus, Group 10: Final Report. Project Number: T018964/04. Unpublished study prepared by Syngenta Crop Protection, Inc., Florida Pesticide Research, Inc. and South Texas Agricultural Research. 579 p. |
| 47462401 | Hampton, R.; Francis, P.; Hampton, M.; et al. (2008) Thiamethoxam - Response to Conditions of Registration Dated June 8, 2007 (Letter from D. Daniel to F. Pearson): Response. Project Number: T001301/08, 918/02, N/2K2/SYN/918/02/001. Unpublished study prepared by Syngenta Crop Protection. 177 p. |
| 47515701 | Hamilton, L. (2008) Thiamethoxam - Magnitude of the Residues in or on Avocado: IR-4 Minor use Submission in Support of Tolerances for Thiamethoxam in or on Avocado, Papaya, Star Apple, Black Sapote, Mango, Sapodilla, Canistel, and Mamey Sapote. Project Number: T010202/06, 09607/06/CA116, 09607/06/CA117. Unpublished study prepared by Syngenta Crop Protection and North Central Region Leader Laboratory. 159 p. |
| 47515702 | Hampton, M.; Williams, C. (2008) Thiamethoxam - Compilation of Magnitude of the Residue Data in or on Sugar Beets Following Seed Treatment Application: IR-4 Minor use Submission in Support of a Tolerance for Thiamethoxam in or on Root Vegetables Subgroup 1A. Project Number: T001409/08, 0S96407, KJ90. Unpublished study prepared by Syngenta Crop Protection, Inc. and En-Cas Analytical Laboratories and ALS Laboratory Group, Environmental. 875 p. |
| 47558105 | Mayer, T.; Hampton, R. (2008) Thiamethoxam: Thiamethoxam - Magnitude of the Residues in Rice Following Seed-Treatment Application: Final Report. Project Number: T010219/06, 2K8/901/TO10219/06/001, C24AR078077. Unpublished study prepared by Syngenta Crop Protection and ADPEN Laboratories, Inc. 264 p. |
| 47760601 | Sole, C. (2008) Thiamethoxam, Difenoconazole, Azoxystrobin: Actara- Thiamethoxam (CGA293343) Amistar Top- Difenoconazole (CGA169374) and Azoxystrobin (ICI5504) - Residue Study on Waxapple in Taiwan in 2006: Final Report. Project Number: T010193/05/REG, SYN/RES/07/0220, T010193/05. Unpublished study prepared by ADME Bioanalyses. 66 p. |
| 47778902 | Hampton, M.; Ediger, K. (2008) Thiamethoxam - Magnitude of the Residues in or on Onion, Dry Bulb, Following Seed Treatment Application: Final Report. Project Number: T009025/05. Unpublished study prepared by Syngenta Crop Protection, Inc. 122 p. |
| 47786101 | Moore, M.; Mayer, T. (2009) Thiamethoxam: Magnitude of the Residue in or on Barley: Final Report. Project Number: T005503/07, 2K9/901/T005503/07/01. Unpublished study prepared by Syngenta Crop Protection, Inc. and ADPEN Laboratories, Inc. 118 p. |
| 47919743 | Sagan, K. (2010) SYN524464: Sedaxane/ Difenoconazole/ Metalaxyl-M FS (A16874F) and Sedaxane/ Difenoconazole/ Metalaxyl-M/ Thiamethoxam FS (A17511A) - Residue Levels on Wheat (Forage and Grain) from Trials Conducted in Canada during 2009: Final Report. Project Number: T009295/05, CER/05710/09, 09SYN267/REP. Unpublished study prepared by Syngenta Crop Protection Canada, Inc. 261 p. |
| 47919744 | Sagan, K. (2010) SYN524464: Sedaxane / Difenoconazole / Metalaxyl-M FS (A16874F) and Sedaxane / Difecenoconazole / Metalaxyl-M / Thiamethoxam FS (A17511A) - Residue Levels on Barley (Hay and Grain) from Trials Conducted in Canada during 2008: Final Report. Project Number: T009295/05, CER/05711/09, T009295/05/OCR. Unpublished study prepared by Syngenta Crop Protection Canada, Inc. and Ag-Quest, Inc. and ICMS, Inc. 265 p. |
| 48020201 | Mayer, T. (2010) Thiamethoxam: Magnitude of the Residues in Alfalfa following Seed Treatment Application: Final Report. Project Number: T005586/07/OCR, 2K9/901/T005586/07/01, T005586/07. Unpublished study prepared by Syngenta Crop Protection, Inc. 312 p. |
| 48317601 | Mayer, T. (2010) Thiamethoxam - Magnitude of the Residues in Cotton Following Combined Seed Treatment and Foliar Applications: Final Report. Project Number: T005498/07, 2K9/901/T005498/07. Unpublished study prepared by Syngenta Crop Protection, Inc. 278 p. |
| 48432521 | Sagan, K. (2011) Cyantraniliprole / Thiamethoxam WG (A16901B) - Residue Levels on Potatoes from Trials Conducted in Canada during 2010: Final Report. Project Number: TK0002092, CER/06401/10, 11SYN274/REP. Unpublished study prepared by Syngenta Crop Protection Canada, Inc., Atlantic Agri Tech, Inc. and Vaughn Agricultural Research Serv., Ltd. 325 p. |
| 48432522 | Sagan, K. (2011) Cyantraniliprole / Thiamethoxam WG (A16901B) - Residue Levels on Tomatoes from Trials Conducted in Canada During 2010: Final Report . Project Number: TK0002087, CER/06402/10, 11SYN275/REP. Unpublished study prepared by Syngenta Crop Protection Canada, Inc., Vaughn Agricultural Research Serv., Ltd. and Atlantic Agri Tech, Inc. 304 p. |
| 48432523 | Sagan, K. (2011) Cyantraniliprole / Thiamethoxam WG (A16901B) - Residue Levels on Mustard Greens from Trials Conducted in Canada During 2010: Final Report. Project Number: TK0016781, CER/06403/10, 11SYN277/REP. Unpublished study prepared by Syngenta Crop Protection Canada, Inc., Atlantic Agri Tech, Inc. and Vaughn Agricultural Research Serv., Ltd. 331 p. |
| 48432524 | Sagan, K. (2011) Cyantraniliprole / Thiamethoxam WG (A16901B) - Residue Levels on Cucumbers from Trials Conducted in Canada During 2010: Final report. Project Number: TK0043987, CER/06404/10, 11SYN276/REP. Unpublished study prepared by Syngenta Crop Protection Canada, Inc., Vaughn Agricultural Research Serv., Ltd. and Atlantic Agri Tech, Inc. 303 p. |
| 48446601 | Oakes, T. (2011) Thiamethoxam WS (A9567C) Magnitude of the Resides in or on Leaf Lettuce: Final Report. Project Number: TK0027745, 66540, G1012BK. Unpublished study prepared by Syngenta Crop Protection. 88 p. |
| 48758101 | Willard, T. (2011) Thiamethoxam (A9584C) - Magnitude of the Residues in or on Coffee: Final Report. Project Number: TK0022487/OCR, 66541. Unpublished study prepared by Syngenta Crop Protection, LLC. 159p. |
| 48758103 | Gois Marconi, Z.; Elisa, F. (2009) Verdadero 20 GR and Actara 10 GR - Magnitude of Thiamethoxam, CGA322704 and Cyproconazole Residues in Coffee - Sequential Treatment - Brazil, 2008-09 - 04 Trials: Final Report. Project Number: TK0118559/OCR, M09201. Unpublished study prepared by Syngenta Protecao de Cultivos Ltda. 140p. |
| 48758104 | Gois Marconi, Z.; Elisa, F. (2011) Verdadero 600 WG and Actara 250 WG - Magnitude of Thiamethoxam, CGA322704 and Cyproconazole Residues in Coffee - Sequential Treatment - Brazil, 2008-09 - 06 Trials: Final Report. Project Number: TK0118558/OCR, M09200. Unpublished study prepared by Syngenta Protecao de Cultivos Ltda. 265p. |
| 48758902 | Mazlo, J. (2012) Cyantraniliprole 100OD (A15929B) and Cyantraniliprole 40WG (A16971B) - Magnitude of the Residues in or on Head Lettuce from Side-by-Side Bridging Trials to Compare the OD and WG Formulations USA 2011: Final Report. Project Number: TK0056884/OCR, 68353. Unpublished study prepared by Syngenta Crop Protection. 188p. |
| 48758903 | Mazlo, J. (2012) Cyantraniliprole 100OD (A15929B) and Cyantraniliprole 40WG (A16971B) - Magnitude of the Residues in or on Cucumber from Side-by-Side Bridging Trials to Compare the OD and WG Formulations USA 2011: Final Report. Project Number: TK0056886/OCR, 68018. Unpublished study prepared by Syngenta Crop Protection, LLC. 221p. |
| 48758904 | Mazlo, J. (2012) Cyantraniliprole 100OD (A15929B) and Cyantraniliprole 40WG (A16971B) - Magnitude of the Residues in or on Summer Squash from Side-by-Side Bridging Trials to Compare the OD and WG Formulations USA 2011: Final Report. Project Number: TK0056887/OCR, 68019. Unpublished study prepared by Syngenta Crop Protection, LLC. 208p. |
| 48758905 | Mazlo, J. (2012) Cyantraniliprole 100OD (A15929B) and Cyantraniliprole 40WG (A16971B) - Magnitude of the Residues in or on Tomato from Side-by-Side Bridging Trials to Compare the OD and WG Formulations USA, 2011: Final Report. Project Number: TK0056888/OCR, 68020. Unpublished study prepared by Syngenta Crop Protection, LLC. 182p. |
| 48758906 | Mazlo, J. (2012) Cyantraniliprole 100OD (A15929B) and Cyantraniliprole 40WG (A16971B) - Magnitude of the Residues in or on Bell Pepper from Side-by-Side Bridging Trials to Compare the OD and WG Formulations USA 2011: Final Report. Project Number: TK0056889/OCR, 68021. Unpublished study prepared by Syngenta Crop Protection, LLC. 204p. |
| 48836701 | Kato, T. (2002) Thiamethoxam - Crop Residue Analysis Report in Tea: Final Report. Project Number: TK0171477/OCR, 1680. Unpublished study prepared by Syngenta Japan K.K. 24p. |
| 48836702 | Wakasone, Y.; Odanaka, Y. (2002) Thiamethoxam - Crop Residue Analysis Report in Tea: Final Report. Project Number: TK0171475/OCR, 1678. Unpublished study prepared by Institute of Environmental Toxicology. 23p. |
| 48836703 | Kato, T. (2002) Thiamethoxam - Crop Residue Analysis Report in Tea: Final Report. Project Number: TK0171476/OCR 1679. Unpublished study prepared by Syngenta Japan K.K. 24p. |
| 48836704 | Nakanishi, J.; Iwatani, M. (1998) Thiamethoxam - Crop Residue Analysis Report in Tea: Final Report. Project Number: TK0171474/OCR, 1764. Unpublished study prepared by Novartis Agro, Ltd. 19p. |
| 48836705 | Nakanishi, J.; Iwatani, M. (1998) Thiamethoxam - Crop Residue Analysis Report in Tea: Final Report. Project Number: TK0171473/OCR, 1763. Unpublished study prepared by Novartis Agro Ltd. 14p. |
| 48836706 | Kato, Y.; Odanaka, Y. (1998) Thiamethoxam - Crop Residue Analysis Report in Tea: Final Report. Project Number: TK0171472/OCR, 1762. Unpublished study prepared by Institute of Environmental Toxicology. 17p. |
| 49178803 | Willard, T. (2013) Thiamethoxam FS (A9765N), Thiamethoxam WG (A9584C), and Lambda-cyhalothrin CS (A12871Q) - Magnitude of the Residues in or on Wheat: Final Report. Project Number: TK0020708/OCR, 66538. Unpublished study prepared by Syngenta Crop Protection, LLC, SGS North America, Inc and GLP Technologies. 680p. |
| 49178804 | Willard, T. (2013) Thiamethoxam FS (A9765N), and Thiamethoxam WG (A9584C) - Magnitude of the Residues on Sweet Corn: Final Report. Project Number:TK0014208/OCR, AU/2011/03, G/1007BK. Unpublished study prepared by Syngenta Crop Protection, LLC , JRF America and SGS North America, Inc. 262p. |
| 49178805 | Carringer, S. (2012) Thiamethoxam WG (A9584C) and Lambda-cyhalothrin CS (A12871Q) - Magnitude of the Residues in or on Alfalfa Resulting from Foliar Applications - USA, 2011: Final Report. Project Number: TK0039859/OCR, 67369. Unpublished study prepared by Carringers, Inc., and Morse Laboratories, Inc. 362p. |
| 49178806 | Oakes, T. (2013) Thiamethoxam 5FS (A9765N), Thiamethoxam 25WG (A9584C) and Lambda-cyhalothrin CS (A12871Q) - Magnitude of the Residues in Pulses (Except Soybeans) Following Combined Seed Treatment and Foliar Applications, Crop Groups 6 and 7 (Except Soybean): Final Report. Project Number: TK0013664/OCR, 66533, G/1010BK. Unpublished study prepared by Morse Laboratories, Inc., SGS North America, Inc., and Syngenta Crop Protection, LLC. 705p. |
| 49178807 | Oakes, T. (2013) Thiamethoxam 5FS (A9765N), Thiamethoxam 25WG (A9584C) and Lambda Cyhalothrin (A12871Q) - Magnitude of the Residues in or on Sunflower USA 2011: Final Report. Project Number: TK0037589/OCR, 120422, G/1103BK. Unpublished study prepared by Golden Pacific Laboratories, LLC (GPL). 278p. |
| 49178809 | Oakes, T. (2013) Thiamethoxam (A9765N), Thiamethoxam (A9584C) and Lambda-cyhalothrin (A12871Q) - Magnitude of the Residues in or on Barley USA 2011: Final Report. Project Number: TK0011969/OCR, 66534, G/1003BK. Unpublished study prepared by Morse Laboratories, Inc., SGS North America, Inc., and Syngenta Crop Protection, LLC. 335p. |
| 49178810 | Oakes, T. (2013) Thiamethoxam 5FS (A9765N) and Thiamethoxam/Lambda Cyhalothrin ZC (A13623C) - Magnitude of the Residues in or on Corn including Processing: Final Report. Project Number: TK0003328/OCR, T005844/08, 100334. Unpublished study prepared by GLP Technologies, Golden Pacific Laboratories, LLC (GPL) and Syngenta Crop Protection, LLC. 604p. |
| 49252401 | Oakes, T. (2013) Thiamethoxam - Magnitude of the Residues in Rice Following Combined Seed Treatment and Foliar Applications: Final Report. Project Number: TK0021631, 2K11/ADPEN/901/TK0021631/001, G/1006BK. Unpublished study prepared by Syngenta Crop Protection, LLC , ADPEN Laboratories, Inc. and SGS North America, Inc. 297p. |
| 49650101 | Carringer, S. (2014) Abamectin and Thiamethoxam: Abamectin + Thiamethoxam SC (A15913C) Magnitude of the Residues in or on Banana: Final Report. Project Number: TK0149856, 80381, AG/675. Unpublished study prepared by Carringers, Inc. 414p. |
| 50102802 | Oakes, T. (2015) Thiamethoxam + Lambda Cyhalothrin: Thiamethoxam 5FS (A9765N), Thiamethoxam + Lambda Cyhalothrin ZCX (A18481A), and Lambda Cyhalothrin (A12871Q) - Magnitude of the Residues in or on Corn USA 2012: Final Report. Project Number: TK0112259, 80007, G/1205BK. Unpublished study prepared by Syngenta Crop Protection, LLC, Morse Laboratories, Inc. and SGS North America, Inc. 506p. |
| 50102803 | Salzman, F. (2016) Thiamethoxam and Lambda Cyhalothrin: Thiamethoxam WG (A9584C) and Lambda Cyhalothrin CS (A12871Q) - Magnitude of the Residues in or on Grain Sorghum and Sweet Sorghum USA 2013: Final Report. Project Number: TK0176048, 130524, 58/96. Unpublished study prepared by Syngenta Crop Protection, LLC, GLP Technologies and Golden Pacific Laboratories, LLC (GPL). 452p. |
| 50102805 | Willard, T. (2013) Thiamethoxam:Thiamethoxam FS (A9765N), SG (A9549C), and WG (A9584C) - Magnitude of the Residues in or on Potatoes Following Seed Piece Treatment Alone; Seed Piece Treatment Followed by Two Foliar Applications; or Soil Application Followed by Two Foliar Applications, USA 2010: Final Report. Project Number: TK0014210, AU/2011/02, 504/96. Unpublished study prepared by Syngenta Crop Protection, LLC and JRF America. 219p. |
| 50102901 | Willard, T. (2016) At-Planting Application of Thiamethoxam in Sugarcane. Project Number: TK0325245. Unpublished study prepared by Syngenta Crop Protection, LLC. 198p. |
| 50604403 | Mileson, B. (2018) Thiamethoxam Residues in Poultry Manure Fertilizer and Applied to Crops From Agita(TM) 10WG Treatment of Litter against Litter Beetles. Project Number: EUS/20180921/3. Unpublished study prepared by Technology Sciences Group Inc. 89p. |
| 51289501 | Chapman, K.; Jones. G.; Kelley, K. (2017) Lambda-cyhalothrin (A12689B and A13623B) and Thiamethoxam (A13623B and A9584C) - Magnitude of the Residue In/On Pineapple (Ananas comosus) Raw Agricultural Commodity and Processed Fractions Following Foliar Applications. Project Number: 130487/TK0047040. Unpublished study prepared by American Agricultural Services, Inc., GLP Technologies and Golden Pacific Laboratories, LLC (GPL). 306p. |

### 860.1520       Processed food/feed

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 47088201 | Ediger, K. (2007) Thiamethoxam-Magnitude of the Residues in or on Soybean Seed: Final Report. Project Number: T019085/04, SJ/IR/05/6131, 4A/IR/05/6137. Unpublished study prepared by Syngenta Crop Protection, Inc. 286 p. |
| 47287502 | Ediger, K. (2007) Thiamethoxam - Magnitude of the Residues in or on Fruit, Citrus, Group 10: Final Report. Project Number: T018964/04. Unpublished study prepared by Syngenta Crop Protection, Inc., Florida Pesticide Research, Inc. and South Texas Agricultural Research. 579 p. |
| 47462401 | Hampton, R.; Francis, P.; Hampton, M.; et al. (2008) Thiamethoxam - Response to Conditions of Registration Dated June 8, 2007 (Letter from D. Daniel to F. Pearson): Response. Project Number: T001301/08, 918/02, N/2K2/SYN/918/02/001. Unpublished study prepared by Syngenta Crop Protection. 177 p. |
| 47515702 | Hampton, M.; Williams, C. (2008) Thiamethoxam - Compilation of Magnitude of the Residue Data in or on Sugar Beets Following Seed Treatment Application: IR-4 Minor use Submission in Support of a Tolerance for Thiamethoxam in or on Root Vegetables Subgroup 1A. Project Number: T001409/08, 0S96407, KJ90. Unpublished study prepared by Syngenta Crop Protection, Inc. and En-Cas Analytical Laboratories and ALS Laboratory Group, Environmental. 875 p. |
| 47558105 | Mayer, T.; Hampton, R. (2008) Thiamethoxam: Thiamethoxam - Magnitude of the Residues in Rice Following Seed-Treatment Application: Final Report. Project Number: T010219/06, 2K8/901/TO10219/06/001, C24AR078077. Unpublished study prepared by Syngenta Crop Protection and ADPEN Laboratories, Inc. 264 p. |
| 48758101 | Willard, T. (2011) Thiamethoxam (A9584C) - Magnitude of the Residues in or on Coffee: Final Report. Project Number: TK0022487/OCR, 66541. Unpublished study prepared by Syngenta Crop Protection, LLC. 159p. |
| 48836701 | Kato, T. (2002) Thiamethoxam - Crop Residue Analysis Report in Tea: Final Report. Project Number: TK0171477/OCR, 1680. Unpublished study prepared by Syngenta Japan K.K. 24p. |
| 48836705 | Nakanishi, J.; Iwatani, M. (1998) Thiamethoxam - Crop Residue Analysis Report in Tea: Final Report. Project Number: TK0171473/OCR, 1763. Unpublished study prepared by Novartis Agro Ltd. 14p. |
| 49178803 | Willard, T. (2013) Thiamethoxam FS (A9765N), Thiamethoxam WG (A9584C), and Lambda-cyhalothrin CS (A12871Q) - Magnitude of the Residues in or on Wheat: Final Report. Project Number: TK0020708/OCR, 66538. Unpublished study prepared by Syngenta Crop Protection, LLC, SGS North America, Inc and GLP Technologies. 680p. |
| 49178807 | Oakes, T. (2013) Thiamethoxam 5FS (A9765N), Thiamethoxam 25WG (A9584C) and Lambda Cyhalothrin (A12871Q) - Magnitude of the Residues in or on Sunflower USA 2011: Final Report. Project Number: TK0037589/OCR, 120422, G/1103BK. Unpublished study prepared by Golden Pacific Laboratories, LLC (GPL). 278p. |
| 49178810 | Oakes, T. (2013) Thiamethoxam 5FS (A9765N) and Thiamethoxam/Lambda Cyhalothrin ZC (A13623C) - Magnitude of the Residues in or on Corn including Processing: Final Report. Project Number: TK0003328/OCR, T005844/08, 100334. Unpublished study prepared by GLP Technologies, Golden Pacific Laboratories, LLC (GPL) and Syngenta Crop Protection, LLC. 604p. |
| 49252401 | Oakes, T. (2013) Thiamethoxam - Magnitude of the Residues in Rice Following Combined Seed Treatment and Foliar Applications: Final Report. Project Number: TK0021631, 2K11/ADPEN/901/TK0021631/001, G/1006BK. Unpublished study prepared by Syngenta Crop Protection, LLC , ADPEN Laboratories, Inc. and SGS North America, Inc. 297p. |
| 50102803 | Salzman, F. (2016) Thiamethoxam and Lambda Cyhalothrin: Thiamethoxam WG (A9584C) and Lambda Cyhalothrin CS (A12871Q) - Magnitude of the Residues in or on Grain Sorghum and Sweet Sorghum USA 2013: Final Report. Project Number: TK0176048, 130524, 58/96. Unpublished study prepared by Syngenta Crop Protection, LLC, GLP Technologies and Golden Pacific Laboratories, LLC (GPL). 452p. |
| 50102901 | Willard, T. (2016) At-Planting Application of Thiamethoxam in Sugarcane. Project Number: TK0325245. Unpublished study prepared by Syngenta Crop Protection, LLC. 198p. |
| 51289501 | Chapman, K.; Jones. G.; Kelley, K. (2017) Lambda-cyhalothrin (A12689B and A13623B) and Thiamethoxam (A13623B and A9584C) - Magnitude of the Residue In/On Pineapple (Ananas comosus) Raw Agricultural Commodity and Processed Fractions Following Foliar Applications. Project Number: 130487/TK0047040. Unpublished study prepared by American Agricultural Services, Inc., GLP Technologies and Golden Pacific Laboratories, LLC (GPL). 306p. |

### 860.1550       Proposed tolerances

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 47462401 | Hampton, R.; Francis, P.; Hampton, M.; et al. (2008) Thiamethoxam - Response to Conditions of Registration Dated June 8, 2007 (Letter from D. Daniel to F. Pearson): Response. Project Number: T001301/08, 918/02, N/2K2/SYN/918/02/001. Unpublished study prepared by Syngenta Crop Protection. 177 p. |

### 860.1650       Submittal of analytical reference standards

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 47462401 | Hampton, R.; Francis, P.; Hampton, M.; et al. (2008) Thiamethoxam - Response to Conditions of Registration Dated June 8, 2007 (Letter from D. Daniel to F. Pearson): Response. Project Number: T001301/08, 918/02, N/2K2/SYN/918/02/001. Unpublished study prepared by Syngenta Crop Protection. 177 p. |

### 860.1900       Field accumulation in rotational crops

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 47462401 | Hampton, R.; Francis, P.; Hampton, M.; et al. (2008) Thiamethoxam - Response to Conditions of Registration Dated June 8, 2007 (Letter from D. Daniel to F. Pearson): Response. Project Number: T001301/08, 918/02, N/2K2/SYN/918/02/001. Unpublished study prepared by Syngenta Crop Protection. 177 p. |
| 49283006 | Smith, N. (2014) SYN524464 500FS (A16148C) - Field Accumulation in Rotational Crops (60-, 120-, and 270-Day Plant Back Intervals) USA 2011: Final Report. Project Number: TK0049814, 120421. Unpublished study prepared by Syngenta Crop Protection, LLC and Golden Pacific Laboratories, LLC (GPL). 244p. |

### 870.1000       Acute toxicity testing--background

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 47515703 | Kennedy, E. (2008) Occupational Risk Assessment for Cruiser 5 FS for Sugarbeet Seed Treatment. Project Number: T000829/08. Unpublished study prepared by Syngenta Crop Protection, Inc. 27 p. |

### 870.1100       Acute oral toxicity

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45499914 | Pestana, C. (1999) Acute Oral Toxicity Test to Rats: Verdadero 20 GR (Thiamethoxam + Cyproconazole): Final Report: Lab Project Number: NVF 014/98: 1258-99. Unpublished study prepared by Tecam Tecnologia Ambiental Ltda. 21 p. |
| 46016901 | Merkel, D. (2003) Acute Oral Toxicity Up and Down Procedure in Rats: CGA-173506 (Fludioxonil)/CGA-293343 (THIAMETHOXAM)/CGA-329351 (MEFENOXAM) 328FS (A13641B): Final Report. Project Number: 12657, 1803/02: P320/UDP. Unpublished study prepared by Product Safety Labs, Food Products Laboratory, Inc., and New Jersey Laboratories. 18 p. |
| 46308303 | Kuhn, J. (2004) Acute Oral Toxicity Study in Rats: Fludioxonil/Thiamethoxam/Mefenoxam/Azoxystrobin FS (A14115A): Final Report. Project Number: 8010/03, 8873/03. Unpublished study prepared by Stillmeadow, Inc. 11 p. |
| 46412803 | Tisdel, M. (2004) Summary of Acute Toxicology Studies with Thiamethoxam FS (600) (A9765N). Project Number: T021615/04, 8545/04, 8546/04. Unpublished study prepared by Syngenta Crop Protection, Inc. 7 p. |
| 46412804 | Kuhn, J. (2004) Thiamethoxam FS (600) (A9765N): Acute Oral Toxicity Study in Rats: Final Report. Project Number: 8545/04, T016721/04. Unpublished study prepared by Stillmeadow, Inc. 10 p. |
| 46709003 | Moore, G. (2005) Acute Oral Toxicity Up and Down Procedure in Rats with Fludioxonil/Thiamethoxam, Mefenoxam FS (012.7/255.5/019.2)(A14370B): Final Report. Project Number: 17324, T0027472/05, P320/UDP. Unpublished study prepared by Product Safety Laboratories. 16 p. |
| 46716303 | Kuhn, J. (2005) Fludioxonil/Thiamethoxam FS (084/336) (A143E2A): Acute Oral Toxicity Study in Rats: Final Report. Project Number: 9165/05, T013703/04. Unpublished study prepared by Stillmeadow, Inc. 12 p. |
| 46948104 | Kuhn, J. (2006) Thiamethoxam RB (0.01)(A15236A): Acute Oral Toxicity Study in Rats: Final Report. Project Number: 9721/06, T012879/05. Unpublished study prepared by Stillmeadow, Inc. 14 p. |
| 46948105 | Tisdel, M. (2006) Summary of Acute Toxicology Studies with Thiamethoxam RB (0.01)(A15236A). Project Number: T004146/06. Unpublished study prepared by Syngenta Crop Protection, Inc. 10 p. |
| 47092503 | Kuhn, J. (2006) Fludioxonil/Thiamethoxam/Mefenoxam SE (012/240/8/035/9)(A14909E): Acute Oral Toxicity Study in Rats: Final Report. Project Number: 10110/06, T003021/06. Unpublished study prepared by Stillmeadow Inc. 14 p. |
| 47176503 | Arcelin, G. (2007) Thiamethoxam 75SG (A9549C) - Acute Oral Toxicity Study in the Rat- Up and Down Procedure: Final Report. Project Number: B10146, T007891/05. Unpublished study prepared by RCC, Ltd. 21 p. |
| 47234703 | Kuhn, J. (2007) Lambda-Cyhalothrin/Thiamethoxam GR-B (0.04/0.2) (A15008B)- Acute Oral Toxicity Study in Rats: Final Report. Project Number: 10852/07, T001195/07. Unpublished study prepared by Stillmeadow, Inc. 11 p. |
| 47246703 | Durando, J. (2007) Difenoconazole/Thiamethoxam/Mefenoxam FS (A15424B) - Acute Oral Toxicity Up-and-Down Procedure in Rats: Final Report. Project Number: 21959, T001189/07. Unpublished study prepared by Product Safety Laboratories. 14 p. |
| 47420903 | Arcelin, G. (2007) Chlorantraniliprole (SYN545170)/ Thiamethoxam (CGA293343) SC (A15452B): Chlorantraniliprole/Thiamethoxam SC (A15452B)- Acute Oral Toxicity Study in the Rat (Up and Down Procedure): Final Report. Project Number: A95692, T007835/05. Unpublished study prepared by RCC Ltd. 19 p. |
| 47424103 | Arcelin, G. (2007) Chlorantraniliprole (SYN545170)/ Thiamethoxam (CGA293343) WG (A15645A): Chlorantraniliprole/ Thiamethoxam WG (A15645A) Formulation - Acute Oral Toxicity Study in the Rat (Up and Down Procedure): Final Report. Project Number: B19236, T002170/06. Unpublished study prepared by RCC Ltd. 21 p. |
| 47424303 | Durando, J. (2007) Abamectin/ Thiamethoxam FS (147.69/334.71) (A16115A)- Acute Oral Toxicity Up-and-Down Procedure in Rats: Final Report. Project Number: 22625, T001514/07. Unpublished study prepared by Product Safety Laboratories. 14 p. |
| 47579705 | Durando, J. (2008) Lambda-Cyhalothrin/Thiamethoxam ME (A16423B) - Acute Oral Toxicity Up-and-Down Procedure in Rats: Final Report. Project Number: 25228. Unpublished study prepared by Product Safety Laboratories. 18 p. |
| 47702703 | Durando, J. (2008) Abamectin/Thiamethoxam SC (A15543C) - Acute Oral Toxicity Up-and-Down Procedure in Rats: Final Report. Project Number: 24041, T007681/07. Unpublished study prepared by Eurofins-Product Safety Laboratories. 16 p. |
| 47722903 | Durando, J. (2009) Abamectin/Thiamethoxam FS (A17015A) - Acute Oral Toxicity Up-and-Down Procedure in Rats: Final Report. Project Number: 26005, T007235/08. Unpublished study prepared by Eurofins-Product Safety Laboratories. 16 p. |
| 47915214 | Whaley, S. (2009) Waiver Request not to Perform Acute Oral (in Rats), Acute Dermal (in Rats), Primary Eye (in Rabbits), Primary Dermal (in Rabbits), and Dermal Sensitization (in Guinea Pigs) Testing on Agita 1GB Fly Bait. Unpublished study prepared by Novartis Animal Health US, Inc. 8 p. |
| 47915418 | Cantoreggi, S. (1998) Acute Oral Toxicity in the Rat (Limit Test): CGA 293343 WG 10, (A-11234 A): Final Report. Project Number: 982802. Unpublished study prepared by Novartis Animal Health US, Inc. 20 p. |
| 47919809 | Kuhn, J. (2009) Difenoconazole/Thiamethoxam/Mefenoxam/Sedaxane FS (A17511B) - Acute Oral Toxicity Study in Rats: Final Report. Project Number: TK0008476/OCR, 13313/09/OCR, TK0008476. Unpublished study prepared by Stillmeadow, Inc. 12 p. |
| 47919817 | Peffer, R. (2010) A17511B: Difenoconazole 36.9 g/L + Thiamethoxam 30.7 g/L + Metalaxyl-M 9.5 g/L + Sedaxane 8.0 g/L: Document M-III, Section 3: Toxicological Studies. Project Number: A17511B/10015/OCR, A17511B/10015. Unpublished study prepared by Syngenta Crop Protection, Inc. 97 p. |
| 47934904 | Durando, J. (2009) Difenoconazole/Thiamethoxam/Lambda-Cyhalothrin ME (A17571B) - Acute Oral Toxicity Up and Down Procedure in Rats: Final Report. Project Number: 27988, TK0012555. Unpublished study prepared by Eurofins/Product Safety Laboratories. 18 p. |
| 47962503 | Durando, J. (2009) Azoxystrobin/Fludioxonil/Thiamethoxam/Mefenoxam FS (A17469B): Acute Oral Toxicity Up-and-Down Procedure in Rats: Final Report. Project Number: TK0017439, 28147, 28147/OCR. Unpublished study prepared by Eurofins/Product Safety Laboratories. 16 p. |
| 47973303 | Kuhn, J. (2003) Thiamethoxam: Acute Oral Toxicity Study in Rats (A13934D): Final Report. Project Number: T001876/02/OCR, 7798/03. Unpublished study prepared by Stillmeadow, Inc. 11 p. |
| 48081703 | Durando, J. (2010) Azoxystrobin/Fludioxonil/Thiamethoxam/Mefenoxam FS (A18046A): Acute Oral Toxicity Up-and-Down Procedure in Rats: FInal Report. Project Number: TK0024876/OCR, 28985/OCR. Unpublished study prepared by Eurofins/Product Safety Laboratories. 16 p. |
| 48300802 | Durando, J. (2010) Thiabendazole/Abamectin/Azoxystrobin/Fludioxonil/Thiamethoxam/Metalaxyl-M FS (A18043A) - Acute Oral Toxicity Up-and-Down Procedure in Rats: Final Report. Project Number: TK0013666, 28843, TK0013666/OCR. Unpublished study prepared by Eurofins/Product Safety Laboratories. 20 p. |
| 48342601 | Alexander, O. (2011) Summary of Acute Toxicity Studies Conducted with the End-Use Product Premix Formulation Variants, (A18112D) & (A18112C), Containing the Active Ingredients Thiabendazole/Abamectin/Azoxystrobin/Fludioxonil/Thiamethoxam/Mefenoxam and a Rational Demonstrating Chemical Similarity and Toxicological Equivalence of those Variants. Project Number: TK0056253/OCR. Unpublished study prepared by Syngenta Crop Protection. 22 p. |
| 48342604 | Durando, J. (2011) Thiabendazole/Abamectin/Azoxystrobin/Fludioxonil/Thiamethoxam/Metalaxyl-M FS (A18112C) - Acute Oral Toxicity Up-and-Down Procedure in Rats: Final Report. Project Number: TK0028238/OCR, 29817. Unpublished study prepared by Eurofins/Product Safety Laboratories. 19 p. |
| 48381503 | Durando, J. (2011) Azoxystrobin/Thiamethoxam GR (A18445A) - Acute Oral Toxicity Up-and-Down Procedure in Rats: Final Report. Project Number: TK0040203, 31167/OCR. Unpublished study prepared by Eurofins/Product Safety Laboratories. 16 p. |
| 48432505 | Tavaszi, J. (2010) Cyantraniliprole/Thiamethoxam WG (A16901B) - Acute Oral Toxicity Study in the Rat (Up and Down Procedure): Final Report. Project Number: TK0005997, 10/056/001P. Unpublished study prepared by LAB International Research Centre Hungary, Ltd. 25 p. |
| 48491903 | Durando, J. (2011) Thiabendazole/Fludioxonil/Thiamethoxam/Metalaxyl-M (A18212C) - Acute Oral Toxicity Up-and-Down Procedure in Rats: Final Report. Project Number: TK0056034/OCR, 31680. Unpublished study prepared by Eurofins/Product Safety Laboratories. 18 p. |
| 48506803 | Durando, J. (2011) Difenoconazole/Fludioxonil/Thiamethoxam FS (A18232A): Acute Oral Toxicity Up-and-Down Procedure in Rats: Final Report. Project Number: TK0056240/OCR, 31732. Unpublished study prepared by Eurofins/Product Safety Laboratories. 18 p. |
| 48540903 | Durando, J. (2011) Fludioxonil/Thiamethoxam/Metalaxyl-M FS (A18901A) - Acute Oral Toxicity Up-and-Down Procedure in Rats. Project Number: TK0056040, 31687, TK0056040/OCR. Unpublished study prepared by Eurofins/Product Safety Laboratories. 18p. |
| 48579703 | Durando, J. (2011) Lambda-Cyhalothrin/Thiamethoxam SC (A18484A) - Acute Oral Toxicity Up-and-Down Procedure in Rats: Final Report. Project Number: TK0040060 31185/OCR 10440101/DOC. Unpublished study prepared by Eurofins/Product Safety Laboratories. 18p. |
| 48644003 | Durando, J. (2011) Azoxystrobin/Fludioxonil/Thiamethoxam/Metalaxyl-M (A17461A) - Acute Oral Toxicity Up-and-Down Procedure in Rats: Final Report. Project Number: TK0045650, 31132, TK0045650/OCR. Unpublished study prepared by Eurofins/Product Safety Laboratories. 16p. |
| 48667603 | Durando, J. (2008) Abamectin/Thiamethoxam SC (A15913B) - Acute Oral Toxicity Up-and-Down Procedure in Rats: Final Report. Project Number: T007676/07 24036 10331733/DOC. Unpublished study prepared by Eurofins/Product Safety Laboratories. 16p. |
| 48682403 | Durando, J. (2012) Azoxystrobin/Fludioxonil/Thiamethoxam/Metalaxyl-M FS (A19092D) - Acute Oral Toxicity Up-and-Down Procedure in Rats: Final Report. Project Number: TK0055030/OCR, 33296. Unpublished study prepared by Eurofins/Product Safety Laboratories. 19p. |
| 48682503 | Durando, J. (2012) Thiabendazole/Azoxystrobin/Fludioxonil/Thiamethoxam/Metalaxyl-M FS (A19093D) - Acute Oral Toxicity Up-and-Down Procedure in Rats: Final Report. Project Number: TK0060678/OCR, 33288. Unpublished study prepared by Eurofins/Product Safety Laboratories. 20p. |
| 48758403 | Durando, J. (2012) Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane FS (A19511A) - Acute Oral Toxicity Up-and-Down Procedure in Rats: Final Report. Project Number: TK0054959/OCR, 33453. Unpublished study prepared by Eurofins/Product Safety Laboratories. 19p. |
| 48836003 | McKenzie, A. (2012) Abamectin/Fludioxonil/Thiamethoxam/Metalaxyl-M FS (A19409A) - Acute Oral Toxicity Up-and-Down Procedure in Rats: Final Report. Project Number: TK0105102/OCR, 33751. Unpublished study prepared by Eurofins/Product Safety Laboratories. 18p. |
| 48836203 | Durando, J. (2012) Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane FS (A19094D) - Acute Oral Toxicity Up-and-Down Procedures in Rats. Project Number: TK0064567, 33282. Unpublished study prepared by Eurofins/Product Safety Laboratories. 20p. |
| 48836403 | Durando, J. (2011) Lambda-Cyhalothrin/Thiamethoxam ZC (A18481A) - Acute Oral Toxicity Up-and-Down Procedure in Rats: Final Report. Project Number: TK0027987/OCR, 31191. Unpublished study prepared by Eurofins/Product Safety Laboratories. 17p. |
| 49070408 | Beidler, T.; Peffer, R.; Hofstra, A.; et al. (2013) Thiamethoxam/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxane FS: A19997A: Document M-III, Section 3: Toxicological Studies. Unpublished study prepared by Syngenta Crop Protection, LLC. 34p. |
| 49070409 | Durando, J. (2013) Fludioxonil/Thiamethoxam/Metalaxyl-M (Mefenoxam)/Sedaxane FS (A19997A) - Acute Oral Toxicity Up-and-Down Procedure in Rats: Final Report. Project Number: TK0067610/OCR, 35998. Unpublished study prepared by Eurofins/Product Safety Laboratories. 19p. |
| 49120108 | Durando, J. (2013) Difenoconazole/Fludioxonil/Thiamethoxam/Metalaxyl-M (Mefenoxam)/Sedaxane FS (A20477A) - Acute Oral Toxicity Up-and-Down Procedure in Rats: Final Report. Project Number: TK0068401, 36005. Unpublished study prepared by Eurofins/Product Safety Laboratories. 19p. |
| 49120209 | Durando, J. (2013) Difenoconazole/Fludioxonil/Thiamethoxam/Metalaxyl-M (Mefenoxam)/Sedaxane FS (A20307A) - Acute Oral Toxicity Up-and-Down Procedure in Rats - Limit Test: Final Report. Project Number: TK0067823/OCR, 36406. Unpublished study prepared by Eurofins/Product Safety Laboratories. 18p. |
| 49282703 | Durando, J. (2014) Abamectin/Thiamethoxam FS (A20703C) - Acute Oral Toxicity Up-and-Down Procedure in Rats: Final Report. Project Number: TK0161975, 37399, P320/UDP. Unpublished study prepared by Eurofins/Product Safety Laboratories. 18p. |
| 49283008 | Durando, J. (2014) Difenoconazole/Fludioxonil/Thiamethoxam/Sedaxane FS (A20588A) - Acute Oral Toxicity Up-And-Down Procedure in Rats: Final Report Amendment 2. Project Number: TK0068329, 37255. Unpublished study prepared by Eurofins/Product Safety Laboratories. 20p. |
| 49283016 | Beidler, T.; Peffer, R.; Hofstra, A.; et al. (2014) Thiamethoxam/Fludioxonil/Difenoconazole/Sedaxane FS: A20588A: Document M-III, Section 3: Toxicological Studies. Project Number: TK0223654. Unpublished study prepared by Syngenta Crop Protection, LLC. 32p. |
| 49326103 | Durando, J. (2014) Lambda-Cyhalothrin/Azoxystrobin/Propiconazole/Thiamethoxam ZE (A20007C) - Acute Oral Toxicity Up-and-Down Procedure in Rats: Final Report. Project Number: TK0063386, 37233. Unpublished study prepared by Eurofins/Product Safety Laboratories. 19p. |
| 49383903 | Durando, J. (2014) Thiabendazole/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane FS (A21073A) - Acute Oral Toxicity Up-And-Down Procedure in Rats: Final Report. Project Number: TK0071684, 38700. Unpublished study prepared by Syngenta Crop Protection, LLC. 20p. |
| 49524308 | Durando, J. (2015) Thiabendazole/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane FS (A21174B) - Acute Oral Toxicity - Up-And-Down Procedure in Rats: Final Report. Project Number: TK0149620, 39377. Unpublished study prepared by Product Safety Laboratories. 19p. |
| 49524403 | Durando, J. (2015) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane/Gibberellin A4/A7/Indolebutyric acid/Kinetin FS (A21185B) - Acute Oral Toxicity - Up-And-Down Procedure in Rats - Final Report. Project Number: TK0067183, 39555, USGR141330. Unpublished study prepared by Product Safety Laboratories. 18p. |
| 49712206 | Durando, J. (2015) A20903A - Acute Oral Toxicity - Up-and-Down Procedure in Rats: Final Report. Project Number: 40541. Unpublished study prepared by Product Safety Laboratories. 20p. |
| 49713109 | Durando, J. (2015) Final Report: Pasteuria Nishizawae/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane - Pasteuria Nishizawae/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane SC (A21324J) - Acute Oral Toxicity - Up-And-Down Procedure in Rats. Project Number: TK0201786, 40854. Unpublished study prepared by Product Safety Laboratories. 19p. |
| 49950103 | Warmers, C. (2007) Chlorantraniliprole/Thiamethoxam SC (A15452B): Acute Oral and Contact Toxicity to the Honeybee Apis mellifera L. in the Laboratory: Final Report. Project Number: 20061482/S1/BLEU, T008432/05, A15452B. Unpublished study prepared by Eurofins-GAB GmbH. 30p. |
| 49950104 | Warmers, C. (2007) Chlorantraniliprole/Thiamethoxam WG (A15645A): Acute Oral and Contact Toxicity to the Honeybee Apis mellifera L. in the Laboratory: Final Report. Project Number: 20071079/S1/BLEU, T002945/06, A15645A. Unpublished study prepared by Eurofins-GAB GmbH. 31p. |
| 49950105 | Vinall, S. (2007) Thiamethoxam SC (A9795B): Rate-Response Laboratory Bioassays to Determine Acute Contact and Oral Toxicity on the Honeybee Apis mellifera: Final Report. Project Number: SYN/07/3, YN/07/3, T010143/06. Unpublished study prepared by Mambo-Tox, Ltd. 36p. |
| 49950107 | Reber, B. (1998) CGA293343: Acute Oral LD50 of CGA293343 WG 25 (A-9584 C) to the Bumble Bee Bombus terrestris L.: Final Report. Project Number: 98HU03, TK0309635. Unpublished study prepared by Novartis Crop Protection AG. 41p. |
| 49950108 | Von der Ohe, W. (2001) CGA322704: Feeding of Honey Bees (Apis mellifera L.) with CGA322704: Final Report. Project Number: 2002606, 99125/04, TK0309638. Unpublished study prepared by Niedersachsisches Landesinstitut fur Bienenkunde. 39p. |
| 49950115 | Kling, A. (2011) Thiamethoxam SG (A9549c): Acute Oral Toxicity to the Honeybee Apis mellifera L. in the Laboratory: Final Report Amendment 1. Project Number: S11/02936, TK0061090. Unpublished study prepared by Eurofins Agroscience Services EcoChem GmbH. 29p. |
| 49950116 | Kranzfelder, J. (1999) Thiamethoxam: Acute Oral and Contact Toxicity of CGA293343 (A12005B) to the Honeybee, Apis mellifera: Final Report. Project Number: 45479, 982680, T000518/99. Unpublished study prepared by ABC Laboratories, Inc. Unpublished study prepared by ABC Laboratories, Inc. 39p. |
| 49950117 | Kling, A. (2010) Thiamethoxam/Metalaxyl-M/Fludioxonil FS (A9807C): Acute Oral and Contact Toxicity to the Honeybee Apis mellifera L. in the Laboratory: Final Report. Project Number: S10/03070, TK0040573. Unpublished study prepared by Eurofins Agroscience Services GmbH. 35p. |
| 49950120 | Chen, G. (2008) Thiamethoxam WS (A9567B): Acute Oral Toxicity Test in Bee (Apis mellifera L.): Summary. Project Number: H083130588, TK0309634. Unpublished study prepared by Supervision and Test Center for Pesticide Safety Evaluation and Quality Control. 4p. |
| 49950125 | Kling, A. (2009) Thiamethoxam (A9700B, A9584C): Oral and Contact Toxicity of Maize Dust Containing A9700B and Actara (9584C) to the Honey Bee Apis mellifera L.: Final Report Amendment 1. Project Number: S0902683, TK0005519. Unpublished study prepeared by Eurofins-GAB GmbH. 41p. |
| 49984002 | Lowe, C. (2016) F4189-1: Acute Oral Toxicity - Up-And-Down Procedure in Rats. Project Number: 42843, 2016TOX/THI2432, P320/UDP/FMC. Unpublished study prepared by Product Safety Laboratories. 30p. |
| 50424107 | Durando, J. (2017) Azoxystrobin/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane FS (A22353A) - Acute Oral Toxicity - Up-And-Down Procedure in Rats: Final Report. Project Number: TK0236568, 45695. Unpublished study prepared by Product Safety Labs. 23p. |
| 50588207 | Durando, J. (2018) Thiabendazole/Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane FS (A22388B) - Acute Oral Toxicity - Up-And-Down Procedure in Rats. Project Number: TK0266404, 47553. Unpublished study prepared by Product Safety Laboratories. 23p. |
| 51049111 | Khan, M. (2008) Acute Oral Toxicity Study in Rats with Thiamethoxam WDG. Project Number: 0315. Unpublished study prepared by RCC Laboratories India Private Limited. 21p. |
| 51134206 | Deenath, V. (2020) Acute Oral Toxicity Study of Thiamethoxam 40% WDG in Wistar Rats: Final Report. Project Number: 6969/2019. Unpublished study prepared by Bioscience Research Foundation. 27p. |
| 51221105 | Hardie, R. (2020) Acute Oral Toxicity Study With Thiamethoxam 12.6% + Lambdacyhalothrin 9.48% ZC in Wistar Rats. Project Number: 19581. Unpublished study prepared by Palamur Biosciences Private Limited. 31p. |
| 51229003 | Durando, J. (2020) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane/Isocycloseram FS (A23273A) - Acute Oral Toxicity - Up-And-Down Procedure in Rats. Project Number: 53195. Unpublished study prepared by Product Safety Laboratories. 29p. |
| 51229103 | Durando, J. (2020) Difenoconazole/Thiamethoxam/Metalaxyl-M/ Sedaxane/Isocycloseram FS (A23250A) - Acute Oral Toxicity - Up-And-Down Procedure in Rats: Final Report. Project Number: 53108, TK0543537. Unpublished study prepared by Product Safety Laboratories. 23p. |
| 51288407 | Durando, J. (2020) Picarbutrazox / Fludioxonil / Thiamethoxam / Metalaxyl-M / Sedaxane FS (A23240B): Acute Oral Toxicity - Up-And-Down Procedure in Rats. Project Number: 52914. Unpublished study prepared by Product Safety Labs. 23p. |
| 51625706 | Durando, J. (2021) ST Premix IPZ-4: Acute Oral Toxicity - Up-And-Down Procedure in Rats. Project Number: 55477. Unpublished study prepared by Product Safety Laboratories. 16p. |

### 870.1200       Acute dermal toxicity

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46016902 | Johnson, I. (2002) CGA-173506/CGA-293343/CGA-329351 328FS: Acute Dermal Toxicity Study in the Rat: Final Report. Project Number: CR3598, 2225/02, CTL/CR3598/REGULATORY/REPORT. Unpublished study prepared by Central Toxicology Lab. (Syngenta). 38 p. |
| 46308304 | Kuhn, J. (2004) Acute Dermal Toxicity Study in Rats: Fludioxonil/Thiamethoxam/Mefenoxam/Azoxystrobin FS (A14115A): Final Report. Project Number: 8011/03, 8874/03. Unpublished study prepared by Stillmeadow, Inc. 11 p. |
| 46412803 | Tisdel, M. (2004) Summary of Acute Toxicology Studies with Thiamethoxam FS (600) (A9765N). Project Number: T021615/04, 8545/04, 8546/04. Unpublished study prepared by Syngenta Crop Protection, Inc. 7 p. |
| 46412805 | Kuhn, J. (2004) Thiamethoxam FS (600) (A9765N): Acute Dermal Toxicity Study in Rats: Final Report. Project Number: 8546/04, T016722/04. Unpublished study prepared by Stillmeadow, Inc. 12 p. |
| 46709004 | Moore, G. (2005) Acute Dermal Toxicity Study in Rats - Limit Test with Fludioxonil/Thiamethoxam, Mefenoxam FS (012.7/255.5/019.2)(A14379B): Final Report. Project Number: 17325, T002743/05, P322. Unpublished study prepared by Product Safety Laboratories. 15 p. |
| 46716304 | Kuhn, J. (2005) Fludioxonil/Thiamethoxam FS (084/336) (A14382A): Acute Dermal Toxicity Study in Rats: Final Report. Project Number: 9166/05, T005214/03. Unpublished study prepared by Stillmeadow, Inc. 12 p. |
| 46948105 | Tisdel, M. (2006) Summary of Acute Toxicology Studies with Thiamethoxam RB (0.01)(A15236A). Project Number: T004146/06. Unpublished study prepared by Syngenta Crop Protection, Inc. 10 p. |
| 46948106 | Kuhn, J. (2006) Thiamethoxam RB (0.01)(A15236A): Acute Dermal Toxicity Study in Rats: Final Report. Project Number: 9722/06, T012880/05. Unpublished study prepared by Stillmeadow, Inc. 14 p. |
| 47092504 | Kuhn, J. (2006) Fludioxonil/Thiamethoxam/Mefenoxam SE: Acute Dermal Toxicity Study in Rats: Final Report. Project Number: 10111/06, T003022/06. Unpublished study prepared by Stillmeadow Inc. 14 p. |
| 47111703 | Kuhn, J. (2006) Thiamethoxam GR (0.33) (A12195E): Acute Oral Toxicity Study in Rats: FInal Report. Project Number: 10103/06, TOO2568/06. Unpublished study prepared by Stillmeadow, Inc. 14 p. |
| 47111704 | Kuhn, J. (2006) Thiamethoxam GR (0.33) (A12195E) Acute Dermal Toxicity Study in Rats: FInal Report. Project Number: 10104/06, T002569/06. Unpublished study prepared by Stillmeadow, Inc. 14 p. |
| 47176504 | TalviOja, K. (2007) Thiamethoxam 75SG (A9549C) - Acute Dermal Toxicity Study in Rats: Final Report. Project Number: B10157, T007892/05. Unpublished study prepared by RCC Ltd. 21 p. |
| 47234704 | Kuhn, J. (2007) Lambda-Cyhalothrin/Thiamethoxam GR-B (0.04/0.2) (A15008B)- Acute Dermal Toxicity Study in Rats: Final Report. Project Number: 10853/07, T001196/07. Unpublished study prepared by Stillmeadow, Inc. 15 p. |
| 47246704 | Durando, J. (2007) Difenoconazole/Thiamethoxam/Mefenoxam FS (A15424B) - Acute Dermal Toxicity in Rats: Final Report. Project Number: 21960, T001190/07. Unpublished study prepared by Product Safety Laboratories. 14 p. |
| 47420904 | Arcelin, G. (2007) Chlorantraniliprole (SYN545170)/ Thiamethoxam (CGA293343) SC (A15452B): Chlorantraniliprole/Thiamethoxam SC (A15452B)- Acute Dermal Toxicity Study in the Rat (Up and Down Procedure): Final Report. Project Number: A95703, T007836/05. Unpublished study prepared by RCC Ltd. 22 p. |
| 47424104 | Arcelin, G. (2007) Chlorantraniliprole (SYN545170)/ Thiamethoxam (CGA293343) WG (A15645A): Chlorantraniliprole/ Thiamethoxam WG (A15645A) Formulation- Acute Dermal Toxicity Study in Rats: Final Report. Project Number: B19247, T002171/06. Unpublished study prepared by RCC Ltd. 23 p. |
| 47424304 | Durando, J. (2007) Abamectin/ Thiamethoxam FS (147.69/334.71) (A16115A)- Acute Dermal Toxicity in Rats: Final Report. Project Number: 22626, T001515/07. Unpublished study prepared by Product Safety Laboratories. 14 p. |
| 47579706 | Durando, J. (2008) Lambda-Cyhalothrin/Thiamethoxam ME (A16423B) - Acute Dermal Toxicity in Rats: Final Report. Project Number: T002800/07, 25229. Unpublished study prepared by Product Safety Laboratories. 15 p. |
| 47702704 | Durando, J. (2008) Abamectin/Thiamethoxam SC (A15543C) - Acute Dermal Toxicity in Rats: Final Report. Project Number: 24042, T007682/07. Unpublished study prepared by Eurofins-Product Safety Laboratories. 15 p. |
| 47722904 | Durando, J. (2009) Abamectin/Thiamethoxam FS (A17015A) - Acute Dermal Toxicity in Rats: Final Report. Project Number: 26006, T007236/08. Unpublished study prepared by Eurofins-Product Safety Laboratories. 21 p. |
| 47915214 | Whaley, S. (2009) Waiver Request not to Perform Acute Oral (in Rats), Acute Dermal (in Rats), Primary Eye (in Rabbits), Primary Dermal (in Rabbits), and Dermal Sensitization (in Guinea Pigs) Testing on Agita 1GB Fly Bait. Unpublished study prepared by Novartis Animal Health US, Inc. 8 p. |
| 47915419 | Cantoreggi, S. (1998) Acute Dermal Toxicity in the Rat (Limit Test): CGA 293343 WG 10, (A-11234 A): Final Report. Project Number: 982803. Unpublished study prepared by Novartis Animal Health US, Inc. 22 p. |
| 47919810 | Kuhn, J. (2009) Difenoconazole/Thiamethoxam/Mefenoxam/Sedaxane FS (A17511B) - Acute Dermal Toxicity Study in Rats: Final Report. Project Number: TK0008475/OCR, 13314/09/OCR, TK0008475. Unpublished study prepared by Stillmeadow, Inc. 13 p. |
| 47919817 | Peffer, R. (2010) A17511B: Difenoconazole 36.9 g/L + Thiamethoxam 30.7 g/L + Metalaxyl-M 9.5 g/L + Sedaxane 8.0 g/L: Document M-III, Section 3: Toxicological Studies. Project Number: A17511B/10015/OCR, A17511B/10015. Unpublished study prepared by Syngenta Crop Protection, Inc. 97 p. |
| 47934905 | Durando, J. (2009) Difenoconazole/Thiamethoxam/Lambda-Cyhalothrin ME (A17571B) - Acute Dermal Toxicity in Rats: Final Report. Project Number: 27989, TK0012557. Unpublished study prepared by Eurofins/Product Safety Laboratories. 16 p. |
| 47962504 | Durando, J. (2009) Azoxystrobin/Fludioxonil/Thiamethoxam/Mefenoxam FS (A17469B): Acute Dermal Toxicity in Rats: Final Report. Project Number: TK0017441, 28148, 28148/OCR. Unpublished study prepared by Eurofins/Product Safety Laboratories. 16 p. |
| 47973304 | Johnson, I. (2004) Thiamethoxam RB (0.11 G/L) (A13934D): Acute Dermal Toxicity Study in the Rat: Final Report. Project Number: TK0025984/OCR, CR3640, CTL/CR3640/REGULATORY/REPORT. Unpublished study prepared by Central Toxicology Laboratory. 31 p. |
| 48081704 | Durando, J. (2010) Azoxystrobin/Fludioxonil/Thiamethoxam/Mefenoxam FS (A18046A): Acute Dermal Toxicity in Rats: Final Report. Project Number: TK0024879/OCR, 28986/OCR. Unpublished study prepared by Eurofins/Product Safety Laboratories. 17 p. |
| 48300804 | Durando, J. (2010) Thiabendazole/Abamectin/Azoxystrobin/Fludioxonil/Thiamethoxam/Metalaxyl-M FS - (A18043A) - Acute Dermal Toxicity in Rats: Final Report. Project Number: TK0024240, 30248, TK0024240/OCR. Unpublished study prepared by Eurofins/Product Safety Laboratories. 16 p. |
| 48342601 | Alexander, O. (2011) Summary of Acute Toxicity Studies Conducted with the End-Use Product Premix Formulation Variants, (A18112D) & (A18112C), Containing the Active Ingredients Thiabendazole/Abamectin/Azoxystrobin/Fludioxonil/Thiamethoxam/Mefenoxam and a Rational Demonstrating Chemical Similarity and Toxicological Equivalence of those Variants. Project Number: TK0056253/OCR. Unpublished study prepared by Syngenta Crop Protection. 22 p. |
| 48342605 | Durando, J. (2010) Thiabendazole/Abamectin/Azoxystrobin/Fludioxonil/Thiamethoxam/Mefenoxam FS (A18112D) - Acute Dermal Toxicity in Rats: Final Report. Project Number: TK0041696/OCR, 30464. Unpublished study prepared by Eurofins/Product Safety Laboratories. 22 p. |
| 48381504 | Durando, J. (2011) Azoxystrobin/Thiamethoxam GR (A18445A) - Acute Dermal Toxicity in Rats: Final Report. Project Number: TK0040204, 31168/OCR. Unpublished study prepared by Eurofins/Product Safety Laboratories. 16 p. |
| 48432506 | Zelenak, V. (2010) Cyantraniliprole/Thiamethoxam WG (A16901B) - Acute Dermal Toxicity Study in the Rat: Final Report. Project Number: TK0005996, 10/056/002P. Unpublished study prepared by LAB International Research Centre Hungary, Ltd. 26 p. |
| 48491904 | Durando, J. (2011) Thiabendazole/Fludioxonil/Thiamethoxam/Metalaxyl-M (A18212C) - Acute Dermal Toxicity in Rats: Final Report. Project Number: TK0056035/OCR, 31681. Unpublished study prepared by Eurofins/Product Safety Laboratories. 15 p. |
| 48506804 | Durando, J. (2011) Difenoconazole/Fludioxonil/Thiamethoxam FS (A18232A): Acute Dermal Toxicity in Rats: Final Report. Project Number: TK0056251/OCR, 31733, A18232A/50015. Unpublished study prepared by Eurofins/Product Safety Laboratories. 15 p. |
| 48540904 | Durando, J. (2011) Fludioxonil/Thiamethoxam/Metalaxyl-M FS (A18901A) - Acute Dermal Toxicity in Rats. Project Number: TK0056041, 31688, TK0056041/OCR. Unpublished study prepared by Eurofins/Product Safety Laboratories. 15p. |
| 48579704 | Durando, J. (2011) Lambda-Cyhalothrin/Thiamethoxam SC (A18484A) - Acute Dermal Toxicity in Rats: Final Report. Project Number: TK0040061 31186 10440101/DOC/OCR. Unpublished study prepared by Eurofins/Product Safety Laboratories. 16p. |
| 48644004 | Durando, J. (2011) Azoxystrobin/Fludioxonil/Thiamethoxam/Metalaxyl-M (A17461A) - Acute Dermal Toxicity in Rats: Final Report. Project Number: TK0045652, 31133, TK0045652/OCR. Unpublished study prepared by Eurofins/Product Safety Laboratories. 16p. |
| 48667604 | Durando, J. (2008) Abamectin/Thiamethoxam SC (A15913B) - Acute Dermal Toxicity in Rats: Final Report. Project Number: T007677/07 24037/OCR 10331733/DOC. Unpublished study prepared by Eurofins/Product Safety Laboratories. 15p. |
| 48682404 | Durando, J. (2012) Azoxystrobin/Fludioxonil/Thiamethoxam/Metalaxyl-M FS (A19092D) - Acute Dermal Toxicity in Rats: Final Report. Project Number: TK0055033/OCR, 33297. Unpublished study prepared by Eurofins/Product Safety Laboratories. 18p. |
| 48682504 | Durando, J. (2012) Thiabendazole/Azoxystrobin/Fludioxonil/Thiamethoxam/Metalaxyl-M FS (A19093D) - Acute Dermal Toxicity in Rats: Final Report. Project Number: TK0060680/OCR, 33289. Unpublished study prepared by Eurofins/Product Safety Laboratories. 17p. |
| 48758404 | Durando, J. (2012) Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane FS (A19511A) - Acute Dermal Toxicity in Rats: Final Report. Project Number: TK0054962/OCR, 33454. Unpublished study prepared by Eurofins/Product Safety Laboratories. 17p. |
| 48836004 | McKenzie, A. (2012) Abamectin/Fludioxonil/Thiamethoxam/Metalaxyl-M FS (A19409A) - Acute Dermal Toxicity in Rats: Final Report. Project Number: TK0105103/OCR, 33752. Unpublished study prepared by Eurofins/Product Safety Laboratories. 18p. |
| 48836204 | Durando, J. (2012) Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane FS (A19094D) - Acute Dermal Toxicity in Rats. Project Number: TK0064568, 33283. Unpublished study prepared by Eurofins/Product Safety Laboratories. 17p. |
| 48836404 | Durando, J. (2011) Lambda-Cyhalothrin/Thiamethoxam ZC (A18481A) - Acute Dermal Toxicity in Rats: Final Report. Project Number: TK0053966/OCR, 31192. Unpublished study prepared by Eurofins/Product Safety Laboratories. 16p. |
| 49070408 | Beidler, T.; Peffer, R.; Hofstra, A.; et al. (2013) Thiamethoxam/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxane FS: A19997A: Document M-III, Section 3: Toxicological Studies. Unpublished study prepared by Syngenta Crop Protection, LLC. 34p. |
| 49070410 | Durando, J. (2013) Fludioxonil/Thiamethoxam/Metalaxyl-M (Mefenoxam)/Sedaxane FS (A19997A) - Acute Dermal Toxicity in Rats: Final Report Amendment 1. Project Number: TK0067613/OCR, 35999. Unpublished study prepared by Eurofins/Product Safety Laboratories. 19p. |
| 49120109 | Durando, J. (2013) Difenoconazole/Fludioxonil/Thiamethoxam/Metalaxyl-M (Mefenoxam)/Sedaxane FS (A20477A) - Acute Dermal Toxicity in Rats: Final Report. Project Number: TK0068474 36006. Unpublished study prepared by Eurofins/Product Safety Laboratories. 19p. |
| 49120204 | McCain, P. (2013) Thiamethoxam/Difenoconazole/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxan: A20307A: Document M-III, Section 3: Toxicological Studies. Project Number: TK0215391/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 31p. |
| 49120210 | Durando, J. (2013) Difenoconazole/Fludioxonil/Thiamethoxam/Metalaxyl-M (Mefenoxam)/Sedaxane FS (A20307A) - Acute Dermal Toxicity in Rats: Final Report. Project Number: TK0067826/OCR, 36407. Unpublished study prepared by Eurofins/Product Safety Laboratories. 19p. |
| 49283009 | Durando, J. (2014) Difenoconazole/Fludioxonil/Thiamethoxam/Sedaxane FS (A20588A) - Acute Dermal Toxicity in Rats: Final Report. Project Number: TK0068332, 37256. Unpublished study prepared by Eurofins/Product Safety Laboratories. 19p. |
| 49283016 | Beidler, T.; Peffer, R.; Hofstra, A.; et al. (2014) Thiamethoxam/Fludioxonil/Difenoconazole/Sedaxane FS: A20588A: Document M-III, Section 3: Toxicological Studies. Project Number: TK0223654. Unpublished study prepared by Syngenta Crop Protection, LLC. 32p. |
| 49326104 | Durando, J. (2014) Lambda-Cyhalothrin/Azoxystrobin/Propiconazole/Thiamethoxam ZE (A20007C) - Acute Dermal Toxicity in Rats: Final Report. Project Number: TK0063389, 37234. Unpublished study prepared by Eurofins/Product Safety Laboratories. 19p. |
| 49383904 | Durando, J. (2014) Thiabendazole/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane FS (A21073A) - Acute Dermal Toxicity in Rats: Final Report. Project Number: TK0071681, 38701. Unpublished study prepared by Syngenta Crop Protection, LLC. 18p. |
| 49524309 | Durando, J. (2015) Thiabendazole/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane FS (A21174B) - Acute Dermal Toxicity in Rats: Final Report. Project Number: TK0149617, 39378. Unpublished study prepared by Product Safety Laboratories. 18p. |
| 49524404 | Durando, J. (2015) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane/Gibberellin A4/A7/Indolebutyric acid/Kinetin FS (A21185B) - Acute Dermal Toxicity in Rats - Final Report. Project Number: TK0067186, 39556. Unpublished study prepared by Product Safety Laboratories. 18p. |
| 49712207 | Durando, J. (2015) A20903A - Acute Dermal Toxicity in Rats: Final Report. Project Number: 40542. Unpublished study prepared by Product Safety Laboratories. 19p. |
| 49713110 | Durando, J. (2015) Final Report: Pasteuria Nishizawae/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane - Pasteuria nishizawae/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane SC (A21324J) - Acute Dermal Toxicity in Rats. Project Number: TK0201783, 40855. Unpublished study prepared by Product Safety Laboratories. 19p. |
| 49984003 | Lowe, C. (2016) F4189-1: Acute Dermal Toxicity in Rats. Project Number: 42844, 2016TOX/THI2433, P322/RAT/FMC. Unpublished study prepared by Product Safety Laboratories. 29p. |
| 50424108 | Alexander, O. (2017) Azoxystrobin/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane FS (A22353A) - Dermal Toxicity Waiver: Waiver. Project Number: TK0236565. Unpublished study prepared by Syngenta Crop Protection, LLC. 6p. |
| 50588208 | Inforzato, M. (2018) Thiabendazole/Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane FS (A22388B) - Acute Dermal Toxicity - Waiver. Project Number: TK0266401. Unpublished study prepared by Syngenta Crop Protection, LLC. 6p. |
| 51049112 | Khan, M. (2008) Acute Dermal Toxicity Study In Rats with Thiamethoxam WDG. Project Number: 0316. Unpublished study prepared by RCC Laboratories India Private Limited. 22p. |
| 51134212 | Deenath, V. (2020) Acute Dermal Toxicity Study Thiamethoxam 40% WDG in Wistar Rats: Final Report. Project Number: 6970/2019. Unpublished study prepared by Bioscience Research Foundation. 24p. |
| 51221106 | Hardie, R. (2020) Acute Dermal Toxicity Study (Fixed Dose Procedure) with Thiamethoxam 12.6% + Lambdacyhalothrin 9.48% ZC in Wistar Rats. Project Number: 19582. Unpublished study prepared by Palamur Biosciences Private Limited. 31p. |
| 51229004 | Davis, J. (2020) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane/Isocycloseram FS (A23273A) - Acute Dermal Toxicity Waiver. Project Number: TK0543688. Unpublished study prepared by Syngenta Crop Protection, LLC. 7p. |
| 51229104 | Davis, J. (2020) Difenoconazole/Thiamethoxam/Metalaxyl-M/ Sedaxane/Isocycloseram FS (A23250A) - Acute Dermal Toxicity: Waiver. Project Number: TK0363003. Unpublished study prepared by Syngenta Crop Protection, LLC. 6p. |
| 51288408 | Davis, J. (2020) Picarbutrazox/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane FS (A23240B): Acute Dermal Toxicity. Project Number: TK0539347. Unpublished study prepared by Product Safety Labs. 6p. |
| 51625707 | Durando, J. (2021) ST Premix IPZ-4: Acute Dermal Toxicity in Rats. Project Number: 55478. Unpublished study prepared by Product Safety Laboratories. 16p. |

### 870.1300       Acute inhalation toxicity

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46016903 | Kilgour, J. (2003) CGA-173506/CGA-293343/CGA-329351 328FS: 4-Hour Acute Inhalation Toxicity Study in Rats. Project Number: HR2413, 2226/02,CTL/HR2413/REGULATORY/REVISION/001. Unpublished study prepared by Central Toxicology Lab. (Syngenta). 60 p. |
| 46308305 | Rattray, N. (2004) Fludioxonil/Thiamethoxam/Mefenoxam/Azoxystrobin FS (015.34/306.8/012.28/006.14) (A14115A): 4-Hour Acute Inhalation Toxicity Study in Rats: Final Report. Project Number: HR2432. Unpublished study prepared by Central Toxicology Lab. (Syngenta). 58 p. |
| 46412806 | Carter, L. (2004) Thiamethoxam FS (600) (A9765N): Acute Inhalatioin Toxicity Study in Rats: Final Report. Project Number: 8547/04, T016723/04. Unpublished study prepared by Stillmeadow, Inc. 21 p. |
| 46716305 | Carter, L. (2005) Fludioxonil/Thiamethoxam FS (084/336) (A14382A): Acute Inhalation Toxicity Study: Final Report. Project Number: 9167/05, T001651/04. Unpublished study prepared by Stillmeadow, Inc. 19 p. |
| 46948105 | Tisdel, M. (2006) Summary of Acute Toxicology Studies with Thiamethoxam RB (0.01)(A15236A). Project Number: T004146/06. Unpublished study prepared by Syngenta Crop Protection, Inc. 10 p. |
| 46948107 | Noakes, J. (2004) Thiamethoxam RB (0.11G/L)(A13934D): 4-Hour Acute Inhalation Toxicity Study in Rats: Final Report. Project Number: CTL/HR2447/REG/REPT, T004849/03. Unpublished study prepared by Central Toxicology Lab. (Syngenta). 56 p. |
| 47092505 | Carter, L. (2006) Fludioxonil/Thiamethoxam/Mefenoxam SE (012/240/8/035/9) (A14909E): Acute Inhalation Toxicity Study in Rats: Final Report. Project Number: 10112/06, T003023/06. Unpublished study prepared by Stillmeadow Inc. 23 p. |
| 47176505 | Lowe, C. (2007) Thiamethoxam SG (75) (A9549C) - Acute Inhalation Toxicity in Rats: Final Report. Project Number: 21397, TOO7896/05. Unpublished study prepared by Product Safety Laboratories. 20 p. |
| 47234705 | Tisdel, M. (2007) Lambda-Cyhalothrin/Thiamethoxam GR-B (0.04/0.2) (A15008B) Request for Waiver for Acute Inhalation Toxicity Study: Final Report. Project Number: T001197/07. Unpublished study prepared by Syngenta Crop Protection. 5 p. |
| 47246705 | Durando, J. (2007) Difenoconazole/Thiamethoxam/Mefenoxam FS (A15424B) - Acute Inhalation Toxicity in Rats: Final Report. Project Number: 21961, T001191/07. Unpublished study prepared by Product Safety Laboratories. 21 p. |
| 47420905 | Shaw, D. (2007) Chlorantraniliprole (SYN545170)/ Thiamethoxam (CGA293343) SC (A15452B): Acute Inhalation Study in Rats: Final Report. Project Number: HR2566, HR2566/REG, T007840/05. Unpublished study prepared by Central Toxicology Lab. (Syngenta). 50 p. |
| 47424105 | Decker, U. (2007) Chlorantraniliprole (SYN545170)/ Thiamethoxam (CGA293343) WG (A15645A): Chlorantraniliprole/ Thiamethoxam WG (A15645A)- 4-Hour Acute Inhalation Toxicity Study in Rats: Final Report. Project Number: B19293, T002175/06. Unpublished study prepared by RCC Ltd. and RCC Umweltchemie Ag. 49 p. |
| 47424305 | Lowe, C. (2007) Abamectin/ Thiamethoxam FS (147.69/334.71) (A16115A)- Acute Inhalation Toxicity in Rats: Final Report. Project Number: 22472, T002201/07. Unpublished study prepared by Product Safety Laboratories. 22 p. |
| 47579707 | Durando, J. (2008) Lambda-Cyhalothrin/Thiamethoxam ME (A16423B)- Acute Inhalation Toxicity in Rats: Final Report. Project Number: T002801/07, 25230. Unpublished study prepared by Product Safety Laboratories. 23 p. |
| 47702705 | Durando, J. (2008) Abamectin/Thiamethoxam SC (033.2/152.4) (A15543C) - Acute Inhalation Toxicity in Rats: Final Report. Project Number: 23204, T007683/07. Unpublished study prepared by Eurofins-Product Safety Laboratories. 30 p. |
| 47722905 | Durando, J. (2009) Abamectin/Thiamethoxam FS (A17015A) - Acute Inhalation Toxicity in Rats: Final Report. Project Number: 26007, T007237/08. Unpublished study prepared by Eurofins-Product Safety Laboratories. 32 p. |
| 47915215 | Whaley, S. (2009) Waiver Request not to Perform Acute Inhalation Toxicity (in Rats) Testing on Agita 1GB Fly Bait. Unpublished study prepared by Novartis Animal Health US, Inc. 8 p. |
| 47915423 | Whaley, S. (2009) Waiver Request not to Perform Acute Inhalation Toxicity Testing on Agita 10 WG. Unpublished study prepared by Novartis Animal Health US, Inc. 6 p. |
| 47919811 | Younger, C. (2009) Difenoconazole/Thiamethoxam/Mefenoxam/Sedaxane FS (A17511B) - Acute Inhalation Toxicity Study in Rats: Final Report. Project Number: TK0008472/OCR, 13315/09/OCR. Unpublished study prepared by Stillmeadow, Inc. 21 p. |
| 47919817 | Peffer, R. (2010) A17511B: Difenoconazole 36.9 g/L + Thiamethoxam 30.7 g/L + Metalaxyl-M 9.5 g/L + Sedaxane 8.0 g/L: Document M-III, Section 3: Toxicological Studies. Project Number: A17511B/10015/OCR, A17511B/10015. Unpublished study prepared by Syngenta Crop Protection, Inc. 97 p. |
| 47934906 | Durando, J. (2009) Difenoconazole/Thiamethoxam/Lambda-Cyhalothrin ME (A17571B) - Acute Inhalation Toxicity in Rats: Final Report. Project Number: 27990, TK0012558. Unpublished study prepared by Eurofins/Product Safety Laboratories. 24 p. |
| 47946702 | Witcher, M. (2009) Abamectin and Thiamethoxam: A Laboratory Simulation to Determine the Level of Abamectin in the Mixer/Loader's Breathing Zone While Pouring Concentrated Formulations of Abamectin (A15368D and A15543C) from the Commercial Container into a Mix Tank: Final Report. Project Number: TK0024125. Unpublished study prepared by Syngenta Crop Protection, Inc. 14 p. |
| 47962505 | Durando, J. (2009) Azoxystrobin/Fludioxonil/Thiamethoxam/Mefenoxam FS (A17469B): Acute Inhalation Toxicity in Rats: Final Report. Project Number: TK0017442, 28149, TK0017442/OCR. Unpublished study prepared by Eurofins/Product Safety Laboratories. 23 p. |
| 48081705 | Durando, J. (2010) Azoxystrobin/Fludioxonil/Thiamethoxam/Mefenoxam FS (A18046A): Acute Inhalation Toxicity in Rats: Final Report. Project Number: TK0024877/OCR, 28987/OCR. Unpublished study prepared by Eurofins/Product Safety Laboratories. 24 p. |
| 48300805 | Durando, J. (2010) Thiabendazole/Abamectin/Azoxystrobin/Fludioxonil/Thiamethoxam/Metalaxyl-M FS - (A18043A) - Acute Inhalation Toxicity in Rats: Final Report. Project Number: TK0024239, 29126, TK0024239/OCR. Unpublished study prepared by Eurofins/Product Safety Laboratories. 34 p. |
| 48342601 | Alexander, O. (2011) Summary of Acute Toxicity Studies Conducted with the End-Use Product Premix Formulation Variants, (A18112D) & (A18112C), Containing the Active Ingredients Thiabendazole/Abamectin/Azoxystrobin/Fludioxonil/Thiamethoxam/Mefenoxam and a Rational Demonstrating Chemical Similarity and Toxicological Equivalence of those Variants. Project Number: TK0056253/OCR. Unpublished study prepared by Syngenta Crop Protection. 22 p. |
| 48342606 | Durando, J. (2011) Thiabendazole/Abamectin/Azoxystrobin/Fludioxonil/Thiamethoxam/Metalaxyl-M FS (A18112C) - Acute Inhalation Toxicity in Rats: Final Report. Project Number: TK0028239/OCR, 29818. Unpublished study prepared by Eurofins/Product Safety Laboratories. 33 p. |
| 48381505 | Alexander, O. (2011) Azoxystrobin/Thiamethoxam GR (A18445A) - Request for Waiver for Acute Inhalation Toxicity Study. Project Number: TK0040207/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 4 p. |
| 48432507 | Nagy, K. (2010) Cyantraniliprole/Thiamethoxam WG (A16901B) - Acute Inhalation Toxicity Study (Nose-Only) in the Rat: Final Report. Project Number: TK0005992, 10/056/004P. Unpublished study prepared by LAB International Research Centre Hungary, Ltd. 38 p. |
| 48491905 | Durando, J. (2011) Thiabendazole/Fludioxonil/Thiamethoxam/Metalaxyl-M (A18212C) - Acute Inhalation Toxicity in Rats: Final Report. Project Number: TK0056036/OCR, 31682. Unpublished study prepared by Eurofins/Product Safety Laboratories. 24 p. |
| 48506805 | Durando, J. (2011) Difenoconazole/Fludioxonil/Thiamethoxam FS (A18232A): Acute Inhalation Toxicity in Rats: Final Report. Project Number: TK0056252/OCR, 31734, A18232A/50016. Unpublished study prepared by Eurofins/Product Safety Laboratories. 26 p. |
| 48540905 | Durando, J. (2011) Fludioxonil/Thiamethoxam/Metalaxyl-M FS (A18901A) - Acute Inhalation Toxicity in Rats. Project Number: TK0056042, 31689, TK0056042/OCR. Unpublished study prepared by Eurofins/Product Safety Laboratories. 24p. |
| 48579705 | Durando, J. (2011) Lambda-Cyhalothrin/Thiamethoxam SC (A18484A) - Acute Inhalation Toxicity in Rats: Final Report. Project Number: TK0040062 31187/OCR. Unpublished study prepared by Eurofins/Product Safety Laboratories. 25p. |
| 48644005 | Alexander, O. (2011) Azoxystrobin/Fludioxonil/Thiamethoxam/Metalaxyl-M (A17461A) - Request for Waiver for Acute Inhalation Toxicity Study. Project Number: TK0045643, TK0045643/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 4p. |
| 48667605 | Durando, J. (2007) Abamectin/Thiamethoxam SC (036/072) (A15913B) - Acute Inhalation Toxicity in Rats: Final Report. Project Number: T001971/07/OCR 23202. Unpublished study prepared by Eurofins/Product Safety Laboratories. 30p. |
| 48682405 | Durando, J. (2012) Azoxystrobin/Fludioxonil/Thiamethoxam/Metalaxyl-M FS (A19092D) - Acute Inhalation Toxicity in Rats: Final Report. Project Number: TK0055035/OCR, 33298. Unpublished study prepared by Eurofins/Product Safety Laboratories. 26p. |
| 48682505 | Durando, J. (2012) Thiabendazole/Azoxystrobin/Fludioxonil/Thiamethoxam/Metalaxyl-M FS (A19093D) - Acute Inhalation Toxicity in Rats: Final Report. Project Number: TK0060681/OCR, 33290. Unpublished study prepared by Eurofins/Product Safety Laboratories. 24p. |
| 48758405 | Durando, J. (2012) Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane FS (A19511A) - Acute Inhalation Toxicity in Rats: Final Report. Project Number: TK0054964/OCR, 33455. Unpublished study prepared by Eurofins/Product Safety Laboratories. 25p. |
| 48836005 | McKenzie, A. (2012) Abamectin/Fludioxonil/Thiamethoxam/Metalaxyl-M FS (A19409A) - Acute Inhalation Toxicity in Rats: Final Report. Project Number: TK0105104/OCR, 33654. Unpublished study prepared by Eurofins/Product Safety Laboratories. 35p. |
| 48836205 | Durando, J. (2012) Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane FS (A19094D) - Acute Inhalation Toxicity in Rats: Final Report. Project Number: TK0064569, 33284. Unpublished study prepared by Eurofins/Product Safety Laboratories. 25p. |
| 48836405 | Durando, J. (2011) Lambda-Cyhalothrin/Thiamethoxam ZC (A18481A) - Acute Inhalation Toxicity in Rats: Final Report. Project Number: TK0053967/OCR, 31193. Unpublished study prepared by Eurofins/Product Safety Laboratories. 26p. |
| 49070408 | Beidler, T.; Peffer, R.; Hofstra, A.; et al. (2013) Thiamethoxam/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxane FS: A19997A: Document M-III, Section 3: Toxicological Studies. Unpublished study prepared by Syngenta Crop Protection, LLC. 34p. |
| 49070411 | Durando, J. (2013) Fludioxonil/Thiamethoxam/Metalaxyl-M (Mefenoxam)/Sedaxane FS (A19997A) - Acute Inhalation Toxicity in Rats: Final Report Amendment 1. Project Number: TK0067615/OCR, 36000. Unpublished study prepared by Eurofins/Product Safety Laboratories. 27p. |
| 49120110 | Durando, J. (2013) Difenoconazole/Fludioxonil/Thiamethoxam/Metalaxyl-M (Mefenoxam)/Sedaxane FS (A20477A) - Acute Inhalation Toxicity in Rats: Final Report. Project Number: TK0068476, 36007. Unpublished study prepared by Eurofins/Product Safety Laboratories. 26p. |
| 49120204 | McCain, P. (2013) Thiamethoxam/Difenoconazole/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxan: A20307A: Document M-III, Section 3: Toxicological Studies. Project Number: TK0215391/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 31p. |
| 49120211 | Durando, J. (2013) Difenoconazole/Fludioxonil/Thiamethoxam/Metalaxyl-M (Mefenoxam)/Sedaxane FS (A20307A) - Acute Inhalation Toxicity in Rats: Final Report. Project Number: TK0067828/OCR, 36408. Unpublished study prepared by Eurofins/Product Safety Laboratories. 27p. |
| 49282704 | Durando, J. (2014) Abamectin/Thiamethoxam FS (A20703C) - Acute Inhalation Toxicity in Rats: Final Report. Project Number: TK0161970, 37400, TK0213418. Unpublished study prepared by Eurofins/Product Safety Laboratories. 28p. |
| 49283010 | Durando, J. (2014) Difenoconazole/Fludioxonil/Thiamethoxam/Sedaxane FS (A20588A) - Acute Inhalation Toxicity in Rats: Final Report. Project Number: TK0068334, 37257. Unpublished study prepared by Eurofins/Product Safety Laboratories. 26p. |
| 49283016 | Beidler, T.; Peffer, R.; Hofstra, A.; et al. (2014) Thiamethoxam/Fludioxonil/Difenoconazole/Sedaxane FS: A20588A: Document M-III, Section 3: Toxicological Studies. Project Number: TK0223654. Unpublished study prepared by Syngenta Crop Protection, LLC. 32p. |
| 49326105 | Durando, J. (2014) Lambda-Cyhalothrin/Azoxystrobin/Propiconazole/Thiamethoxam ZE (A20007C) - Acute Inhalation Toxicity in Rats: Final Report. Project Number: TK0063391, 37235. Unpublished study prepared by Eurofins/Product Safety Laboratories. 36p. |
| 49383905 | Durando, J. (2014) Thiabendazole/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane FS (A21073A) - Acute Inhalation Toxicity in Rats: Final Report. Project Number: TK0071679, 38702. Unpublished study prepared by Syngenta Crop Protection, LLC. 27p. |
| 49524310 | Durando, J. (2015) Thiabendazole/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane FS (A21174B) - Acute Inhalation Toxicity in Rats: Final Report. Project Number: TK0149615, 39379. Unpublished study prepared by Product Safety Laboratories. 27p. |
| 49524405 | Durando, J. (2015) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane/Gibberellin A4/A7/Indolebutyric acid/Kinetin FS (A21185B) - Acute Inhalation Toxicity in Rats - Final Report. Project Number: TK0067188, 39557. Unpublished study prepared by Product Safety Laboratories. 28p. |
| 49712208 | Durando, J. (2015) A20903A - Acute Inhalation Toxicity in Rats: Final Report. Project Number: 40543. Unpublished study prepared by Product Safety Laboratories. 30p. |
| 49713111 | Durando, J. (2015) Final Report: Pasteuria Nishizawae/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane - Pasteuria nishizawae/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane SC (A21324J) - Acute Inhalation Toxicity in Rats. Project Number: TK0201781, 40856. Unpublished study prepared by Product Safety Laboratories. 30p. |
| 49984004 | Lowe, C. (2016) F4189-1: Acute Inhalation Toxicity in Rats. Project Number: 42845, 2016TOX/THI2434, P330/FMC. Unpublished study prepared by Product Safety Laboratories. 42p. |
| 50424109 | Durando, J. (2017) Azoxystrobin/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane FS (A22353A) - Acute Inhalation Toxicity in Rats: Final Report. Project Number: TK0236563, 45696. Unpublished study prepared by Product Safety Labs. 40p. |
| 50588209 | Durando, J. (2018) Final Report: Thiabendazole/Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane FS (A22388B) - Acute Inhalation Toxicity in Rats. Project Number: TK0266399, 47554. Unpublished study prepared by Product Safety Laboratories. 40p. |
| 51049113 | Pandey, S. (2008) Acute Inhalation Toxicity Study in Rats with Thiamethoxam WDG. Project Number: 0320. Unpublished study prepared by RCC Laboratories India Private Limited. 29p. |
| 51134208 | Mahesh, R. (2020) Acute Inhalation Toxicity Study of Thiamethoxam 40% WDG in Wistar Rats: Final Report. Project Number: 6971/2019. Unpublished study prepared by Bioscience Research Foundation. 45p. |
| 51221110 | Hardie, R. (2020) Acute Inhalation Toxicity Study with Thiamethoxam 12.6% + Lambdacyhalothrin 9.48% ZC in Wistar Rats. Project Number: 19586. Unpublished study prepared by Palamur Biosciences Private Limited. 45p. |
| 51229005 | Durando, J. (2020) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane/Isocycloseram FS (A23273A) - Acute Inhalation Toxicity in Rats. Project Number: 53196. Unpublished study prepared by Product Safety Laboratories. 43p. |
| 51229105 | Durando, J. (2020) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane/Isocycloseram FS (A23250A) - Acute Inhalation Toxicity in Rats: Final Report. Project Number: 53109, TK0543534. Unpublished study prepared by Product Safety Laboratories. 41p. |
| 51288409 | Durando, J. (2020) Picarbutrazox / Fludioxonil / Thiamethoxam / Metalaxyl-M / Sedaxane FS (A23240B): Acute Inhalation Toxicity in Rats. Project Number: 52915. Unpublished study prepared by Product Safety Labs. 41p. |
| 51625708 | Durando, J. (2021) ST Premix IPZ-4: Acute Inhalation Toxicity in Rats. Project Number: 55479. Unpublished study prepared by Product Safety Laboratories. 26p. |

### 870.2400       Acute eye irritation

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46016904 | Johnson, I. (2002) CGA-173506/CGA-293343/CGA-329351 328FS: Eye Irritation Study in the Rabbit. Project Number: FB5968, 2227/02, CTL/FB5968/REGULATORY/REPORT. Unpublished study prepared by Central Toxicology Lab. (Syngenta). 32 p. |
| 46308306 | Kuhn, J. (2004) Acute Eye Irritation in Rabbits: Fludioxonil/Thiamethoxam/Mefenoxam/Azoxystrobin FS (A14115A): Final Report. Project Number: 8012/03, 8875/03. Unpublished study prepared by Stillmeadow, Inc. 15 p. |
| 46412803 | Tisdel, M. (2004) Summary of Acute Toxicology Studies with Thiamethoxam FS (600) (A9765N). Project Number: T021615/04, 8545/04, 8546/04. Unpublished study prepared by Syngenta Crop Protection, Inc. 7 p. |
| 46412807 | Kuhn, J. (2004) Thiamethoxam FS (600) (A9765N): Acute Eye Irritation Study in Rabbits: Final Report. Project Number: 8548/04, T016724/04. Unpublished study prepared by Stillmeadow, Inc. 15 p. |
| 46709005 | Rattray, N. (2005) Fludioxonil/Thiamethoxam/Mefenoxam FS (A14379B): 4 Hour Acute Inhalation Toxicity Study in Rats: Final Report. Project Number: HR2530, 30/REGULATORY/REPORT, P324. Unpublished study prepared by Central Toxicology Lab. (Syngenta). 47 p. |
| 46709006 | Merkel, D. (2005) Primary Eye Irritation study in Rabbits with Fludioxonil/Thiamethoxam/Mefenoxam FS (A14379B): Final Report. Project Number: 16023, T018952/04, P324. Unpublished study prepared by Product Safety Laboratories. 16 p. |
| 46716306 | Kuhn, J. (2004) Fludioxonil/Thiamethoxam FS (084/336) (A14382A): Acute Eye Irritation Study in Rabbits: Final Report. Project Number: 8709/04, T005213/03. Unpublished study prepared by Stillmeadow, Inc. 15 p. |
| 46948105 | Tisdel, M. (2006) Summary of Acute Toxicology Studies with Thiamethoxam RB (0.01)(A15236A). Project Number: T004146/06. Unpublished study prepared by Syngenta Crop Protection, Inc. 10 p. |
| 46948108 | Kuhn, J. (2005) Thiamethoxam RB (0.01)(A15236A): Acute Eye Irritation Study in Rabbits: Final Report. Project Number: 9489/05, T012881/05. Unpublished study prepared by Stillmeadow, Inc. 18 p. |
| 47092506 | Kuhn, J. (2006) Fludioxonil/Thiamethoxam/Mefenoxam SE (012/240/8/035/9)(A14909F): Acute Eye Irritation Study in Rabbits: Final Report. Project Number: 10113/06, T003024/06. Unpublished study prepared by Stillmeadow Inc. 18 p. |
| 47111705 | Kuhn, J. (2006) Thiamethoxam GR (0.33) (A12195E) Acute Eye Irritation Study in Rabbits: Final Report. Project Number: 10105/06, T002570/06. Unpublished study prepared by Stillmeadow, Inc. 18 p. |
| 47111803 | Kuhn, J. (2006) Thiamethoxam GR (0.22) (A11859G) Acute Eye Irritation Study in Rabbits: (Thiamethoxam Lawn & Landscape 0.22G): Final Report. Project Number: 10108/06, T002573/06. Unpublished study prepared by Stillmeadow, Inc. 18 p. |
| 47176506 | Arcelin, G. (2007) Thiamethoxam 75SG (A9549C) - Primary Eye Irritation Study in Rabbits: Final Report. Project Number: B10170, T007894/05. Unpublished study prepared by RCC Ltd. 29 p. |
| 47234706 | Kuhn, J. (2007) Lambda-Cyhalothrin/Thiamethoxam GR-B (0.04/0.2) (A15008B) - Acute Eye Irritation Study in Rabbits: Final Report. Project Number: 10854/07, T001198/07. Unpublished study prepared by Stillmeadow, Inc. 16 p. |
| 47246706 | Durando, J. (2007) Difenoconazole/Thiamethoxam/Mefenoxam FS (A15424C) - Primary Eye Irritation in Rabbits: Final Report. Project Number: 22026, T001192/07. Unpublished study prepared by Product Safety Laboratories. 17 p. |
| 47420906 | Arcelin, G. (2007) Chlorantraniliprole (SYN545170)/ Thiamethoxam (CGA293343) SC (A15452B): Chlorantraniliprole/Thiamethoxam SC (A15452B)- Primary Eye Irritation Study in Rabbits: Final Report. Project Number: A95725, T007838/05. Unpublished study prepared by RCC Ltd. 28 p. |
| 47424106 | Arcelin, G. (2007) Chlorantraniliprole (SYN545170)/ Thiamethoxam (CGA293343) WG (A15645A): Thiamethoxam/ Chlorantraniliprole WG (A15645A) Formulation- Primary Eye Irritation Study in Rabbits: Final Report. Project Number: B19260, T002173/06. Unpublished study prepared by RCC Ltd. and RCC Umweltchemie Ag. 32 p. |
| 47424306 | Durando, J. (2007) Abamectin/ Thiamethoxam FS (147.69/334.71) (A16115A): Primary Eye Irritation in Rabbits: Final Report. Project Number: 22627, T001517/07. Unpublished study prepared by Product Safety Laboratories. 18 p. |
| 47579603 | Durando, J. (2008) Lambda-Cyhalothrin/Thiamethoxam ME (A16424B)-Primary Eye Irritation in Rabbits: Final Report. Project Number: T008365/07, 23596. Unpublished study prepared by Product Safety Laboratories. 17 p. |
| 47579708 | Durando, J. (2008) Lambda-Cyhalothrin/Thiamethoxam ME (A16423B) - Primary Eye Irritation in Rabbits: Final Report. Project Number: T008361/07, 23610. Unpublished study prepared by Product Safety Laboratories. 17 p. |
| 47618403 | Lowe, C. (2007) Thiamethoxam GR(.2) (A16245A) - Primary Eye Irritation in Rabbits: Final Report. Project Number: 22697, T002636/07, 507289. Unpublished study prepared by Product Safety Laboratories. 17 p. |
| 47702706 | Durando, J. (2008) Abamectin/Thiamethoxam SC (A15543C) - Primary Eye Irritation in Rabbits: Final Report. Project Number: 24043, T007684/07. Unpublished study prepared by Eurofins-Product Safety Laboratories. 19 p. |
| 47722906 | Durando, J. (2009) Abamectin/Thiamethoxam FS (A17015A) - Primary Eye Irritation in Rabbits: Final Report. Project Number: 26008, T007238/08. Unpublished study prepared by Eurofins-Product Safety Laboratories. 19 p. |
| 47915214 | Whaley, S. (2009) Waiver Request not to Perform Acute Oral (in Rats), Acute Dermal (in Rats), Primary Eye (in Rabbits), Primary Dermal (in Rabbits), and Dermal Sensitization (in Guinea Pigs) Testing on Agita 1GB Fly Bait. Unpublished study prepared by Novartis Animal Health US, Inc. 8 p. |
| 47915420 | Cantoreggi, S. (1998) Acute Eye Irritation/Corrosion in the Rabbit: CGA 293343 WG 10, (A-11234 A): Final Report. Project Number: 982805. Unpublished study prepared by Novartis Animal Health US, Inc. 19 p. |
| 47919813 | Kuhn, J. (2009) Difenoconazole/Thiamethoxam/Mefenoxam/Sedaxane FS (A17511B) - Acute Eye Irritation Study in Rabbits: Final Report. Project Number: TK0008473/OCR, 13316/09/OCR. Unpublished study prepared by Stillmeadow, Inc. 17 p. |
| 47919817 | Peffer, R. (2010) A17511B: Difenoconazole 36.9 g/L + Thiamethoxam 30.7 g/L + Metalaxyl-M 9.5 g/L + Sedaxane 8.0 g/L: Document M-III, Section 3: Toxicological Studies. Project Number: A17511B/10015/OCR, A17511B/10015. Unpublished study prepared by Syngenta Crop Protection, Inc. 97 p. |
| 47934703 | Durando, J. (2009) Difenoconazole/ Thiamethoxam/ Lambda Cyhalothrin ME RTU (A17570B): Primary Eye Irritation in Rabbits: Final Report. Project Number: 28042, TK0012561. Unpublished study prepared by Eurofins/Product Safety Laboratories. 19 p. |
| 47934907 | Durando, J. (2009) Difenoconazole/Thiamethoxam/Lambda-Cyhalothrin ME (A17571B) - Primary Eye Irritation in Rabbits: Final Report. Project Number: 27991, TK0012559. Unpublished study prepared by Eurofins/Product Safety Laboratories. 19 p. |
| 47962506 | Durando, J. (2009) Azoxystrobin/Fludioxonil/Thiamethoxam/Mefenoxam FS (A17469B): Primary Eye Irritation in Rabbits: Final Report. Project Number: TK0017445, 28150, TK0017445/OCR. Unpublished study prepared by Eurofins/Product Safety Laboratories. 19 p. |
| 47973305 | Johnson, I. (2003) Thiamethoxam CGA-293343 RB-D (A13934D): Eye Irritation Study in the Rabbit: Final Report. Project Number: TK0025985/OCR, FB6068, CTL/FB6068/REGULATORY/REPORT. Unpublished study prepared by Central Toxicology Laboratory. 31 p. |
| 48081706 | Durando, J. (2010) Azoxystrobin/Fludioxonil/Thiamethoxam/Mefenoxam FS (A18046A): Primary Eye Irritation in Rabbits: Final Report. Project Number: TK0024878/OCR, 28988/OCR. Unpublished study prepared by Eurofins/Product Safety Laboratories. 20 p. |
| 48296701 | Kuhn, J. (2010) Thiamethoxam GR (A16245B) - Acute Eye Irritation Study in Rabbits: Final Report. Project Number: 14067/10, TK0028150. Unpublished study prepared by Stillmeadow, Inc. 17 p. |
| 48300806 | Durando, J. (2010) Thiabendazole/Abamectin/Azoxystrobin/Fludioxonil/Thiamethoxam/Metalaxyl-M FS - (A18043A) - Primary Eye Irritation in Rabbits: Final Report. Project Number: TK0024241, 30249, TK0024241/OCR. Unpublished study prepared by Eurofins/Product Safety Laboratories. 18 p. |
| 48342601 | Alexander, O. (2011) Summary of Acute Toxicity Studies Conducted with the End-Use Product Premix Formulation Variants, (A18112D) & (A18112C), Containing the Active Ingredients Thiabendazole/Abamectin/Azoxystrobin/Fludioxonil/Thiamethoxam/Mefenoxam and a Rational Demonstrating Chemical Similarity and Toxicological Equivalence of those Variants. Project Number: TK0056253/OCR. Unpublished study prepared by Syngenta Crop Protection. 22 p. |
| 48342607 | Durando, J. (2010) Thiabendazole/Abamectin/Azoxystrobin/Fludioxonil/Thiamethoxam/Mefenoxam FS (A18112D) - Primary Eye Irritation in Rabbits. Project Number: TK0041697/OCR, 30465. Unpublished study prepared by Eurofins/Product Safety Laboratories. 18 p. |
| 48381506 | Durando, J. (2011) Azoxystrobin/Thiamethoxam GR (A18445A) - Primary Eye Irritation in Rabbits: Final Report. Project Number: TK0040201, 31169/OCR. Unpublished study prepared by Eurofins/Product Safety Laboratories. 17 p. |
| 48432509 | Tavaszi, J. (2010) Cyantraniliprole/Thiamethoxam WG (A16901B) - Acute Eye Irritation Study in Rabbits: Final Report. Project Number: TK0005994, 10/056/005N. Unpublished study prepared by LAB International Research Centre Hungary, Ltd. 27 p. |
| 48491906 | Durando, J. (2011) Thiabendazole/Fludioxonil/Thiamethoxam/Metalaxyl-M (A18212C) - Primary Eye Irritation in Rabbits: Final Report. Project Number: TK0056032/OCR, 31683. Unpublished study prepared by Eurofins/Product Safety Laboratories. 17 p. |
| 48506806 | Durando, J. (2011) Difenoconazole/Fludioxonil/Thiamethoxam FS (A18232A): Primary Eye Irritation in Rabbits: Final Report. Project Number: TK0056248/OCR, 31735, A18232A/50013. Unpublished study prepared by Eurofins/Product Safety Laboratories. 17 p. |
| 48540906 | Durando, J. (2011) Fludioxonil/Thiamethoxam/Metalaxyl-M FS (A18901A) - Primary Eye Irritation in Rabbits: Final Report. Project Number: TK0056038 31690 TK0056038/OCR. Unpublished study prepared by Eurofins/Product Safety Laboratories. 17p. |
| 48579706 | Durando, J. (2011) Lambda-Cyhalothrin/Thiamethoxam SC (A18484A) - Primary Eye Irritation in Rabbits: Final Report. Project Number: TK0040058 31188/OCR. Unpublished study prepared by Eurofins/Product Safety Laboratories. 17p. |
| 48644006 | Durando, J. (2011) Azoxystrobin/Fludioxonil/Thiamethoxam/Metalaxyl-M (A17461A) - Primary Eye Irritation in Rabbits: Final Report. Project Number: TK0045654, 31134, TK0045654/OCR. Unpublished study prepared by Eurofins/Product Safety Laboratories. 17p. |
| 48667606 | Durando, J. (2008) Abamectin/Thiamethoxam SC (A15913B) - Primary Eye Irritation in Rabbits: Final Report. Project Number: T007678/07/OCR 24038. Unpublished study prepared by Eurofins/Product Safety Laboratories. 19p. |
| 48682406 | Durando, J. (2012) Azoxystrobin/Fludioxonil/Thiamethoxam/Metalaxyl-M FS (A19092D) - Primary Eye Irritation in Rabbits: Final Report. Project Number: TK0055034/OCR, 33299. Unpublished study prepared by Eurofins/Product Safety Laboratories. 21p. |
| 48682506 | Durando, J. (2012) Thiabendazole/Azoxystrobin/Fludioxonil/Thiamethoxam/Metalaxyl-M FS (A19093D) - Primary Eye Irritation in Rabbits: Final Report. Project Number: TK0060682/OCR, 33291. Unpublished study prepared by Eurofins/Product Safety Laboratories. 21p. |
| 48758406 | Durando, J. (2012) Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane FS (A19511A) - Primary Eye Irritation in Rabbits: Final Report. Project Number: TK0054963/OCR, 33456. Unpublished study prepared by Eurofins/Product Safety Laboratories. 19p. |
| 48836006 | McKenzie, A. (2012) Abamectin/Fludioxonil/Thiamethoxam/Metalaxyl-M FS (A19409A) - Primary Eye Irritation in Rabbits: Final Report. Project Number: TK0105100/OCR, 33753. Unpublished study prepared by Eurofins/Product Safety Laboratories. 19p. |
| 48836206 | Durando, J. (2012) Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane FS (A19094D) - Primary Eye Irritation in Rabbits: Final Report. Project Number: TK0064565, 33285. Unpublished study prepared by Eurofins/Product Safety Laboratories. 22p. |
| 48836406 | Durando, J. (2011) Lambda-Cyhalothrin/Thiamethoxam ZC (A18481A) - Primary Eye Irritation in Rabbits: Final Report. Project Number: TK0053968/OCR, 31194. Unpublished study prepared by Eurofins/Product Safety Laboratories. 19p. |
| 49070408 | Beidler, T.; Peffer, R.; Hofstra, A.; et al. (2013) Thiamethoxam/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxane FS: A19997A: Document M-III, Section 3: Toxicological Studies. Unpublished study prepared by Syngenta Crop Protection, LLC. 34p. |
| 49070413 | Durando, J. (2013) Fludioxonil/Thiamethoxam/Metalaxyl-M (Mefenoxam)/Sedaxane FS (A19997A) - Primary Eye Irritation in Rabbits: Final Report Amendment 1. Project Number: TK0067614/OCR, 36001. Unpublished study prepared by Eurofins/Product Safety Laboratories. 21p. |
| 49120112 | Durando, J. (2013) Difenoconazole/Fludioxonil/Thiamethoxam/Metalaxyl-M (Mefenoxam)/Sedaxane FS (A20477A) - Primary Eye Irritation in Rabbits: Final Report. Project Number: TK0068475, 36008. Unpublished study prepared by Eurofins/Product Safety Laboratories. 20p. |
| 49120204 | McCain, P. (2013) Thiamethoxam/Difenoconazole/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxan: A20307A: Document M-III, Section 3: Toxicological Studies. Project Number: TK0215391/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 31p. |
| 49120213 | Durando, J. (2013) Difenoconazole/Fludioxonil/Thiamethoxam/Metalaxyl-M (Mefenoxam)/Sedaxane FS (A20307A) - Primary Eye Irritation in Rabbits: Final Report. Project Number: TK0067827/OCR, 36409. Unpublished study prepared by Eurofins/Product Safety Laboratories. 20p. |
| 49283012 | Durando, J. (2014) Difenoconazole/Fludioxonil/Thiamethoxam/Sedaxane FS (A20588A) - Primary Eye Irritation in Rabbits: Final Report. Project Number: TK0068333, 37258. Unpublished study prepared by Eurofins/Product Safety Laboratories. 21p. |
| 49283016 | Beidler, T.; Peffer, R.; Hofstra, A.; et al. (2014) Thiamethoxam/Fludioxonil/Difenoconazole/Sedaxane FS: A20588A: Document M-III, Section 3: Toxicological Studies. Project Number: TK0223654. Unpublished study prepared by Syngenta Crop Protection, LLC. 32p. |
| 49326106 | Durando, J. (2014) Lambda-Cyhalothrin/Azoxystrobin/Propiconazole/Thiamethoxam ZE (A20007C) - Primary Eye Irritation in Rabbits: Final Report. Project Number: TK0063390, 37236. Unpublished study prepared by Eurofins/Product Safety Laboratories. 21p. |
| 49383906 | Durando, J. (2014) Thiabendazole/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane FS (A21073A) - Primary Eye Irritation in Rabbits: Final Report. Project Number: TK0071680, 38703. Unpublished study prepared by Syngenta Crop Protection, LLC. 21p. |
| 49524311 | Durando, J. (2015) Thiabendazole/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane FS (A21174B) - Primary Eye Irritation in Rabbits: Final Report. Project Number: TK0149616, 39380. Unpublished study prepared by Product Safety Laboratories. 23p. |
| 49524406 | Durando, J. (2015) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane/Gibberellin A4/A7/Indolebutyric acid/Kinetin FS (A21185B) - Primary Eye Irritation in Rabbits - Final Report. Project Number: TK0067187, 39558. Unpublished study prepared by Product Safety Laboratories. 24p. |
| 49712210 | Matting, E. (2015) A20903A - Acute Eye Irritation Study in Rabbits: Final Report. Project Number: 15/079/005N. Unpublished study prepared by CiToxLAB Hungary, Ltd. 30p. |
| 49713113 | Durando, J. (2015) Final Report: Pasteuria Nishizawae/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21324J - Pasteuria nishizawae/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane SC (A21324J) - Primary Eye Irritation in Rabbits. Project Number: TK0201782, 40857. Unpublished study prepared by Product Safety Laboratories. 26p. |
| 49984007 | Lowe, C. (2016) F4189-1: Primary Eye Irritation in Rabbits. Project Number: 42846, 2016TOX/THI2437, P324/FMC. Unpublished study prepared by Product Safety Laboratories. 35p. |
| 50424110 | Durando, J. (2017) Azoxystrobin/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane FS (A22353A) - Primary Eye Irritation in Rabbits: Final Report. Project Number: TK0236564, 46156. Unpublished study prepared by Product Safety Labs. 28p. |
| 50424111 | Varga-Kanizsai, B. (2017) Azoxystrobin/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane FS (A22353A) - In Vitro Eye Irritation Test in Isolated Chicken Eyes: Final Report. Project Number: TK0314300, 17/138/038CS. Unpublished study prepared by CiToxLab Hungary Ltd. 33p. |
| 50588211 | Zelenak, V. (2018) Final Report: Thiabendazole/Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane FS (A22388B) - Acute Eye Irritation Study in Rabbits. Project Number: TK0266400, 18/036/005N. Unpublished study prepared by CiToxLab Hungary Ltd. 35p. |
| 51049114 | Khan, M. (2008) Acute Eye Irritation/Corrosion Study in Rabbits with Thiamethoxam WDG. Project Number: 0318. Unpublished study prepared by RCC Laboratories India Private Limited. 24p. |
| 51134209 | Deenath, V. (2020) Acute Eye Irritation/Corrosion Study of Thiamethoxam 40% WDG in New Zealand White Rabbits: Final Report. Project Number: 6973/2019. Unpublished study prepared by Bioscience Research Foundation. 26p. |
| 51221107 | Hardie, R. (2020) Acute Eye Irritation/Corrosion Study with Thiamethoxam 12.6% + Lambdacyhalothrin 9.48% ZC in New Zealand White Rabbits. Project Number: 19584. Unpublished study prepared by Palamur Biosciences Private Limited. 41p. |
| 51229008 | Durando, J. (2020) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane/Isocycloseram FS (A23273A) - Primary Eye Irritation in Rabbits. Project Number: 53197. Unpublished study prepared by Product Safety Laboratories. 30p. |
| 51229009 | Orosz, I. (2020) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane/Isocycloseram FS (A23273A) - In Vitro Eye Irritation Test in Isolated Chicken Eyes. Project Number: 20/163/038CS. Unpublished study prepared by Charles River Laboratories Hungary Kft. 33p. |
| 51229108 | Durando, J. (2020) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane/Isocycloseram FS (A23250A) - Primary Eye Irritation in Rabbits: Final Report. Project Number: 53110, TK0543533. Unpublished study prepared by Product Safety Laboratories. 29p. |
| 51229109 | Tóth-Gönczöl, K. (2020) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane/Isocycloseram FS (A23250A) - In Vitro Eye Irritation Test in Isolated Chicken Eyes: Final Report. Project Number: 20/121/038CS, TK0543535. Unpublished study prepared by Charles River Laboratories Hungary Kft. 34p. |
| 51288404 | Orovecz, B. (2020) Picarbutrazox/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane FS (A23240C): In Vitro Eye Irritation Test in Isolated Chicken Eyes. Project Number: 20/207/038CS. Unpublished study prepared by Charles River Laboratories Hungary Kft. 33p. |
| 51288406 | Durando, J. (2020) Picarbutrazox/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane FS (A23240C): Primary Eye Irritation in Rabbits. Project Number: 53811. Unpublished study prepared by Product Safety Labs. 29p. |
| 51288411 | Durando, J. (2020) Picarbutrazox / Fludioxonil / Thiamethoxam / Metalaxyl-M / Sedaxane FS (A23240B): Primary Eye Irritation in Rabbits. Project Number: 52916. Unpublished study prepared by Product Safety Labs. 28p. |
| 51288414 | Tóth-Gönczöl, K. (2020) Picarbutrazox / Fludioxonil / Thiamethoxam / Metalaxyl-M / Sedaxane FS (A23240B): In Vitro Eye Irritation Test in Isolated Chicken Eyes. Project Number: 20/084/038CS. Unpublished study prepared by Charles River Laboratories Hungary Kft. 32p. |
| 51625709 | Durando, J. (2021) ST Premix IPZ-4: Primary Eye Irritation in Rabbits. Project Number: 55480. Unpublished study prepared by Product Safety Laboratories. 20p. |

### 870.2500       Acute dermal irritation

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46016905 | Johnson, I. (2002) CGA-173506/CGA-293343/CGA-329351 328FS: Skin Irritation Study in the Rabbit: Final Report. Project Number: EB4988, 2228/02, CTL/EB/4988/REGULATORY/REPORT. Unpublished study prepared by: Central Toxicology Lab. (Syngenta). 32 p. |
| 46308307 | Kuhn, J. (2004) Acute Dermal Irritation Study in Rabbits: Fludioxonil/Thiamethoxam/Mefenoxam/Azoxystrobin FS (A14115A): Final Report. Project Number: 8013/03, 8877/03. Unpublished study prepared by Stillmeadow, Inc. 11 p. |
| 46412803 | Tisdel, M. (2004) Summary of Acute Toxicology Studies with Thiamethoxam FS (600) (A9765N). Project Number: T021615/04, 8545/04, 8546/04. Unpublished study prepared by Syngenta Crop Protection, Inc. 7 p. |
| 46412808 | Kuhn, J. (2004) Thiamethoxam FS (600) (A9765N): Acute Dermal Irritation Study in Rabbits: Final Report. Project Number: 8549/04, T016725/04. Unpublished study prepared by Stillmeadow, Inc. 11 p. |
| 46709007 | Merkel, D. (2004) Primary Skin Irritation Study in Rabbits with Fludioxonil/Thiamethoxam/Mefenoxam FS (A14379B): Final Report. Project Number: T018955/04, 16024, P326. Unpublished study prepared by Product Safety Laboratories. 15 p. |
| 46716307 | Kuhn, J. (2003) Fludioxonil/Thiamethoxam FS (084/336) (A14382A): Acute Dermal Irritation Study in Rabbits: Final Report. Project Number: 8710/04, T001652/04. Unpublished study prepared by Stillmeadow, Inc. 11 p. |
| 46948105 | Tisdel, M. (2006) Summary of Acute Toxicology Studies with Thiamethoxam RB (0.01)(A15236A). Project Number: T004146/06. Unpublished study prepared by Syngenta Crop Protection, Inc. 10 p. |
| 46948109 | Kuhn, J. (2005) Thiamethoxam RB (0.01)(A15236A): Acute Dermal Irritation Study in Rabbits: Final Report. Project Number: 9490/05, T012882/05. Unpublished study prepared by Stillmeadow, Inc. 18 p. |
| 47092507 | Kuhn, J. (2006) Fludioxonil/Thiamethoxam/Mefenoxam SE (012/240/8/035/9)(A14909F): Acute Dermal Irritation Study in Rabbits: Final Report. Project Number: 10114/06, T003025/06. Unpublished study prepared by Stillmeadow Inc. 14 p. |
| 47111706 | Kuhn, J. (2006) Thiamethoxam GR (0.33) (A12195E): Acute Dermal Irritation Study in Rabbits: Final Report. Project Number: 10106/06, T002571/06. Unpublished study prepared by Stillmeadow, Inc. 14 p. |
| 47111804 | Kuhn, J. (2006) Thiamethoxam GR (0.22) (A11859G) Acute Dermal Irritation Study in Rabbits: (Thiamethoxam Lawn & Landscape 0.22G): Final Report. Project Number: 10109/06, T002574/06. Unpublished study prepared by Stillmeadow, Inc. 14 p. |
| 47176507 | Arcelin, G. (2007) Thiamethoxam 75SG (A9549C) - Primary Skin Irritation Study in Rabbits (4-Hour Semi-Occlusive Application): Final Report. Project Number: B10168, T007893/05. Unpublished study prepared by RCC Ltd. 29 p. |
| 47234707 | Kuhn, J. (2007) Lambda-Cyhalothrin/Thiamethoxam GR-B (0.04/0.2) (A15008B)- Acute Dermal Irritation Study in Rabbits: Final Report. Project Number: 10855/07, T001199/07. Unpublished study prepared by Stillmeadow, Inc. 12 p. |
| 47246707 | Durando, J. (2007) Difenoconazole/Thiamethoxam/Mefenoxam FS (A15424C) - Primary Skin Irritation in Rabbits: Final Report. Project Number: 22027, T001193/07. Unpublished study prepared by Product Safety Laboratories. 14 p. |
| 47420907 | Ott, M. (2006) Chlorantraniliprole (SYN545170)/ Thiamethoxam (CGA293343) SC (A15452B): Chlorantraniliprole/Thiamethoxam SC (A15452B)- Primary Skin Irritation Study in Rabbits (4-hour Semi-Occlusive Application): Final Report. Project Number: A95714, T007837/05. Unpublished study prepared by RCC Ltd. 28 p. |
| 47424107 | Esposito, M. (2007) Chlorantraniliprole (SYN545170)/ Thiamethoxam (CGA293343) WG (A15645A): Chlorantraniliprole/ Thiamethoxam WG (A15645A) Formulation- Primary Skin Irritation Study in Rabbits (4 - Hour Semi-Occlusive Application): Final Report. Project Number: B19258, T002172/06. Unpublished study prepared by RCC Ltd. 29 p. |
| 47424307 | Durando, J. (2007) Abamectin/Thiamethoxam FS (147.69/334.71) (A16115A) - Primary Skin Irritation in Rabbits: Final Report. Project Number: 22628, T001518/07. Unpublished study prepared by Product Safety Laboratories. 14 p. |
| 47579604 | Durando, J. (2008) Lambda-Cyhalothrin/Thiamethoxam ME (A16424B)-Primary Skin Irritation in Rabbits: Final Report. Project Number: T008366/07, 23597. Unpublished study prepared by Product Safety Laboratories. 14 p. |
| 47579709 | Durando, J. (2008) Lambda-Cyhalothrin/Thiamethoxam ME (A16423B) - Primary Skin Irritation in Rabbits: Final Report. Project Number: T008362/07, 23611. Unpublished study prepared by Product Safety Laboratories. 15 p. |
| 47618404 | Lowe, C. (2007) Thiamethoxam GR (.2) (A16245 A) - Primary Skin Irritation in Rabbits: Final Report. Project Number: 22698, T002637/07, 507289. Unpublished study prepared by Product Safety Laboratories. 15 p. |
| 47702707 | Durando, J. (2008) Abamectin/Thiamethoxam SC (A15543C) - Primary Skin Irritation in Rabbits: Final Report. Project Number: 24044, T007685/07. Unpublished study prepared by Eurofins-Product Safety Laboratories. 16 p. |
| 47722907 | Durando, J. (2009) Abamectin/Thiamethoxam FS (A17015A) - Primary Skin Irritation in Rabbits: Final Report. Project Number: 26009, T007239/08. Unpublished study prepared by Eurofins-Product Safety Laboratories. 16 p. |
| 47915214 | Whaley, S. (2009) Waiver Request not to Perform Acute Oral (in Rats), Acute Dermal (in Rats), Primary Eye (in Rabbits), Primary Dermal (in Rabbits), and Dermal Sensitization (in Guinea Pigs) Testing on Agita 1GB Fly Bait. Unpublished study prepared by Novartis Animal Health US, Inc. 8 p. |
| 47919812 | Kuhn, J. (2009) Difenoconazole/Thiamethoxam/Mefenoxam/Sedaxane FS (A17511B) - Acute Dermal Irritation Study in Rabbits: Final Report. Project Number: TK0008474/OCR, 13317/09/OCR. Unpublished study prepared by Stillmeadow, Inc. 13 p. |
| 47919817 | Peffer, R. (2010) A17511B: Difenoconazole 36.9 g/L + Thiamethoxam 30.7 g/L + Metalaxyl-M 9.5 g/L + Sedaxane 8.0 g/L: Document M-III, Section 3: Toxicological Studies. Project Number: A17511B/10015/OCR, A17511B/10015. Unpublished study prepared by Syngenta Crop Protection, Inc. 97 p. |
| 47934704 | Durando, J. (2009) Difenoconazole/ Thiamethoxam/ Lambda Cyhalothrin ME RTU (A17570B): Primary Skin Irritation in Rabbits: Final Report. Project Number: 28043, TK0012562. Unpublished study prepared by Eurofins/Product Safety Laboratories. 16 p. |
| 47934908 | Durando, J. (2009) Difenoconazole/Thiamethoxam/Lambda-Cyhalothrin ME (A17571B) - Primary Skin Irritation in Rabbits: Final Report. Project Number: 27992, TK0012563. Unpublished study prepared by Eurofins/Product Safety Laboratories. 16 p. |
| 47962507 | Durando, J. (2009) Azoxystrobin/Fludioxonil/Thiamethoxam/Mefenoxam FS (A17469B): Primary Skin Irritation in Rabbits: Final Report. Project Number: TK0017447, 28151, TK0017447/OCR. Unpublished study prepared by Eurofins/Product Safety Laboratories. 16 p. |
| 47973306 | Johnson, I. (2003) Thiamethoxam CGA-293343 RB-D: Skin Irritation Study in the Rabbit: Final Report. Project Number: TK0025986/OCR, EB5061, CTL/EB5061/REGULATORY/REPORT. Unpublished study prepared by Central Toxicology Laboratory. 21 p. |
| 48081707 | Durando, J. (2010) Azoxystrobin/Fludioxonil/Thiamethoxam/Mefenoxam FS (A18046A): Primary Skin Irritation in Rabbits: Final Report. Project Number: TK0024875/OCR, 28989/OCR. Unpublished study prepared by Eurofins/Product Safety Laboratories. 17 p. |
| 48300807 | Durando, J. (2010) Thiabendazole/Abamectin/Azoxystrobin/Fludioxonil/Thiamethoxam/Metalaxyl-M FS - (A18043A) - Primary Skin Irritation in Rabbits: Final Report. Project Number: TK0024242, 30250, TK0024242/OCR. Unpublished study prepared by Eurofins/Product Safety Laboratories. 17 p. |
| 48342601 | Alexander, O. (2011) Summary of Acute Toxicity Studies Conducted with the End-Use Product Premix Formulation Variants, (A18112D) & (A18112C), Containing the Active Ingredients Thiabendazole/Abamectin/Azoxystrobin/Fludioxonil/Thiamethoxam/Mefenoxam and a Rational Demonstrating Chemical Similarity and Toxicological Equivalence of those Variants. Project Number: TK0056253/OCR. Unpublished study prepared by Syngenta Crop Protection. 22 p. |
| 48342608 | Durando, J. (2010) Thiabendazole/Abamectin/Azoxystrobin/Fludioxonil/Thiamethoxam/Mefenoxam FS (A18112D) - Primary Skin Irritation in Rabbits: Final Report. Project Number: TK0041698/OCR, 30466. Unpublished study prepared by Eurofins/Product Safety Laboratories. 17 p. |
| 48381507 | Durando, J. (2011) Azoxystrobin/Thiamethoxam GR (A18445A) - Primary Skin Irritation in Rabbits: Final Report. Project Number: TK0040202/OCR, 31170. Unpublished study prepared by Eurofins/Product Safety Laboratories. 17 p. |
| 48432508 | Zelenak, V. (2010) Cyantraniliprole/Thiamethoxam WG (A16901B) - Primary Skin Irritation Study in Rabbits: Final Report. Project Number: TK0005995, 10/056/006N. Unpublished study prepared by LAB International Research Centre Hungary, Ltd. 26 p. |
| 48491907 | Durando, J. (2011) Thiabendazole/Fludioxonil/Thiamethoxam/Metalaxyl-M (A18212C) - Primary Skin Irritation in Rabbits: Final Report. Project Number: TK0056033/OCR, 31684. Unpublished study prepared by Eurofins/Product Safety Laboratories. 16 p. |
| 48506807 | Durando, J. (2011) Difenoconazole/Fludioxonil/Thiamethoxam FS (A18232A): Primary Skin Irritation in Rabbits: Final Report. Project Number: TK0056249/OCR, 31736, A18232A/50014. Unpublished study prepared by Eurofins/Product Safety Laboratories. 16 p. |
| 48540907 | Durando, J. (2011) Fludioxonil/Thiamethoxam/Metalaxyl-M FS (A18901A) - Primary Skin Irritation in Rabbits: Final Report. Project Number: TK0056039, 31691, TK0056039/OCR. Unpublished study prepared by Eurofins/Product Safety Laboratories. 16p. |
| 48579707 | Durando, J. (2011) Lambda-Cyhalothrin/Thiamethoxam SC (A18484A) - Primary Skin Irritation in Rabbits: Final Report. Project Number: TK0040059/OCR 31189. Unpublished study prepared by Eurofins/Product Safety Laboratories. 16p. |
| 48644007 | Durando, J. (2011) Azoxystrobin/Fludioxonil/Thiamethoxam/Metalaxyl-M (A17461A) - Primary Skin Irritation in Rabbits: Final Report. Project Number: TK0045655, 31135, TK0045655/OCR. Unpublished study prepared by Eurofins/Product Safety Laboratories. 17p. |
| 48667607 | Durando, J. (2008) Abamectin/Thiamethoxam SC (A15913B) - Primary Skin Irritation in Rabbits: Final Report. Project Number: T007679/07/OCR 24039. Unpublished study prepared by Eurofins/Product Safety Laboratories. 16p. |
| 48682407 | Durando, J. (2012) Azoxystrobin/Fludioxonil/Thiamethoxam/Metalaxyl-M FS (A19092D) - Primary Skin Irritation in Rabbits: Final Report. Project Number: TK0055031/OCR, 33300. Unpublished study prepared by Eurofins/Product Safety Laboratories. 18p. |
| 48682507 | Durando, J. (2012) Thiabendazole/Azoxystrobin/Fludioxonil/Thiamethoxam/Metalaxyl-M FS (A19093D) - Primary Skin Irritation in Rabbits: Final Report. Project Number: TK0060683/OCR, 33292. Unpublished study prepared by Eurofins/Product Safety Laboratories. 18p. |
| 48758407 | Durando, J. (2012) Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane FS (A19511A) - Primary Skin Irritation in Rabbits: Final Report. Project Number: TK0054960/OCR, 33457. Unpublished study prepared by Eurofins/Product Safety Laboratories. 18p. |
| 48836007 | McKenzie, A. (2012) Abamectin/Fludioxonil/Thiamethoxam/Metalaxyl-M FS (A19409A) - Primary Skin Irritation in Rabbits: Final Report. Project Number: TK0105101/OCR, 33754. Unpublished study prepared by Eurofins/Product Safety Laboratories. 18p. |
| 48836207 | Durando, J. (2012) Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane FS (A19094D) - Primary Skin Irritation in Rabbits: Final Report. Project Number: TK0064566, 33286. Unpublished study prepared by Eurofins/Product Safety Laboratories. 18p. |
| 48836407 | Durando, J. (2011) Lambda-Cyhalothrin/Thiamethoxam ZC (A18481A) - Primary Skin Irritation in Rabbits: Final Report. Project Number: TK0053969/OCR, 31195. Unpublished study prepared by Eurofins/Product Safety Laboratories. 17p. |
| 49070408 | Beidler, T.; Peffer, R.; Hofstra, A.; et al. (2013) Thiamethoxam/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxane FS: A19997A: Document M-III, Section 3: Toxicological Studies. Unpublished study prepared by Syngenta Crop Protection, LLC. 34p. |
| 49070412 | Durando, J. (2013) Fludioxonil/Thiamethoxam/Metalaxyl-M (Mefenoxam)/Sedaxane FS (A19997A) - Primary Skin Irritation in Rabbits: Final Report Amendment 1. Project Number: TK0067611/OCR, 36002. Unpublished study prepared by Eurofins/Product Safety Laboratories. 19p. |
| 49120111 | Durando, J. (2013) Difenoconazole/Fludioxonil/Thiamethoxam/Metalaxyl-M (Mefenoxam)/Sedaxane FS (A20477A) - Primary Skin Irritation in Rabbits: Final Report. Project Number: TK0068472, 36009. Unpublished study prepared by Eurofins/Product Safety Laboratories. 18p. |
| 49120204 | McCain, P. (2013) Thiamethoxam/Difenoconazole/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxan: A20307A: Document M-III, Section 3: Toxicological Studies. Project Number: TK0215391/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 31p. |
| 49120212 | Durando, J. (2013) Difenoconazole/Fludioxonil/Thiamethoxam/Metalaxyl-M (Mefenoxam)/Sedaxane FS (A20307A) - Primary Skin Irritation in Rabbits: Final Report. Project Number: TK0067824/OCR, 36410. Unpublished study prepared by Eurofins/Product Safety Laboratories. 18p. |
| 49283011 | Durando, J. (2014) Difenoconazole/Fludioxonil/Thiamethoxam/Sedaxane FS (A20588A) - Primary Skin Irritation in Rabbits: Final Report. Project Number: TK0068330, 37259. Unpublished study prepared by Eurofins/Product Safety Laboratories. 18p. |
| 49283016 | Beidler, T.; Peffer, R.; Hofstra, A.; et al. (2014) Thiamethoxam/Fludioxonil/Difenoconazole/Sedaxane FS: A20588A: Document M-III, Section 3: Toxicological Studies. Project Number: TK0223654. Unpublished study prepared by Syngenta Crop Protection, LLC. 32p. |
| 49326107 | Durando, J. (2014) Lambda-Cyhalothrin/Azoxystrobin/Propiconazole/Thiamethoxam ZE (A20007C) - Primary Skin Irritation in Rabbits: Final Report. Project Number: TK0063387, 37237. Unpublished study prepared by Eurofins/Product Safety Laboratories. 18p. |
| 49383907 | Durando, J. (2014) Thiabendazole/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane FS (A21073A) - Primary Skin Irritation in Rabbits: Final Report. Project Number: TK0071683, 38704. Unpublished study prepared by Syngenta Crop Protection, LLC. 20p. |
| 49524312 | Durando, J. (2015) Thiabendazole/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane FS (A21174B) - Primary Skin Irritation in Rabbits: Final Report. Project Number: TK0149619, 39381. Unpublished study prepared by Product Safety Laboratories. 20p. |
| 49524407 | Durando, J. (2015) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane/Gibberellin A4/A7/Indolebutyric acid/Kinetin FS (A21185B) - Primary Skin Irritation in Rabbits - Final Report. Project Number: TK0067184, 39559. Unpublished study prepared by Product Safety Laboratories. 20p. |
| 49712209 | Durando, J. (2015) A20903A - Primary Skin Irritation in Rabbits: Final Report. Project Number: 40544. Unpublished study prepared by Product Safety Laboratories. 23p. |
| 49713112 | Durando, J. (2015) Final Report: Pasteuria Nishizawae/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane - Pasteuria nishizawae/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane SC (A21324J) - Primary Skin Irritation in Rabbits. Project Number: TK0201785, 40858. Unpublished study prepared by Product Safety Laboratories. 22p. |
| 49984006 | Lowe, C. (2016) F4189-1: Primary Skin Irritation in Rabbits. Project Number: 42847, 2016TOX/THI2436, P326/FMC. Unpublished study prepared by Product Safety Laboratories. 34p. |
| 50424112 | Durando, J. (2017) Azoxystrobin/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane FS (A22353A) - Primary Skin Irritation in Rabbits: Final Report. Project Number: TK0236567, 46169. Unpublished study prepared by Product Safety Labs. 24p. |
| 50424113 | Varga-Kanizsai, B. (2017) Azoxystrobin/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane FS (A22353A) - In Vitro Skin Irritation Test in the EPISKIN(TM) Model: Final Report. Project Number: TK0314301, 17/138/043B. Unpublished study prepared by CiToxLab Hungary Ltd. 35p. |
| 50588210 | Orovecz, B. (2018) Final Report: Thiabendazole/Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane FS (A22388B) - In Vitro Eye Irritation Test in Isolated Chicken Eyes. Project Number: TK0318355, 18/036/038CS. Unpublished study prepared by CiToxLab Hungary Ltd. 34p. |
| 50588212 | Zelenak, V. (2018) Final Report: Thiabendazole/Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane FS (A22388B) - Primary Skin Irritation Study in Rabbits. Project Number: TK0266403, 18/036/006N. Unpublished study prepared by CiToxLab Hungary Ltd. 31p. |
| 51049115 | Khan, M. (2008) Acute Dermal Irritation/Corrosion Study in Rabbits with Thiamethoxam WDO. Project Number: 0317. Unpublished study prepared by Sharda International FZE. 24p. |
| 51134207 | Deenath, V. (2020) Acute Dermal Irritation/Corrosion Study of Thiamethoxam 40% WDG in New Zealand White Rabbits: Final Report. Project Number: 6972/2019. Unpublished study prepared by Bioscience Research Foundation. 26p. |
| 51221108 | Hardie, R. (2020) Acute Dermal Irritation/Corrosion Study with Thiamethoxam 12.6% + Lambdacyhalothrin 9.48% ZC in New Zealand White Rabbits. Project Number: 19583. Unpublished study prepared by Palamur Biosciences Private Limited. 35p. |
| 51229006 | Durando, J. (2020) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane/Isocycloseram FS (A23273A) - Primary Skin Irritation in Rabbits. Project Number: 53198. Unpublished study prepared by Product Safety Laboratories. 25p. |
| 51229007 | Orosz, I. (2020) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane/Isocycloseram FS (A23273A) - In Vitro Skin Irritation Test in the EpiDerm Model (EPI-200-SIT). Project Number: 20/163/043B. Unpublished study prepared by Charles River Laboratories Hungary Kft. 37p. |
| 51229106 | Durando, J. (2020) Difenoconazole/Thiamethoxam/Metalaxyl-M/ Sedaxane/Isocycloseram FS (A23250A) ¿ Primary Skin Irritation in Rabbits: Final Report. Project Number: 53111, TK0543538. Unpublished study prepared by Product Safety Laboratories. 26p. |
| 51229107 | Tóth-Gönczöl, K. (2020) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane/Isocycloseram FS (A23250A) ¿ In Vitro Skin Irritation Test in the EPISKINTM Model: Final Report. Project Number: 20/121/043B, TK0543536. Unpublished study prepared by Charles River Laboratories Hungary Kft. 34p. |
| 51288405 | Durando, J. (2020) Picarbutrazox/Fludioxonil/Thiamethoxam/Metalaxy-M/Sedaxane FS (A23240C): Primary Skin Irritation in Rabbits. Project Number: 53812. Unpublished study prepared by Product Safety Labs. 25p. |
| 51288410 | Durando, J. (2020) Picarbutrazox / Fludioxonil / Thiamethoxam / Metalaxyl-M / Sedaxane FS (A23240B) Primary Skin Irritation in Rabbits. Project Number: 52917. Unpublished study prepared by Product Safety Labs. 24p. |
| 51625710 | Durando, J. (2021) ST Premix IPZ-4: Primary Skin Irritation in Rabbits. Project Number: 55481. Unpublished study prepared by Product Safety Laboratories. 18p. |

### 870.2600       Skin sensitization

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46016906 | Johnson, I. (2002) CGA-173506/CGA-293343/CGA-329351 328FS: Skin Sensitisation Study in the Guinea Pig: Final Report. Project Number: GG7655, 2229/02, CTL/GG765555/REGULATORY/REPORT. Unpublished study prepared by Central Toxicology Lab. (Syngenta). 43 p. |
| 46308308 | Kuhn, J. (2004) Skin Sensitization Study in Guinea Pigs: Fludioxonil/Thiamethoxam/Mefenoxam/Azoxystrobin FS (A14115A): Final Report. Project Number: 8014/03, 8879/03, 7872/03. Unpublished study prepared by Stillmeadow, Inc. 18 p. |
| 46412803 | Tisdel, M. (2004) Summary of Acute Toxicology Studies with Thiamethoxam FS (600) (A9765N). Project Number: T021615/04, 8545/04, 8546/04. Unpublished study prepared by Syngenta Crop Protection, Inc. 7 p. |
| 46412809 | Kuhn, J. (2004) Thiamethoxam FS (600) (A9765N): Skin Sensitization Study in Guinea Pigs: Final Report. Project Number: 8550/04, T016726/04. Unpublished study prepared by Stillmeadow, Inc. 17 p. |
| 46709008 | Moore, G. (2005) Dermal Sensitization Study in Guinea Pigs (Buehler Method) with Fludioxonil/Thiamethoxam, Mefenoxam FS (012.7/255.5/019.2) (A14379B): Final Report. Project Number: 17326, T002744/05, P328. Unpublished study prepared by Product Safety Laboratories. 23 p. |
| 46716308 | Kuhn, J. (2005) Fludioxonil/Thiamethoxam FS (084/336) (A14382A): Skin Sensitization Study in Guinea Pigs. Project Number: 9168/05, T005125/03. Unpublished study prepared by Stillmeadow, Inc. 17 p. |
| 46948105 | Tisdel, M. (2006) Summary of Acute Toxicology Studies with Thiamethoxam RB (0.01)(A15236A). Project Number: T004146/06. Unpublished study prepared by Syngenta Crop Protection, Inc. 10 p. |
| 46948110 | Kuhn, J. (2006) Thiamethoxam RB (0.01)(A15236A): Skin Sensitization Study in Guinea Pigs: Final Report. Project Number: 9723/06, T012883/05. Unpublished study prepared by Stillmeadow, Inc. 19 p. |
| 47092508 | Kuhn, J. (2006) Fludioxonil/Thiamethoxam/Mefenoxam SE (012/240/8/035/9)(A14909F): Skin Sensitization Study in Guinea Pigs: Final Report. Project Number: 10115/06, T003026/06. Unpublished study prepared by Stillmeadow Inc. 19 p. |
| 47111707 | Kuhn, J. (2006) Thiamethoxam GR (0.33) (A12195E): Skin Sensitization Study in Guinea Pigs: Final Report. Project Number: 10107/06, T002572/06. Unpublished study prepared by Stillmeadow, Inc. 19 p. |
| 47176508 | Arcelin, G. (2007) Thiamethoxam 75SG (A9549C) - Contact Hypersensitivity in Albino Guinea Pigs, Buehler Test (9-Induction): Final Report. Project Number: B10192, T007895/05. Unpublished study prepared by RCC, Ltd. 53 p. |
| 47234708 | Kuhn, J. (2007) Lambda-Cyhalothrin/Thiamethoxam GR-B (0.04/0.2) (A15008B)- Skin Sensitization Study in Guinea Pigs: Final Report. Project Number: 10856/07, T001200/07. Unpublished study prepared by Stillmeadow, Inc. 17 p. |
| 47246708 | Durando, J. (2007) Difenoconazole/Thiamethoxam/Mefenoxam FS (A15424C) - Dermal Sensitization Test - Buehler Method (Guinea Pigs): Final Report. Project Number: 22028, T001194/07. Unpublished study prepared by Product Safety Laboratories. 22 p. |
| 47420908 | Sattler, K. (2006) Chlorantraniliprole (SYN545170)/ Thiamethoxam (CGA293343) SC (A15452B): Chlorantraniliprole/Thiamethoxam SC (A15452B)- Skin Sensitisation Study (Nine Induction Dose Buehler Test): Final Report. Project Number: SYN28, ARC/L/2243, T007839/05. Unpublished study prepared by Austrian Research Center (ARC). 32 p. |
| 47424108 | Sattler, K. (2007) Chlorantraniliprole (SYN545170)/ Thiamethoxam (CGA293343) WG (A15645A): Chlorantraniliprole/ Thiamethoxam WG (A15645A) - Skin Sensitization Study (Nine Induction Dose Buehler Test): Final Report. Project Number: SYN30, ARC/L/2426, T002174/06. Unpublished study prepared by Austrian Research Center (ARC). 32 p. |
| 47424308 | Durando, J. (2007) Abamectin/ Thiamethoxam FS (147.69/334.71) (A16115A) - Buehler Method: Final Report. Project Number: 22629, T001519/07. Unpublished study prepared by Product Safety Laboratories. 22 p. |
| 47579710 | Durando, J. (2008) Lambda-Cyhalothrin/Thiamethoxam ME (A16423B) - Dermal Sensitization Test - Buehler Method: Final Report. Project Number: T002802/07, 25231. Unpublished study prepared by Product Safety Laboratories. 24 p. |
| 47702708 | Durando, J. (2008) Abamectin/Thiamethoxam SC (A15543C) - Dermal Sensitization Test - Buehler Method: Final Report. Project Number: 24045, T007686/07. Unpublished study prepared by Eurofins-Product Safety Laboratories. 28 p. |
| 47722908 | Durando, J. (2009) Abamectin/Thiamethoxam FS (A17015A) - Dermal Sensitization Study in Guinea Pigs - Buehler Method: Final Report. Project Number: 26010, T007240/08. Unpublished study prepared by Eurofins-Product Safety Laboratories. 25 p. |
| 47915214 | Whaley, S. (2009) Waiver Request not to Perform Acute Oral (in Rats), Acute Dermal (in Rats), Primary Eye (in Rabbits), Primary Dermal (in Rabbits), and Dermal Sensitization (in Guinea Pigs) Testing on Agita 1GB Fly Bait. Unpublished study prepared by Novartis Animal Health US, Inc. 8 p. |
| 47919814 | Kuhn, J. (2009) Difenoconazole/Thiamethoxam/Mefenoxam/Sedaxane FS (A17511B) - Skin Sensitization Study in Guinea Pigs: Final Report. Project Number: TK0008471/OCR, 13318/09/OCR. Unpublished study prepared by Stillmeadow, Inc. 18 p. |
| 47919817 | Peffer, R. (2010) A17511B: Difenoconazole 36.9 g/L + Thiamethoxam 30.7 g/L + Metalaxyl-M 9.5 g/L + Sedaxane 8.0 g/L: Document M-III, Section 3: Toxicological Studies. Project Number: A17511B/10015/OCR, A17511B/10015. Unpublished study prepared by Syngenta Crop Protection, Inc. 97 p. |
| 47934909 | Durando, J. (2009) Difenoconazole/Thiamethoxam/Lambda-Cyhalothrin ME (A17571B) - Dermal Sensitization Test - Buehler Method: Final Report. Project Number: 27993, TK0012560. Unpublished study prepared by Eurofins/Product Safety Laboratories. 26 p. |
| 47962508 | Durando, J. (2009) Azoxystrobin/Fludioxonil/Thiamethoxam/Mefenoxam FS (A17469B): Dermal Sensitization Test: Buehler Method: Final Report. Project Number: TK0017480, 28152, TK0017480/OCR. Unpublished study prepared by Eurofins/Product Safety Laboratories. 26 p. |
| 47973307 | Kuhn, J. (2004) Thiamethoxam: Skin Sensitization Study in Guinea Pigs (A13934D): Final Report. Project Number: T002907/03/OCR, 7832/03, 426655. Unpublished study prepared by Stillmeadow, Inc. 18 p. |
| 48081708 | Durando, J. (2010) Azoxystrobin/Fludioxonil/Thiamethoxam/Mefenoxam FS (A18046A): Dermal Sensitization Test: Buehler Method: Final Report. Project Number: TK0024874/OCR, 28990/OCR. Unpublished study prepared by Eurofins/Product Safety Laboratories. 25 p. |
| 48300808 | Durando, J. (2010) Thiabendazole/Abamectin/Azoxystrobin/Fludioxonil/Thiamethoxam/Metalaxyl-M FS - (A18043A) - Dermal Sensitization Test (in Guinea Pigs) - Buehler Method: Final Method. Project Number: TK0024243, 30251, TK0024243/OCR. Unpublished study prepared by Eurofins/Product Safety Laboratories. 25 p. |
| 48342601 | Alexander, O. (2011) Summary of Acute Toxicity Studies Conducted with the End-Use Product Premix Formulation Variants, (A18112D) & (A18112C), Containing the Active Ingredients Thiabendazole/Abamectin/Azoxystrobin/Fludioxonil/Thiamethoxam/Mefenoxam and a Rational Demonstrating Chemical Similarity and Toxicological Equivalence of those Variants. Project Number: TK0056253/OCR. Unpublished study prepared by Syngenta Crop Protection. 22 p. |
| 48342609 | Durando, J. (2010) Thiabendazole/Abamectin/Azoxystrobin/Fludioxonil/Thiamethoxam/Mefenoxam FS (A18112D) - Dermal Sensitization Test - Buehler Method: Final Report. Project Number: TK0041699/OCR, 30467. Unpublished study prepared by Eurofins/Product Safety Laboratories. 25 p. |
| 48381508 | Durando, J. (2011) Azoxystrobin/Thiamethoxam GR (A18445A) - Dermal Sensitization Test - Buehler Method: (Guinea Pigs): Final Report. Project Number: TK0040200/OCR, 31171. Unpublished study prepared by Eurofins/Product Safety Laboratories. 26 p. |
| 48432510 | Torok-Batho, M. (2010) Cyantraniliprole/Thiamethoxam WG (A16901B) - Skin Sensitization in Guinea Pigs by the Buehler Method (3 Induction): Final Report. Project Number: TK0005993, 10/056/104T. Unpublished study prepared by LAB International Research Centre Hungary, Ltd. 32 p. |
| 48491908 | Durando, J. (2011) Thiabendazole/Fludioxonil/Thiamethoxam/Metalaxyl-M (A18212C) - Dermal Sensitization Test - Buehler Method (in Guinea Pigs): Final Report. Project Number: TK0013780/OCR, 31685. Unpublished study prepared by Eurofins/Product Safety Laboratories. 26 p. |
| 48506808 | Durando, J. (2011) Difenoconazole/Fludioxonil/Thiamethoxam FS (A18232A): Dermal Sensitization Test - Buehler Method (in Guinea Pigs). Project Number: TK0056247/OCR, 31737, A18232A/50012. Unpublished study prepared by Eurofins/Product Safety Laboratories. 25 p. |
| 48540908 | Durando, J. (2011) Fludioxonil/Thiamethoxam/Metalaxyl-M FS (A18901A) - Dermal Sensitization Test - Buehler Method (in Guinea Pigs): Final Report. Project Number: TK0056037, 31692, TK0056037/OCR. Unpublished study prepared by Eurofins/Product Safety Laboratories. 26p. |
| 48579708 | Durando, J. (2011) Lambda-Cyhalothrin/Thiamethoxam SC (A18484A) - Dermal Sensitization Test - Buehler Method: (Guinea Pigs): Final Report. Project Number: TK0057114/OCR 31742. Unpublished study prepared by Eurofins/Product Safety Laboratories. 27p. |
| 48644008 | Durando, J. (2011) Azoxystrobin/Fludioxonil/Thiamethoxam/Metalaxyl-M (A17461A) - Dermal Sensitization Test - Buehler Method: Final Report. Project Number: TK0045656, 31136, TK0045656/OCR. Unpublished study prepared by Eurofins/Product Safety Laboratories. 26p. |
| 48667608 | Durando, J. (2008) Abamectin/Thiamethoxam SC (A15913B) - Dermal Sensitization Test - Buehler Method (in Guinea Pig): Final Report. Project Number: T007680/07/OCR 24040. Unpublished study prepared by Eurofins/Product Safety Laboratories. 26p. |
| 48682408 | Durando, J. (2012) Azoxystrobin/Fludioxonil/Thiamethoxam/Metalaxyl-M FS (A19092D) - Dermal Sensitization Test - Buehler Method: (Guinea Pigs): Final Report. Project Number: TK0055032/OCR, 33301. Unpublished study prepared by Eurofins/Product Safety Laboratories. 28p. |
| 48682508 | Durando, J. (2012) Thiabendazole/Azoxystrobin/Fludioxonil/Thiamethoxam/Metalaxyl-M FS (A19093D) - Dermal Sensitization Test - Buehler Method: Final Report. Project Number: TK0060684/OCR, 33293. Unpublished study prepared by Eurofins/Product Safety Laboratories. 28p. |
| 48758408 | Durando, J. (2012) Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane FS (A19511A) - Dermal Sensitization Test (in Guinea Pigs) - Buehler Method: Final Report. Project Number: TK0054961/OCR, 33458. Unpublished study prepared by Eurofins/Product Safety Laboratories. 28p. |
| 48836008 | McKenzie, A. (2012) Abamectin/Fludioxonil/Thiamethoxam/Metalaxyl-M FS (A19409A) - Dermal Sensitization Test - Buehler Method: Final Report. Project Number: TK0014667/OCR, 33755. Unpublished study prepared by Eurofins/Product Safety Laboratories. 27p. |
| 48836208 | Durando, J. (2012) Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane FS (A19094D) - Dermal Sensitization Test - Buehler Method: Final Report. Project Number: TK0064564, 33287. Unpublished study prepared by Eurofins/Product Safety Laboratories. 28p. |
| 48836408 | Durando, J. (2011) Lambda-Cyhalothrin/Thiamethoxam ZC (A18481A) - Dermal Sensitization Test (in Guinea Pigs) - Buehler Method: Final Report. Project Number: TK0053970/OCR, 31196. Unpublished study prepared by Eurofins/Product Safety Laboratories. 29p. |
| 49070408 | Beidler, T.; Peffer, R.; Hofstra, A.; et al. (2013) Thiamethoxam/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxane FS: A19997A: Document M-III, Section 3: Toxicological Studies. Unpublished study prepared by Syngenta Crop Protection, LLC. 34p. |
| 49070414 | Durando, J. (2013) Fludioxonil/Thiamethoxam/Metalaxyl-M (Mefenoxam)/Sedaxane FS (A19997A) - Local Lymph Node Assay (LLNA) in Mice: Final Report. Project Number: TK0067612/OCR, 36003. Unpublished study prepared by Eurofins/Product Safety Laboratories. 29p. |
| 49120113 | Durando, J. (2013) Difenoconazole/Fludioxonil/Thiamethoxam/Metalaxyl-M (Mefenoxam)/Sedaxane FS (A20477A) - Local Lymph Node Assay (LLNA) in Mice: Final Report. Project Number: TK0068473, 36010. Unpublished study prepared by Eurofins/Product Safety Laboratories. 29p. |
| 49120204 | McCain, P. (2013) Thiamethoxam/Difenoconazole/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxan: A20307A: Document M-III, Section 3: Toxicological Studies. Project Number: TK0215391/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 31p. |
| 49120214 | Durando, J. (2013) Difenoconazole/Fludioxonil/Thiamethoxam/Metalaxyl-M (Mefenoxam)/Sedaxane FS (A20307A) - Local Lymph Node Assay (LLNA) in Mice: Final Report. Project Number: TK0067825/OCR, 36411. Unpublished study prepared by Eurofins/Product Safety Laboratories. 30p. |
| 49283013 | Durando, J. (2014) Difenoconazole/Fludioxonil/Thiamethoxam/Sedaxane FS (A20588A) - Local Lymph Node Assay (LLNA) in Mice: Final Report. Project Number: TK0068331, 37260. Unpublished study prepared by Eurofins/Product Safety Laboratories. 30p. |
| 49283016 | Beidler, T.; Peffer, R.; Hofstra, A.; et al. (2014) Thiamethoxam/Fludioxonil/Difenoconazole/Sedaxane FS: A20588A: Document M-III, Section 3: Toxicological Studies. Project Number: TK0223654. Unpublished study prepared by Syngenta Crop Protection, LLC. 32p. |
| 49326108 | Durando, J. (2014) Lambda-Cyhalothrin/Azoxystrobin/Propiconazole/Thiamethoxam ZE (A20007C) - Local Lymph Node Assay (LLNA) in Mice: Final Report. Project Number: TK0063388, 37238. Unpublished study prepared by Eurofins/Product Safety Laboratories. 31p. |
| 49383908 | Durando, J. (2014) Thiabendazole/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane FS (A21073A) - Local Lymph Node Assay (LLNA) in Mice: Final Report. Project Number: TK0071682, 38705. Unpublished study prepared by Syngenta Crop Protection, LLC. 30p. |
| 49524313 | Durando, J. (2015) Thiabendazole/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane FS (A21174B) - Local Lymph Node Assay (LLNA) in Mice: Final Report. Project Number: TK0149618, 39382. Unpublished study prepared by Product Safety Laboratories. 30p. |
| 49524408 | Durando, J. (2015) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane/Gibberellin A4/A7/Indolebutyric acid/Kinetin FS (A21185B) - Local Lymph Node Assay (LLNA) in Mice - Final Report. Project Number: TK0067185, 39560. Unpublished study prepared by Product Safety Laboratories. 30p. |
| 49712211 | Durando, J. (2015) A20903A - Local Lymph Node Assay (LLNA) in Mice: Final Report. Project Number: 40545. Unpublished study prepared by Product Safety Laboratories. 31p. |
| 49713114 | Durando, J. (2015) Final Report: Pasteuria Nishizawae/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane - Pasteuria nishizawae/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane SC (A21324J) - Local Lymph Node Assay (LLNA) in Mice. Project Number: TK0201784, 40859. Unpublished study prepared by Product Safety Laboratories. 33p. |
| 49984005 | Lowe, C. (2016) F4189-1: Local Lymph Node Assay (LLNA) in Mice. Project Number: 42848, 2016TOX/THI2435, P327/FMC. Unpublished study prepared by Product Safety Laboratories. 42p. |
| 50424114 | Durando, J. (2017) Azoxystrobin/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane FS (A22353A) - Local Lymph Node Assay (LLNA) in Mice: Final Report. Project Number: TK0236566, 45697. Unpublished study prepared by Product Safety Labs. 43p. |
| 50588214 | Durando, J. (2018) Final Report: Thiabendazole/Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane FS (A22388B) - Local Lymph Node Assay (LLNA) in Mice. Project Number: TK0266402, 47555. Unpublished study prepared by Product Safety Laboratories. 40p. |
| 51049116 | Khan, M. (2008) Contact Hypersensitivity in Albino Guinea Pigs, Maximization Test with Thiamethoxam WDG (Magnusson and Kligman Method). Project Number: 0319. Unpublished study prepared by RCC Laboratories India Private Limited. 45p. |
| 51134211 | Deenath, V. (2020) Skin Sensitization Potential of Thiamethoxam 40% WDG in Guinea Pigs: Final Report. Project Number: 6974/2019. Unpublished study prepared by Bioscience Research Foundation. 39p. |
| 51221109 | Hardie, R. (2020) Skin Sensitization Potential with Thiamethoxam 12.6% + Lambdacyhalothrin 9.48% ZC in Guinea Pigs (Guinea Pig Maximization Test of Magnusson and Kligman method). Project Number: 19585. Unpublished study prepared by Palamur Biosciences Private Limited. 44p. |
| 51229010 | Durando, J. (2020) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane/Isocycloseram FS (A23273A) - Local Lymph Node Assay (LLNA) in Mice. Project Number: 53199. Unpublished study prepared by Product Safety Laboratories. 43p. |
| 51229110 | Durando, J. (2020) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane/Isocycloseram FS (A23250A) - Local Lymph Node Assay (LLNA) in Mice: Final Report. Project Number: 53112, TK0543539. Unpublished study prepared by Product Safety Laboratories. 43p. |
| 51288412 | Durando, J. (2020) Picarbutrazox / Fludioxonil / Thiamethoxam / Metalaxyl-M / Sedaxane FS (A23240B): Local Lymph Node Assay (LLNA) in Mice. Project Number: 52918. Unpublished study prepared by Product Safety Labs. 42p. |
| 51625711 | Durando, J. (2021) ST Premix IPZ-4: Dermal Sensitization Test in Guinea Pigs - Buehler Method. Project Number: 55482. Unpublished study prepared by Product Safety Laboratories. 25p. |

### 870.3800       Reproduction and fertility effects

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46402904 | Moxon, M. (2004) Thiamethoxam: Two Generation Reproduction Study in Rats: Final Report. Project Number: RR0941. Unpublished study prepared by ICI Americas Inc. 2463 p. |
| 46919402 | Peffer, R. (2006) Thiamethoxam - External Pathologists' Assessment and Supplemental Data Regarding Testis Pathology in Two Multigeneration Reproduction Studies. Project Number: T005308/06, RR0941, 942121. Unpublished study prepared by Syngenta Crop Protection, Inc. 34 p. |

### 870.6300       Developmental neurotoxicity study

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46028202 | Brammer, A. (2003) Thiamethoxam: Developmental Neurotoxicity Study in Rats: CGA-293343 (Thiamethoxam): Final Report. Project Number: RR0936. Unpublished study prepared by Central Toxicology Lab. (Syngenta). 2334 p. |
| 46919401 | Peffer, R.; Chivers, S. (2006) Thiamethoxam: A Response to EPA Review of Preliminary and Main Developmental Neurotoxicity Studies in Rats. Project Number: T005307/06. Unpublished study prepared by Syngenta Crop Protection, Inc., Central Toxicology Lab. (Syngenta) and Oak Ridge National Laboratory. 65 p. |
| 47034201 | Brammer, A. (2007) Thiamethoxam: Supplement to Developmental Neurotoxicity Study in Rats: (Supplemental to MRID Number 46028202). Project Number: RR0936/REG/S1, RR1101, T011575/06. Unpublished study prepared by Central Toxicology Lab. (Syngenta). 157 p. |

### 870.7485       Metabolism and pharmacokinetics

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46161502 | Briswalter, C. (2003) The Metabolism of [Oxadiazin-4-(Carbon 14)] CGA 293343 in the Mouse After Oral Administration: Thiamethoxam: Final Report. Project Number: 027AM16. Unpublished study prepared by Syngenta Crop Protection, Inc. 72 p. |
| 46161505 | Briswalter, C. (2002) Absorption, Distribution and Excretion of (Oxadiazin-4-(Carbon 14)) CGA 293343 in the Mouse After Oral Administration: Thiamethoxam: Final Report. Project Number: 027AM15. Unpublished study prepared by Syngenta Crop Protection, AG. 41 p. |
| 46161512 | Mewes, K. (2000) Absorption, Metabolism and Excretion of (Oxadiazin-4-(Carbon 14)) CGA 293343 After Dietary Administration of CGA 293343 at Four Dose Levels in the Mouse: Final Report. Project Number: 027AM10. Unpublished study prepared by Novartis Crop Protection, AG. 217 p. |

### 870.7600       Dermal penetration

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 47919817 | Peffer, R. (2010) A17511B: Difenoconazole 36.9 g/L + Thiamethoxam 30.7 g/L + Metalaxyl-M 9.5 g/L + Sedaxane 8.0 g/L: Document M-III, Section 3: Toxicological Studies. Project Number: A17511B/10015/OCR, A17511B/10015. Unpublished study prepared by Syngenta Crop Protection, Inc. 97 p. |
| 48432511 | Runacres, S.; Harris, S. (2011) Cyantraniliprole/Thiamethoxam WG (A16901B) - In vivo Dermal Absorption in the Rat from WG Formulation A16901B: Final Report. Project Number: TK0027021, SGA/56. Unpublished study prepared by Quotient Bioresearch (Rushden) Limited. 70 p. |
| 48432512 | Davies, D. (2011) Cyantraniliprole/Thiamethoxam WG (A16901B) - In vitro Absorption through Human Epidermal Membranes using [14C]-Cyantraniliprole: Final Report. Project Number: TK0024297, JV2139/REG. Unpublished study prepared by Dermal Technology Laboratory, Ltd. 65 p. |
| 48432513 | Davies, D. (2011) Cyantraniliprole/Thiamethoxam WG (A16901B) - In vitro Absorption through Rat Epidermal Membranes using [Carbon 14]-Cyantraniliprole: Final Report. Project Number: TK0024838, JV2140/REG. Unpublished study prepared by Dermal Technology Laboratory, Ltd. 61 p. |

### 870.7800       Immunotoxicity

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 48547101 | Crittenden, P. (2011) Thiamethoxam - A 28-Day Dietary Immunotoxicity Study in B6C3F1 Female Mice: Final Report. Project Number: WIL/639078, TK0020932. Unpublished study prepared by WIL Research Laboratories, Inc. 505p. |

### 875.1100       Dermal exposure--outdoor

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 50604401 | Mileson, B. (2018) Thiamethoxam Occupational Exposure Assessment Banded Spray Application in Poultry House Litter Beetle Control. Project Number: EUS/20180803/1. Unpublished study prepared by Technology Sciences Group Inc. 19p. |

### 875.1200       Dermal exposure--Indoor

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 44715132 | Connelly, C. (1998) 29-Day Dislodgable (sic) Residue Study with CGA-293343 Spot-On in Dogs: Final Report: Lab Project Number: 98-0507: 1030-98: 6975-101. Unpublished study prepared by Covance Laboratories Inc. 126 p. |
| 47024401 | Korpalski, S. (2007) Responses to Technical Issues and Uncertainties Identified in HED Data Evaluation Record for a Commercial Seed Treatment Handler Passive Dosimetry Exposure Study: Thiamethoxam. Unpublished study prepared by Chemtura USA Corporation. 47 p. |
| 49421402 | Lange, B. (2014) Abamectin/Thiamethoxam: Observational Study to Determine Dermal and Inhalation Exposure of Workers in Commercial Seed Treatment Facilities to Abamectin During Cotton Seed Treating and Equipment Cleaning Activities: Final Report. Project Number: S10/00428, TK0028730. Unpublished study prepared by Eurofins Agroscience Services, Inc. 507p. Relates to L0001644. |

### 875.1300       Inhalation exposure--outdoor

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 47946701 | Brinkley, C.; Akins, J.; Minnema, D.; et al. (2010) Abamectin and Thiamethoxam: Request for Waiver of WPS Respirator Requirement for End-Use Products Pending EPA Registration - 2009: Waiver Request. Project Number: TK0024603. Unpublished study prepared by Syngenta Crop Protection, Inc. 147 p. |
| 50604401 | Mileson, B. (2018) Thiamethoxam Occupational Exposure Assessment Banded Spray Application in Poultry House Litter Beetle Control. Project Number: EUS/20180803/1. Unpublished study prepared by Technology Sciences Group Inc. 19p. |

### 875.1400       Inhalation exposure--indoor

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 47024401 | Korpalski, S. (2007) Responses to Technical Issues and Uncertainties Identified in HED Data Evaluation Record for a Commercial Seed Treatment Handler Passive Dosimetry Exposure Study: Thiamethoxam. Unpublished study prepared by Chemtura USA Corporation. 47 p. |
| 49421402 | Lange, B. (2014) Abamectin/Thiamethoxam: Observational Study to Determine Dermal and Inhalation Exposure of Workers in Commercial Seed Treatment Facilities to Abamectin During Cotton Seed Treating and Equipment Cleaning Activities: Final Report. Project Number: S10/00428, TK0028730. Unpublished study prepared by Eurofins Agroscience Services, Inc. 507p. Relates to L0001644. |

### 875.2100       Foliar dislodgeable residue dissipation

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46039901 | Rosenheck, L.; Dixon, M. (2001) Determination of Dislodgeable Foliar Residues on Greenhouse Ornamentals Following a Foliar Spray with Thiamethoxam (CGA-293343): Pilot Study: Thiamethoxam: Final Report. Project Number: 990076, 1203/00. Unpublished study prepared by Central California Research Laboratories. 165 p. |
| 46402915 | Rosenheck, L; Itterly, W. (2004) Determination of Transferable Turf Residues On Turf Treated With The Gransular and Water-Dispersible Granule Formulations of Thiamethoxam (CGA-293343). Project Number: 990079, 1201/00, 1201/00/A. Unpublished study prepared by Central California Research Laboratories, Florida Pesticide Research and Ashgrow Crop Management Systems, Inc. 372 p. |

### 875.2800       Description of human activity

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46494202 | Helmer, D. (2005) Xamox Worker Exposure Estimate for Treating End Cuts. Unpublished study prepared by Janssen Pharmaceutica Inc. 4 p. |

### 875.2900       Data reporting and calculations

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46494201 | Van den Heuvel, H. (2002) Assay of Xamox in a Surface Wipe Test. Project Number: 02048. Unpublished study prepared by Janssen Pharmaceutica Inc. 9 p. |

### 885.1100       Product identity

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 49120104 | McCain, P. (2013) Difenoconazole/ Fludioxonil/ Thiamethoxam/ Metalaxyl-M (Mefenoxam)/ Sedaxane: A20477A: Document M-III: Section 3: Toxicological Studies. Project Number: TK0215395, A20477A. Unpublished study prepared by Syngenta Crop protection, LLC. 31p. |

### 885.1400       Analysis of samples

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 48432534 | Born, R. (2011) A16901B: Cyantraniliprole + Thiamethoxam 200 + 200 g/kg- WG: Document MIII Section 2 - Analytical Methods. Project Number: A16901B/10047. Unpublished study prepared by Syngenta Crop Protection, LLC. 8 p. |

### 885.2250       Nature of the residue in animals

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 49950112 | Fallowfield, L. (2010) Dust from Thiamethoxam: Treated Maize Seed: A Rate-Response Extended Laboratory Test to Evaluate the Effects of Dust Emanating from Dressed Maize Seeds on the Predatory Mite, Typhlodromus pyri (Acari: Phytoseiidae): Final Report. Project Number: SYN/10/28, TK0027576. Unpublished study prepared by Mambo-Tox, Ltd. 39p. |
| 49950113 | Kling, A. (2010) Thiamethoxam (A9700B): Exposure to Dust from A9700B Treated Maize Seeds and the Determination of Residues of Thiamethoxam and CGA322704 in the Honeybee Apis mellifera L. in the Laboratory: Final Report. Project Number: S09/02846, TK0015321. Unpublished study prepared by Eurofins-GAB GmbH. 101p. |
| 49950123 | Jeon, Y. (2007) Chlorantraniliprole + Thiamethoxam SC24.5 (8+16.5): A Foliage Residue Toxicity Study with Honeybee (Apis mellifera): Summary. Project Number: TK0309637. Unpublished study prepared by Korean Testing & Research Institute. 4p. |

### 885.3600       Subchronic toxicity/pathogenicity

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 49950110 | Belzunces, L. (2002) Subchronic Toxicity of CGA293343 and CGA322704 to Honeybees: Final Report. Project Number: TK0309636, 2003653, 2000/02/B. Unpublished study preapred by INRA. 42p. |

### 870.7200       Companion animal safety

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 44999202 | Johnson, B. (1999) A 28-Day Dermal Distribution Study of Thiamethoxam Topical on Adult Cats: Final Report: Lab Project Number: 9663.11: 1181-99: BAGC-3490. Unpublished study prepared by Southern Research Institute. 119 p. |
| 44999203 | Kopplin, J.; Fulton, R. (1999) A 28-Day Dermal Target Animal Safety Study of Thiamethoxam Topical on Kittens: Final Report: Lab Project Number: 9663.7: 1183-99: 9663.7A. Unpublished study prepared by Southern Research Institute. 486 p. {OPPTS 870.7200} |
| 44999204 | Kopplin, J.; Fulton, R. (1999) A 28-Day Dermal Target Animal Safety Study of Thiamethoxam Topical on Adult Cats: Final Report: Lab Project Number: 1182-99: 9663.6: 9663.6A. Unpublished study prepared by Southern Research Institute. 415 p. |

### 850.6200       Earthworm subchronic toxicity test

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 48432531 | Friedrich, S. (2010) Cyantraniliprole/ Thiamethoxam WG (A16901B) - Acute Toxicity to the Earthworm Eisenia fetida: Final Report. Project Number: TK0005989, 10/10/48/025/S. Unpublished study prepared by Biochem Agrar, Labor fuer Biologische und Chemische. 28 p. |

### 850.7100       Data reporting for environmental chemistry methods

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 49383301 | Nelson, S.; Blenkinsop, C. (2005) ILV - Syngenta Method T003103-03 - Analytical Method for the Determination of CGA-293343 and its Degradates CGA-322704, CGA-355190, CGA-353042, NOA-404617, NOA-407475, SYN-501406 and NOA-459602, in Water by Direct Injection High Performance Liquid Chromatography with Mass Spectrometric Detection: Final Report. Project Number: T017172/04, 04ILV04SYN, 04SYN144/REP. Unpublished study prepared by Enviro-Test Laboratories (ETL). 100p. |

### 850.1735       Whole sediment: acute freshwater invertebrates

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 49589512 | Bradley, M. (2015) Thiamethoxam: 10-Day Toxicity Test Exposing Midge (Chironomus dilutus) to Thiamethoxam Applied to Sediment Under Static Renewal Conditions: Final Report. Project Number: 1781/7008, TK0185216. Unpublished study prepared by Smithers Viscient Laboratories. 89p. |

### Non-Guideline Study

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 44703300 | Novartis Crop Protection, Inc. (1998) Submission of Product Chemistry, Risk Assessment, Exposure and Toxicity Data in Support of the Application for Registration of Thiamethoxam Technical and Helix, and the Petition for Tolerance of Thiamethoxam in/on Canola. Transmittal of 30 Studies. |
| 44703306 | Lail, L. (1998) Characterization Report of CGA-293343 Technical: Lab Project Number: 731-98: ASGSR-96-188: AT1068. Unpublished study prepared by Novartis Crop Protection, Inc. 23 p. |
| 44703313 | Akins, J. (1998) Ecological Toxicology Summary and Risk Assessment of CGA-293343 (Proposed ISO Name: Thiamethoxam): Lab Project Number: 976-98. Unpublished study prepared by Novartis Crop Protection, Inc. 34 p. |
| 44703400 | Novartis Crop Protection, Inc. (1998) Submission of Toxicity and Environmental Fate Data in Support of the Petition for Tolerance of Thiamethoxam on Canola and the Registration of Thiamethoxam Technical and Helix. Transmittal of 19 Studies. |
| 44703404 | Meyer, L. (1998) Toxicological Assessment of CGA-293343 Technical (Thiamethoxam): Lab Project Number: 974-98. Unpublished study prepared by Novartis Crop Protection, Inc. 51 p. |
| 44703407 | Trendelenburg, C. (1998) CGA 293343 Tech. Effects on Biochemical Parameters in the Liver Following Administration to Male and Female Mice: Lab Project Number: 98/11: 967-98. Unpublished study prepared by Novartis Crop Protection, AG. 77 p. |
| 44703415 | Wong, A. (1998) Summary of Acute Toxicology Studies: Helix (CGA-293343 Combi 298FS): Lab Project Number: 584-98. Unpublished study prepared by Novartis Crop Protection, Inc. 9 p. |
| 44703500 | Novartis Crop Protection, Inc. (1998) Submission of Residue Chemistry and Environmental Fate Data in Support of the Application for Registration of Thiamethoxam Technical and Helix, and the Petition for Tolerance of Thiamethoxam in/on Canola. Transmittal of 38 Studies. |
| 44710400 | Novartis Crop Protection, Inc. (1998) Submission of Toxicity Data in Support of the Petition for Tolerance of Thiamethoxam and Application for Registration of Thiamethoxam Technical and Helix. Transmittal of 8 Studies. |
| 44714900 | Novartis Crop Protection, Inc. (1998) Submission of Product Chemistry, Toxicity, Environmental Fate, Risk Assessment and Exposure Data in Support of the Petition for Tolerances for Thiamethoxam in/on Many Crops and the Applications for Registration of Actara, Platinum, Adage, Veridian, and Thiamethoxam Spot on for Dogs. Transmittal of 37 Studies. |
| 44714903 | Irrig, H. (1998) Characterization Report of CGA-293343 5FS: (A-9765 C): Lab Project Number: 732-98. Unpublished study prepared by Novartis Crop Protection, Inc. 14 p. |
| 44714906 | Lail, L. (1998) Characterization Report of CGA-293343 70WS: (A-9567): Lab Project Number: 733-98. Unpublished study prepared by Novartis Crop Protection, Inc. 17 p. |
| 44714909 | Lail, L. (1998) Characterization Report of Actara 25WG: (A-9584C): Lab Project Number: 730-98. Unpublished study prepared by Novartis Crop Protection, Inc. 17 p. |
| 44714912 | Irrig, H. (1998) Characterization Report of CGA-293343 2SC: (A-9795B): Lab Project Number: 734-98. Unpublished study prepared by Novartis Crop Protection, Inc. 6 p. |
| 44714915 | Hipps, A. (1998) Characterization Report of CGA-293343 Spot on Liquid: Lab Project Number: 984-98. Unpublished study prepared by Novartis Crop Protection, Inc. 68 p. |
| 44714930 | Akins, J. (1998) Ecological Toxicology Summary and Comparative Risk Assessment of CGA-293343: Lab Project Number: 1075-98. Unpublished study prepared by Novartis Crop Protection, Inc. 51 p. |
| 44714931 | Candolfi, M. (1998) CGA-293343: 14-Day Acute Toxicity Test with the Earthworm (Eisenia foetida): Lab Project Number: 95-065-1008: 809-95. Unpublished study prepared by Springborn Laboratories. 46 p. |
| 44714932 | Rufli, H. (1997) Acute Toxicity Test of CGA-293343 WS 70 (A-9567 B) to the Earthworm (Eisenia foetida): Lab Project Number: 965546: 523-96. Unpublished study prepared by Ciba-Geigy Ltd. 34 p. |
| 44715000 | Novartis Crop Protection, Inc. (1998) Submission of Toxicity, Environmental Fate, and Residue Chemistry Data in Support of the Petition for Tolerance of Thiamethoxam in/on Many Crops, and the Application for Registration of Adage, Actara, Platinum, Veridan, and Thiamethoxam Spot On For Dogs. Transmittal of 38 Studies. |
| 44715002 | Wong, A. (1998) Summary of Acute Toxicology Studies: Adage 5FS: Lab Project Number: 649-98. Unpublished study prepared by Novartis Crop Protection, Inc. 9 p. |
| 44715009 | Wong, A. (1998) Summary of Acute Toxicology Studies: Adage 70WS: Lab Project Number: 614-98. Unpublished study prepared by Novartis Crop Protection, Inc. 8 p. |
| 44715016 | Wong, A. (1998) Summary of Acute Toxicology Studies: Actara: Lab Project Number: 605-98. Unpublished study prepared by Novartis Crop Protection, Inc. 8 p. |
| 44715023 | Wong, A. (1998) Summary of Acute Toxicology Studies Tracker: Lab Project Number: 589-98. Unpublished study prepared by Covance Laboratories Inc. 8 p. |
| 44715100 | Novartis Crop Protection, Inc. (1998) Submission of Residue Chemistry, Environmental Fate, Efficacy and Toxicity Data in Support of the Petition for Tolerance of Thiamethoxam in/on Many Crops, and the Application for Registration of Actara, Platinum, Adage, Veridian, and Thiamethoxam Spot On for Dogs. Transmittal of 34 Studies. |
| 44715101 | Underwood, R. (1998) The Environmental Fate Summary and Assessment of CGA-293343: Lab Project Number: 716-98. Unpublished study prepared by Novartis Crop Protection, Inc. 118 p. |
| 44715102 | Chen, W. (1998) Persistence and Mobility of CGA-293343 in Soil Influenced by Coupled Metabolism and Sorption Kinetics: Lab Project Number: 986-98. Unpublished study prepared by Novartis Crop Protection, Inc. 173 p. |
| 44715107 | Campbell, D. (1998) CGA-293343--Chronic and Acute Exposure Assessment: Lab Project Number: 1076-98. Unpublished study prepared by Novartis Crop Protection, Inc. 37 p. |
| 44715118 | Rosenheck, L. (1998) Occupational and Nonoccupational Exposure and Risk Assessment for Thiamethoxam (CGA-293343): Lab Project Number: 699-98. Unpublished study prepared by Novartis Crop Protection, Inc. 167 p. |
| 44715119 | Leeper, L. (1998) Pivotal Study to Evaluate Efficacy of CGA-293343 Against Adult Fleas on Dogs: Final Report: Lab Project Number: 98-0520: 996-98: 4473-98. Unpublished study prepared by Stillmeadow, Inc. 22 p. |
| 44715120 | Craig, S. (1998) Comparison of Four Different Formulations of Flea Adulticide CGA 293343 to an Industry Standard on Dogs: Final Report: Lab Project Number: 98-00136: 1037-98: 4313-98. Unpublished study prepared by Stillmeadow, Inc. 57 p. |
| 44715121 | Leeper, L. (1998) Pivotal Study to Compare Flea Efficacy of CGA 293343 on Dogs in a Simulated Home Environment: Final Report: Lab Project Number: 98-00181: 1036-98: 4388-98. Unpublished study prepared by Stillmeadow, Inc. 16 p. |
| 44718700 | Novartis Crop Protection, Inc. (1998) Submission of Toxicity Data in Support of the Petition for Tolerance for Thiamethoxam in/on Canola and the Applications for Registration of Helix and Thiamethoxam Technical. Transmittal of 8 Studies. |
| 44727500 | Novartis Crop Protection, Inc. (1998) Submission of Toxicity, and Environmental Fate Data in Support of the Petition for Tolerance of Thiamethoxam in/on Many Vegetables, and the Application for Registration of Adage, Actara, Platinum, Veridan, and Thiamethoxam Spot On For Dogs. Transmittal of 7 Studies. |
| 44727502 | Candolfi, M. (1998) Acute Toxicity Test of CGA-293343 WG 25 (A-9584 C) to the Earthworm, Eisenia fetida: Lab Project Number: 972558: 781-97: AT1105. Unpublished study prepared by Novartis Crop Protection AG. 42 p. |
| 44727503 | Rufli, H. (1997) Chronic Toxicity Test of CGA-293343, WG 25 (A-9584 C) to Earthworm (Eisenia fetida): Lab Project Number: 972563: 782-97: AT1105. Unpublished study prepared by Novartis Crop Protection AG. 41 p. |
| 44808900 | Novartis Crop Protection, Inc. (1999) Submission of Toxicity Data in Support of the Reregistration of the Thiamethoxam Containing Product Thiamethoxam Technical and the Petition for Tolerance of Thiamethoxam in/on Many Crops. Transmittal of 1 Study. |
| 44829300 | Novartis Crop Protection, Inc. (1999) Submission of Residue Chemistry Data in Support of the Petition for Tolerance of Thiamethoxam in/on Canola and the Application for Registration of Helix. Transmittal of 1 Study. |
| 44862300 | Novartis Crop Protection, Inc. (1999) Submission of Product Chemistry Data in Support of the Application for Registration of Helix and the Petition for Tolerance of Thiamethoxam in/on Canola. Transmittal of 1 Study. |
| 44886600 | Novartis Crop Protection, Inc. (1999) Submission of Product Chemistry, Toxicity, and Efficacy Data in Support of the Application for Registration of Thiamethoxam Spot-On for Dogs and the Petition for Tolerances of Thiamethoxam In/On Many Crops. Transmittal of 13 Studies. |
| 44886603 | Hipps, A. (1999) Characterization Report of CGA-293343 Spot On Liquid (A12155A) Test Substance Used in Toxicological Studies Contained in This Submission: Lab Project Number: PC-99-015: PC29G: FL982423. Unpublished study prepared by Novartis Crop Protection, Inc. 19 p. |
| 44886613 | Barnett, S.; Wurz, R. (1999) Summary of the Efficacy of Thiamethoxam Spot-On for Dogs: Lab Project Number: 1062-99. Unpublished study prepared by Novartis Animal Health US, Inc. 7 p. |
| 44890000 | Novartis Crop Protection, Inc. (1999) Submission of Efficacy Data in Support of the Petition for Tolerances of Thiamethoxam in/on Many Crops and the Application for Registration of Thiamethoxam Spot-On for Dogs. Transmittal of 1 Study. |
| 44925200 | Novartis Crop Protection, Inc. (1999) Submission of Toxicity Data in Support of the Application for Registration of Thiamethoxam, and the Petition for Tolerance of Thiamethoxam in/on Many Crops. Transmittal of 1 Study. |
| 44931000 | Novartis Crop Protection, Inc. (1999) Submission of Efficacy Data in Support of the Registrations of Flagship and Meridian and the Petition for Tolerance of Thiamethoxam in or on Many Crops. Transmittal of 1 Study. |
| 44931001 | Cartwright, R. (1999) Summary of Efficacy Data to Support Claim of Control of Red Imported Fire Ants (Solenopsis invicta Buren) with Thiamethoxam (Meridian, Flagship): Lab Project Number: 1125-99. Unpublished study prepared by Novartis Crop Protection, Inc. 34 p. |
| 44939800 | Novartis Crop Protection (1999) Submission of Residue Data and Toxicity Data in Support of the Registration of Thiamethoxam Technical and the Petition for Tolerance of Thiamethoxam in or on Many Crops. Transmittal of 3 Studies. |
| 44948900 | Novartis Crop Protection, Inc. (1999) Submission of Environmental Fate Data in Support of the Application for Registration of Thiamethoxam Technical and Petition for Tolerance of Thiamethoxam in/on Many Crops. Transmittal of 6 Studies. |
| 44949000 | Novartis Crop Protection, Inc. (1999) Submission of Product Chemistry, Toxicity, Exposure and Risk Assessment Data in Support of the Application for Registration of Flagship 0.22G, and Meridian 0.33G, and the Petition for Tolerance of Thiamethoxam in/on Many Crops. Transmittal of 16 Studies. |
| 44949003 | Phelps, L. (1999) Characterization Report of CGA-293343 0.22 GR Test Substance Used in Toxicological Studies Contained in this Submission: Lab Project Number: PC-99-022: AT1380: AP-99-159. Unpublished study prepared by Novartis Crop Protection. 17 p. |
| 44949006 | Phelps, L. (1999) Characterization Report of CGA-293343 0.33 GR Test Substance Used in Toxicological Studies Contained in this Submission: Lab Project Number: PC-99-021: AT1401: AP-99-188. Unpublished study prepared by Novartis Crop Protection, Inc. 13 p. |
| 44949007 | Tisdel, M. (1999) Summary of Acute Toxicology Studies with CGA-293343.22GR and CGA-293343.33GR: Lab Project Number: 1114-99. Unpublished study prepared by Novartis Crop Protection, Inc. 9 p. |
| 44949016 | Meyer, L. (1999) Occupational and Non-Occupational Exposure and Risk Assessment for Two Granular Formulations of Thiamethoxam (CGA-293343) Meridian 0.33G and Flagship 0.22G: Final Report: Lab Project Number: 1154-99. Unpublished study prepared by Novartis Crop Protection, Inc. 79 p. |
| 44968300 | Novartis Crop Protection (1999) Submission of Toxicity Data in Support of the Application for Registration of Thiamethoxam Technical and the Petition for Tolerance of Thiamethoxam in/on Many Crops. Transmittal of 1 Study. |
| 44975400 | Novartis Crop Protection, Inc. (1999) Submission of Environmental Fate Data in Support of the Application for Registration of Thiamethoxam Technical and the Petition for Tolerance of Thiamethoxam in/on Many Crops. Transmittal of 3 Studies. |
| 44981200 | Novartis Crop Protection, Inc. (1999) Submission of Efficacy, Risk Assessment and Exposure Data in Support of the Registration of Thiamethoxam Spot-On for Cats. Transmittal of 7 Studies. |
| 44981206 | Barnett, S.; Wurz, R. (1999) Summary of the Efficacy of Thiamethoxam Spot-On for Cats: Thiamethoxam: Final Report: Lab Project Number: 1194-99. Unpublished study prepared by Novartis Animal Health US, Inc. 6 p. |
| 44981207 | Meyer, L. (1999) Exposure and Risk Assessment for Thiamethoxam (CGA-293343) Cat Use: CGA-293343: Final Report: Lab Project Number: 1153-99. Unpublished study prepared by Novartis Crop Protection, Inc. 13 p. |
| 44988300 | Novartis Crop Protection, Inc. (1999) Submission of Toxicity, Risk Assessment and Exposure Data in Support of the Application for Registration of Thiamethoxam Technical, and the Petition for Tolerance of Thiamethoxam in/on Many Crops. Transmittal of 1 Study. |
| 44999200 | Novartis Crop Protection (1999) Submission of Residue and Toxicity Data in Support of the Application for Registration of Thiamethoxam Spot-on for Dogs. Transmittal of 4 Studies. |
| 45084900 | Novartis Crop Protection (2000) Submission of Environmental Fate Data in Support of the Application for Registration of Thiamethoxam. Transmittal of 2 Studies. |
| 45084902 | Underwood, R.; Chen, W.; Scott, M. et al. (2000) The Environmental Fate Summary and Assessment of CGA-293343: Replaces MRID Number 44715101: Summary Report Amendment: Lab Project Number: 716-98. Unpublished study prepared by Novartis Crop Protection. 154 p. |
| 45086200 | Novartis Crop Protection, Inc. (2000) Submission of Residue Chemistry and Environmental Fate Data in Support of the Applications for Registration of Maxim-Adage, Centric, and Thiamethoxam Technical and the Petition for Tolerance of Thiamethoxam in/on Several Crops. Transmittal of 3 Studies. |
| 45093300 | Novartis Crop Protection, Inc. (2000) Submission of Residue Data in Support of the Application for the Registration of Thiamethoxam Technical, Maxim Adage and Centric and the Petition for Tolerance of Thiamethoxam in/on Corm Vegetables. Transmittal of 1 Study. |
| 45093700 | Novartis Crop Protection, Inc. (2000) Submission of Product Chemistry, Residue and Toxicity Data in Support of the Application for Registration of Thiamethoxam Technical, Maxim- Adage and Centric and the Petition for Tolerance of Thiamethoxam in/on Several Crops. Transmittal of 23 Studies. |
| 45093703 | Phelps, L. (1999) Characterization Report of CGA-173506/CGA-293343 1.7 DS Test Substance Used in Toxicological Studies Contained in this Submission: Lab Project Number: PC-99-024. Unpublished study prepared by Novartis Crop Protection. 17 p. |
| 45093710 | Philippe, R.; Honeycutt, R. (2000) Methyl Isocyanate in Cigarette Smoke and its Retention by an Adsorption-type Filter. Tobacco Science 9:33-39. |
| 45093712 | Leiber, M.; Berk, H. (2000) Determination of Carbonyl Sulfide in Air by Derivatization with 1,3-Diaminopropane and Capillary Gas Chromatographic Analysis. Analytical Chemistry 57(14): 2792-2796. |
| 45093723 | Tisdel, M. (1999) Summary of Acute Toxicology Studies with CGA-173506/CGA-293343 1.7 DS: Lab Project Number: 1122-99. Unpublished study prepared by Novartis Crop Protection, Inc. 8 p. |
| 45108000 | Novartis Crop Protection, Inc. (2000) Submission of Residue Chemistry Data in Support of the Application for Registration of Thiamethoxam Technical, and the Petition for Tolerance of Thiamethoxam in/on Many Crops. Transmittal of 1 Study. |
| 45108001 | Hohl, J. (1999) Stability of Residues of CGA-322704 in Plant Material and Soil Stored Under Deep Freezer Conditions: Final Report: Lab Project Number: 779-00: 127/97. Unpublished study prepared by Novartis Crop Protection AG. 23 p. |
| 45140900 | Novartis Crop Protection, Inc. (2000) Submission of Residue Chemistry Data in Support of the Application for Registration of Thiamethoxam, and the Petition for Tolerance of Thiamethoxam in/on Many Crops. Transmittal of 1 Study. |
| 45200000 | Novartis Crop Protection, Inc. (2000) Submission of Risk Assessment and Exposure Data in Support of the Registration of Thiamethoxam Technical and the Petition for Tolerance of Thiamethoxam in/on Canola. Transmittal of 4 Studies. |
| 45200003 | Bray, L. (2000) Revised Dietary Exposure Assessment for Thiamethoxam: Lab Project Number: CGA-293343: 934-00. Unpublished study prepared by Novartis Crop Protection, Inc. 174 p. |
| 45200004 | Houghton, D.; Ma, P.; Fairbairn, R. (2000) Occupational Exposure Risk Assessment for Helix 289FS: Lab Project Number: CER 03239/00: 1146-00. Unpublished study prepared by Novartis Crop Protection Canada Inc. 40 p. |
| 45243000 | Novartis Crop Protection, Inc. (2000) Submission of Risk Assessment and Exposure Data in Support of the Application for the Registration of Thiamethoxam Technical and the Petition for Tolerance of Thiamethoxam in/on Helix Seed. Transmittal of 1 Study. |
| 45271800 | Novartis Crop Protection, Inc. (2000) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of Thiamethoxam, Helix, Platinum Ridomil Gold, and Centric and the Petition for Tolerance of Thiamethoxam in/on Canola and Many Other Crops. Transmittal of 22 Studies. |
| 45271803 | Phelps, L. (2000) Characterization Report of CGA-293343 40 WG Test Substance Used in Toxicological Studies Included in This Submission: Lab Project Number: PC-00-040. Unpublished study prepared by Novartis Crop Protection, Inc. 17 p. |
| 45271807 | Tisdell, M. (2000) Summary of Acute Toxicology Studies with CGA-293343 40 WG-C: Lab Project Number: 1135-00. Unpublished study prepared by Novartis Crop Protection Inc. 9 p. |
| 45271810 | Phelps, L. (2000) Characterization Report of CGA-139374/CGA-183506/CGA-293343/CGA-329351 156 FS Test Substance Used in Toxicological Studies Contained in this Submission: Lab Project Number: PC-00-023. Unpublished study prepared by Novartis Crop Protection Inc. 14 p. |
| 45271812 | Tisdel, M. (2000) Summary of Acute Toxicology Studies with CGA-293343 Combi Lite: Lab Project Number: 1036-00. Unpublished study prepared by Novartis Crop Protection, Inc. 9 p. |
| 45271815 | Phelps, L. (2000) Characterization Report of CGA-293343/CGA-329351 1.22 SL Test Substance Used in Toxicological Studies Contained in this Submission: Lab Project Number: PC-00-028. Unpublished study prepared by Novartis Crop Protection, Inc. 13 p. |
| 45271822 | Tisdell, M. (2000) Summary of Acute Toxicology Studies with CGA-293343/CGA-329351 1.22SL-B: Lab Project Number: 1035-00. Unpublished study prepared by Novartis Crop Protection, Inc. 9 p. |
| 45304000 | Novartis Crop Protection, Inc. (2000) Submission of Toxicity Data in Support of the Application for Registration of Thiamethoxam Technical, Helix, Platinum Ridomil Gold and Centric and the Petition for Tolerance of Thiamethoxam in/on Canola and many Other Crops. Transmittal of 12 Studies. |
| 45499900 | Syngenta Crop Protection, Inc. (2001) Submission of Toxicity and Residue Data in Support of the Petition for Tolerance of Thiomethoxam in or on Imported Coffee. Transmittal of 15 Studies. |
| 45499902 | Grunenwald, M.; Eudy, L. (2000) Stability of CGA-293343, CGA-322704, and CGA-265307 in Meat, Milk, and Eggs Under Freezer Storage Conditions: Final Report: Lab Project Number: 284-98. Unpublished study prepared by Novartis Crop Protection, Inc. 166 p. {OPPTS 860.1380} |
| 45499903 | Tribolet, R. (1998) Validation of Analytical Method REM 179.03 for the Determination of CGA-293343 and CGA-322704 in Crops by HPLC Using Field Grown Pears After Treatment with (Carbon 14)-Labeled CGA 293343: Final Report: Lab Project Number: 103/98: 1241-98. Unpublished study prepared by Novartis Crop Protection AG. 24 p. {OPPTS 860.1500} |
| 45499904 | Mair, P. (2000) Residue Study with Thiamethoxam (CGA 293343) and Cyproconazole (SAN 619) In or On Coffee in Brazil: Final Report: Lab Project Number: 1172/99: 1603-00. Unpublished study prepared by Novartis Crop Protection AG. 18 p. {OPPTS 860.1500} |
| 45499905 | Mair, P. (2000) Residue Study with Thiamethoxam (CGA 293343) and Cyproconazole (SAN 619) In or On Coffee in Brazil: Final Report: Lab Project Number: 1173/99: 1604-00. Unpublished study prepared by Novartis Crop Protection AG. 18 p. {OPPTS 860.1500} |
| 45499906 | Mair, P. (2000) Residue Study with Thiamethoxam (CGA 293343) and Cyproconazole (SAN 619) In or On Coffee in Brazil: Final Report: Lab Project Number: 1174/99: 1605-00. Unpublished study prepared by Novartis Crop Protection AG. 18 p. {OPPTS 860.1500U |
| 45499907 | Mair, P. (2000) Residue Study with Thiamethoxam (CGA 293343) and Cyproconazole (SAN 619) In or On Coffee in Brazil: Final Report: Lab Project Number: 1175/99: 1898-01. Unpublished study prepared by Syngenta AG. 43 p. {OPPTS 860.1500} |
| 45499908 | Mair, P. (2000) Residue Study with Thiamethoxam (CGA 293343) and Cyproconazole (SAN 619) In or On Coffee in Columbia: Final Report: Lab Project Number: 1600-00: 1169/99. Unpublished study prepared by Novartis Crop Protection AG. 17 p. {OPPTS 860.1500} |
| 45499909 | Mair, P. (2000) Residue Study with Thiamethoxam (CGA 293343) and Cyproconazole (SAN 619) In or On Coffee in Columbia: Final Report: Lab Project Number: 1170/99: 1601-00. Unpublished study prepared by Novartis Crop Protection AG. 17 p. {OPPTS 860.1500} |
| 45499910 | Mair, P. (2000) Residue Study with Thiamethoxam (CGA 293343) and Cyproconazole (SAN 619) In or On Coffee in Columbia: Final Report: Lab Project Number: 1171/99: 1602-00. Unpublished study prepared by Novartis Crop Protection AG. 17 p. {OPPTS 860.1500} |
| 45499911 | Gasser, A. (2001) Residue Study with Thiamethoxam (CGA 293343) and Cyproconazole (SAN 619) In or On Coffee in Mexico: Final Report: Lab Project Number: 1000/00: 1899-01. Unpublished study prepared by Syngenta AG. 26 p. {OPPTS 860.1500} |
| 45499912 | Gasser, A. (2001) Residue Study with Thiamethoxam (CGA 293343) and Cyproconazole (SAN 619) In or On Coffee in Mexico: Final Report: Lab Project Number: 1001-00: 1900-01. Unpublished study prepared by Syngenta AG. 26 p. {OPPTS 860.1500} |
| 45500000 | Syngenta Crop Protection, Inc. (2001) Submission of Toxicity Data in Support of the Registrations of Thiamethoxam Technical, Platinum, Centric, Actara, Broadstrike Dual Magnum Herbicide, Adage 5FS, Helix Xtra Insecticide with Fungicide, and Helix Insecticide with Fungicide. Transmittal of 1 Study. |
| 45530900 | Interregional Research Project No. 4 (2001) Submission of Residue Data in Support of the Petition for Tolerance of Thiamethoxam for Use on Mint. Transmittal of 1 Study. |
| 45600700 | Novartis Crop Protection, Inc. (2002) Submission of Reduced-Risk Data in Support of Thiamethoxam. Transmittal of 1 Study. |
| 45600701 | Akins, J.; Barnett, S.; Campbell, D. et al. (1998) Reduced-Risk Pesticide Rationale for Thiamethoxam. Unpublished study prepared by Novartis Crop Protection. 357 p. |
| 45627500 | Syngenta Crop Protection, Inc. (2002) Submission of Product Chemistry Data in Support of the Application for Registration of Centric 40WG. Transmittal of 1 Study. |
| 45640400 | Syngenta Crop Protection, Inc. (2002) Submission of Environmental Fate Data in Support of the Registration of Thiamethoxam Technical and the Petition for Tolerance of Thiamethoxam in/on Many Crops. Transmittal of 5 Studies. |
| 45640405 | Chen, W.; Phelps, W.; Wiepke, T.; et al. (2002) Important Factors and Data to Consider in the Environmental Fate Assessment of Thiamethoxam: Final Report: Lab Project Number: 1443-02. Unpublished study prepared by Syngenta Crop Protection, Inc. 60 p. |
| 45659200 | Syngenta Crop Protection, Inc. (2002) Submission of Residue and Environmental Fate Data in Support of the Registrations of Cruiser, Helix Extra Insecticide with Fungicides, Thiamethoxam Technical, Actara, Platinum, Centric, Platinum Ridomil Gold, Helix Insecticide with Fungicides and Centric 40WG and the Petitions for Tolerance of Thiamethoxam in/on Canola and Imported Coffee. Transmittal of 6 Studies. |
| 45701200 | State of Colorado, Dept of Agriculture (2002) Submission of Residue Data in Support of the Special Local Need of Actara for Colorado. Transmittal of 1 Study. |
| 45738800 | Syngenta Crop Protection, Inc. (2002) Submission of Residue, Risk and Exposure Assessment Data in Support of the Amended Registration of Cruiser Insecticide and the Petition for Tolerance of Thiamethoxam in or on Several Crops. Transmittal of 1 Study. |
| 45738801 | Heard, N. (2002) Thiamethoxam: Lifetime Dietary Exposure Assessment (DEEM) for Currently Approved Label Uses and Proposed Corn Seed Treatment Use: Final Report: Lab Project Number: 1937-02. Unpublished study prepared by Syngenta Crop Protection, Inc. 40 p. |
| 45757500 | Interregional Research Project No. 4 (2002) Submission of Residue Data in Support of the Petition for Tolerance of Thiamethoxam on Bean (Succulent). Transmittal of 1 Study. |
| 45757700 | Interregional Research Project No. 4 (2002) Submission of Residue Data in Support of the Metabolite of Thiamethoxam, N-(2-chloro-thiazol-5-ylmethyl)--N'-methylN'-nitro-guanidine and the Petition for Tolerance of Thiamethoxam on Fruit, Stone, Group 12. Transmittal of 3 Studies. |
| 45758900 | Janssen Pharmaceutica, Inc. (2002) Submission of Product Chemistry, Toxicity and Efficacy Data in Support of the Application for Registration of Xamox 3 OL. Transmittal of 13 Studies. |
| 45758908 | Helmer, D. (2001) Termite Response to Xamox 3OL Treated Wood: Lab Project Number: PPD-21: DK/12/2001: MAT 486/2000. Unpublished study prepared by Janssen Pharmaceutica and Auburn University. 40 p. |
| 45758909 | Nicholas, D.; Parikh, S. (2002) Final Report--Testing The Termite Resistance of Janssen Pharmaceutica Formulation--LAg 2000 493: Lab Project Number: AWPA E1-97/LAG 2000: E1-97/LAG 2000 493. Unpublished study prepared by Mississippi Forest Products Laboratory. 22 p. {OPPTS 810.3600} |
| 45758910 | Creffield, J.; Owen, R.; Chew, N.; et al. (2002) Laboratory Bioassay to Determine the Termiticidal Efficacy of the Candidate Insecticide R 170051: Lab Report Number 1153. Unpublished study prepared by Ian Wark Laboratories, Clayton, Aust. 15 p. {OPPTS 810.3600} |
| 45758911 | Hertel, H. (2001) Determination of the Preventative Action of the Formulation "R 170051" Against Recently Hatched Larvae of the House Longhorn Beetle according to EN 46 (1998): Lab Project Number: 4121 HB A. Unpublished study prepared by BAM. 8 p. {OPPTS 830.1700} |
| 45758912 | Hertel, H. (2002) Determination of the Preventative Action of the Formulation "R 170051" Against Recently Hatched Larvae of the House Longhorn Beetle (Hylotrupes bajulus (L.)) after Leaching according to EN 84 (1997): Lab Project Number: 4121 Hb B. Unpublished study prepared by BAM. 8 p. {OPPTS 830.1700} |
| 45758913 | Larkin, G. (2002) Interim Report: Field Termite Test of Commercial Wood Composites Treated with Janssen Experimental Termiticides: Lab Project Number: E26639. Unpublished study prepared by School of Forestry and Wood Products. 22 p. {OPPTS 830.1700} |
| 45759000 | Janssen Pharmaceutica (2002) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of XAMOX 10TK. Transmittal of 8 Studies. |
| 45793400 | Interregional Research Project No. 4 (2002) Submission of Residue Data in Support of the Petition for Tolerance of Thiomethoxam on Sunflower (Seed Treatment). Transmittal of 1 Study. |
| 45835500 | Syngenta Crop Protection, Inc. (2002) Submission of Efficacy Data in Support of the Application for Registration of Thiamethoxam Professional 2SC. Transmittal of 1 Study. |
| 45847900 | Syngenta Crop Protection, Inc. (2003) Submission of Residue Data in Support of the Petitions for Tolerance of Thiamethoxam in or on Canola; Several Crops; Imported Coffee; Fruit, Stone, Group 12; Mint; Bean, Succulent, (Seed Treatment); and Sunflower (Seed Treatment). Transmittal of 1 Study. |
| 45852800 | Janssen Pharmaceutica Inc. (2003) Submission of Product Chemistry Data in Support of the Application for Registration of Xamox 10TK Manufacturing Concentrate Insecticide. Transmittal of 1 Study. |
| 45876600 | Syngenta Crop Protection, Inc. (2003) Submission of Product Chemistry Data in Support of the Registrations of Actara Insecticide, Platinum Insecticide, and Platinum Ridomil Gold. Transmittal of 3 Studies. |
| 45880900 | Syngenta Crop Protection, Inc. (2003) Submission of Residue Data in Support of the Petitions for Tolerance of Thiamethoxam in or on Canola, Thiamethoxam in or on Several Crops, Thiamethoxam in or on Imported Coffee, Thiamethoxam on Fruit, Stone, Group 12, Thiamethoxam on Mint, Thiamethoxam (Cruiser 5FS) on Bean, Succulent (Seed Treatment), and Thiamethoxam on Sunflower (Seed Treatment). Transmittal of 3 Studies. |
| 45938900 | Janssen Pharmaceutica (2003) Submission of Exposure, Risk, Fate, and Use Data in Support of the Application for Registration of Xamox 3OL. Transmittal of 7 Studies. |
| 45938907 | Goodwine, W. (2003) Product Use Information and Description of Human Activity for Pressure and Non-Pressure Wood Treatment Processes: Lab Project Number: PPD-27. Unpublished study prepared by Janssen Pharmaceutica, Inc. 20 p. {OPPTS 875.2700, 875.2800} |
| 46016900 | Syngenta Crop Protection (2003) Submission of Toxicity and Product Chemistry Data in Support of the Application for Registration of Cruiser XL. Transmittal of 8 Studies. |
| 46028200 | Syngenta Crop Protection, Inc. (2003) Submission of Toxicity Data in Support of the Registration of Thiamethoxam. Transmittal of 2 Studies. |
| 46030900 | Syngenta Crop Protection, Inc. (2003) Submission of Product Chemistry Data in Support of the Amended Registration of Thiamethoxam Technical. Transmittal of 1 Study. |
| 46039900 | Syngenta Crop Protection, Inc. (2003) Submission of Fate Data in Support of the Application for Registration of Flagship 25WG Insecticide. Transmittal of 1 Study. |
| 46051900 | Syngenta Crop Protection, Inc. (2003) Submission of Efficacy Data in Support of the Application for Registration of Optigard DW. Transmittal of 1 Study. |
| 46114700 | IR-4 (2003) Submission of Residue Data in Support of the Petition for Tolerance of Thiamethoxam on Cranberry. Transmittal of 1 Study. |
| 46114701 | Starner, V. (2003) Thiamethoxam: Magnitude of the Residue on Cranberry. Project Number: 07754/00/CAR05, 07754/00/MA01, 07754/00/NJ14. Unpublished study prepared by University of Massachusetts and Rutgers Research & Development Center and University of Wisconsin. 211 p. |
| 46127700 | Syngenta Crop Protection, Inc. (2003) Submission of Environmental Fate Data in Support of the Registration of Thiamethoxam. Transmittal of 1 Study. |
| 46159200 | IR-4 (2003) Submission of Residue Data in Support of the Petition for Tolerance of Thiamethoxam on Strawberry. Transmittal of 1 study. |
| 46159201 | Ediger, K. (2003) CGA-293343: Magnitude of the Residues In or On Strawberry. Project Number: 140/00, 07989, N/2K2/SYN/140/00/001. Unpublished study prepared by Syngenta Crop Protection, Inc., Florida Pesticide Research and Agricultural Systems Associates. 216 p. |
| 46161500 | Syngenta Crop Protection, Inc. (2003) Submission of Fate and Toxicity Data in Support of the Registration of Thiamethoxam. Transmittal of 21 Studies. |
| 46161501 | Green, T.; Pastoor, T.; Lloyd, S.; et al. (2003) Weight of Evidence for a Mode of Action for Thiamethoxam-Related Mouse Liver Tumors: Assessment. Project Number: T003075/03. Unpublished study prepared by Syngenta Crop Protection, Inc. 39 p. |
| 46161503 | Briswalter, C. (2003) Blood Kinetics of CGA 293343 and its Metabolites in Male Rats AFter Oral Administration of [Oxidiazin-4-(Carbon 14)] CGA 293343: Thiamethoxam: Final Report. Project Number: 027AM13. Unpublished study prepared by Syngenta Crop Protection, Inc. 40 p. |
| 46161504 | Briswalter, C. (2003) Blood Kinetics of CGA 293343 and its Metabolites in Male Mice After Oral Administration of (Oxadiazin-4-(Carbon 14)) CGA 293343: Thiamethoxam: Final Report. Project Number: 027AM14. Unpublished study prepared by Syngenta Crop Protection, AG. 59 p. |
| 46161506 | Green, T. (2001) Thiamethoxam: Comparative of Metabolism in Mice and Rats in Vivo, and in Mouse, Rat and Human Liver Fractions in Vitro: Final Report. Project Number: 024607, 07/RESEARCH/REPORT. Unpublished study prepared by Central Toxicology Lab. (Syngenta). 32 p. |
| 46161507 | Green, T. (2003) Thiamethoxam (CGA 293343): Metabolism in Mice and Rats During Dietary Feeding Studies: Thiamethoxam: Final Report. Project Number: 024606. Unpublished study prepared by Central Toxicology Lab. (Syngenta). 34 p. |
| 46161508 | Green, T. (2003) Thiamethoxam (CGA 293343): Changes in Plasma Cholesterol Levels During Dietary Feeding Studies: Final Report. Project Number: 024607/002, RESEARCH/REPORT/002. Unpublished study prepared by Central Toxicology Lab. (Syngenta). 39 p. |
| 46161509 | Green, T. (2003) Thiamethoxam (CGA 293343): Comparative Hepatotoxicity in Weanling and Adult Mice: Final Report. Project Number: 024607/003, RESEARCH/REPORT/003. Unpublished study prepared by Central Toxicology Lab. (Syngenta). 28 p. |
| 46161510 | Green, T. (2003) Thiamethoxam (CGA 293343): Hepatotoxicity of Metabolites: Final Report. Project Number: 024607/004, RESEARCH/REPORT/004. Unpublished study prepared by Central Toxicology Lab. (Syngenta). 34 p. |
| 46161511 | Green, T. (2003) Thiamethoxam (CGA 293343): The Role of Nitric Oxide in the Development of Hepatoxicity in Mice: Final Report. Project Number: 024607/001, RESEARCH/REPOR/001. Unpublished study prepared by Central Toxicology Lab. (Syngenta). 34 p. |
| 46161513 | Noakes, J. (2003) CGA 293343 (Thiamethoxam), CGA 322704 and CGA 265307: Comparative Toxicity in the Liver of Male Tif: MAGf and CD-1 Mice: Final Report. Project Number: XM7081, 7081/RESEARCH/REPORT. Unpublished study prepared by Central Toxicology Lab. (Syngenta). 1149 p. |
| 46161514 | Noakes, J. (2003) CGA 293343 (Thiamethoxam): Assessment of Hepatic Cell Proliferation and Apoptosis in Female Rats Upon Treatment for Up to Fifty Weeks: Final Report. Project Number: XR7068, 68/REGULATORY/REPORT. Unpublished study prepared by Central Toxicology Lab. (Syngenta). 695 p. |
| 46161515 | Sagelsdorff, P. (2000) Determination of Parameters Indicative for Oxidative Stress in Male Mice Following Subchronic Treatment for Up to 60 Days. Project Number: CB/00/21. Unpublished study prepared by Novartis Crop Protection, AG. 54 p. |
| 46161516 | Sagelsdorff, P. (2003) CGA 293343 Tech: Determination of Selected Enzymes Known to be Involved in the Biosynthesis and Modulation of Glutathione in the Liver of Mice Following Subchronic Treatment for Up to 60 Days: Final Report. Project Number: CB/00/67. Unpublished study prepared by Syngenta Crop Protection, AG. 34 p. |
| 46161517 | Sagelsdorff, P. (2003) Determination of Parameters Indicative for Oxidative Stress in Male Mice Upon Treatment with CGA 293343 Tech. for Up to 50 Weeks: Thiamethoxam: Final Report. Project Number: CB/00/09. Unpublished study prepared by Syngenta Crop Protection, AG. 85 p. |
| 46161518 | Soames, T. (2003) Thiamethoxam (CGA 293343 Tech.): Sublobular Assessment of Hepatic Cell Proliferation After 40 Weeks: Final Report. Project Number: 03R026, 0026/RESEARCH/REPORT. Unpublished study prepared by Central Toxicology Lab. (Syngenta). 10 p. |
| 46161519 | Waechter, F. (2003) CGA 293343 Tech.: Effects on Selected Biochemical Parameters in the Liver Following Dietary Administration to Female Rats for 1 and 10 Weeks: Final Report. Project Number: CB/02/34. Unpublished study prepared by Syngenta Crop Protection, AG. 57 p. |
| 46161520 | Weber, E. (1999) Histochemical Assessment of Hepatic Apoptosis Upon Treatment of Male Mice With CGA-293343 Tech. (Thiamethoxam) for Up to 9 Months. Project Number: CB/99/57. Unpublished study prepared by Novartis Crop Protection, AG. 15 p. |
| 46161521 | Weber, E. (2003) Assessment of Hepatic Cell Proliferation and Apoptosis in Male Mice Upon Treatment with CGA 293343 Tech. for Up to Fifty Weeks: Final Report. Project Number: CB/00/12. Unpublished study prepared by Syngenta Crop Protection, AG. 115 p. |
| 46162200 | Interregional Research Project No. 4 (2003) Submission of Residue Data in Support of the Petition for Tolerance of Thiamethoxam for Use on Bushberry Subgroup 13B. Transmittal of 1 Study. |
| 46162201 | Barney, W. (2003) Thiamethoxam: Magnitude of the Residue on Blueberry. Project Number: 07051/01/MIR10, 07051/01/ME05, 07051/01/NJ28. Unpublished study prepared by Interregional Research Project No. 4, University of Maine, and Rutgers Research & Development Center. 321 p. |
| 46162500 | Interregional Research Project No. 4 (2003) Submission of Residue Data in Support of the Petition for Tolerance of Thiamethoxam on Pea, Dry; Bean, Dry; Pea, Succulent; and Soybean (Crop Group 6). Transmittal of 4 Studies. |
| 46162501 | Starner, V. (2003) Thiamethoxam: Magnitude of the Residue on Pea (Dry). Project Number: 07590, 07590/00/CIR06, 07590/00/ND09. Unpublished study prepared by Interregional Research Project No. 4, Syngenta Crop Protection, Inc., and U.S. Dept. of Agriculture, Agr. Res. Serv. 225 p. |
| 46162502 | Starner, V. (2003) Thiamethoxam: Magnitude of the Residue on Bean (Dry). Project Number: 07675, 07675/00/CIR05, 07675/00/NY14. Unpublished study prepared by Interregional Research Project No. 4, Syngenta Crop Protections, Inc., and Cornell University. 250 p. |
| 46162503 | Starner, V. (2003) Thiamethoxam: Magnitude of the Residue on Pea (Succulent). Project Number: 07676, 07676/00/CIR04, 07676/00/NJ18. Unpublished study prepared by Interregional Research Project No. 4, Syngenta Crop Protection, Inc., and Rutgers Research & Development Center. 326 p. |
| 46162504 | Ediger, K. (2003) CGA-293343 - Magnitude of the Residues in or on Soybean Resulting from Seed Treatment: (Final Report). Project Number: 08642, 08618, 26/02. Unpublished study prepared by Syngenta Crop Protection, Inc., Agricultural Systems Associates, and G & H Associates, Inc. 152 p. |
| 46163100 | Syngenta Crop Protection, Inc. (2003) Submission of Toxicity and Residue Data in Support of the Registration of Cruiser Insecticide. Transmittal of 7 Studies. |
| 46163102 | Szentes, C. (2001) Field Test: Side Effects of Sunflowers Grown from Seeds Dressed with CGA 293343 350 FS (A-9700 B) on the Honeybee (Apis mellifera carnica): Final Report. Project Number: 31062/00, 2003622. Unpublished study prepared by Ecotoxicological Laboratory. 80 p. |
| 46163104 | Satter, P. (2003) Determination of Analytes Thiamethoxam (CGA 293343) and its Metabolite CGA 322704 in or on Pollen, Nectar and Honey from Sunflower Collected in Study 991567. Project Number: 02/N015, 991567. Unpublished study prepared by Syngenta Crop Protection, AG. 13 p. |
| 46163105 | Mair, P. (2000) Report on Analytical Study 106/00 Determination of Analytes Thiamethoxam (CGA 293343) and CGA 322704 in Sun Flower (Heads and Flowers), Honey, Nectar, and Pollen Collected in Study 31061/00: Final Report. Project Number: 106/00, 31061/00. Unpublished study prepared by Syngenta Crop Protection, AG. 8 p. |
| 46163106 | Mair, P. (2000) Report on Analytical Study 107/00 Determination of Analytes Thiamethoxam (CGA 293343) and CGA 322704 in Sun Flower (Heads and Flowers), Honey, Nectar, and Pollen Collected in Study 31062/00: Final Report. Project Number: 107/00, 31062/00. Unpublished study prepared by Syngenta Crop Protection, AG. 8 p. |
| 46163107 | Mair, P. (2000) Report on Analytical Study 104/00 Determination of Analytes Thiamethoxam (CGA 293343) and CGA 322704 in Sun Flower (Heads and Leafs), Honey, Pollen, and Bee (Honey Stomach Content) Collected in Study 99332/S1-BFEU: Final Report. Project Number: 104/00, 99332/S1/BFEU. Unpublished study prepared by Syngenta Crop Protection, AG. 10 p. |
| 46163108 | Hohl, J. (2001) Report on Analytical Study 103/01; Determination of Analytes Thiamethoxam (CGA 293343) and CGA 322704 in Sunflowers (Flowers, Leaves), Honey, Honey Stomach Content and Pollen, Collected in Study 20001072/I1-BFEU. Project Number: 103/01, 20001072/I1/BFEU. Unpublished study prepared by Syngenta Crop Protection, AG. 8 p. |
| 46177100 | Janssen Pharmaceutica (2004) Submission of Product Chemistry Data in Support of the Application for Registration of XAMOX 3OL. Transmittal of 1 Study. |
| 46203600 | Interregional Research Project No. 4 (2004) Submission of Residue Data in Support of the Petition of Tolerance of Thiamethoxam for Use on Vegetable, Root, Except Sugar Beet, Subgroup 1 B. Transmittal of 2 Studies. |
| 46203601 | Barney, W. (2004) Thiamethoxam: Magnitude of the Residue on Radish. Project Number: 07677/00/CIR08, 561/00, 07677. Unpublished study prepared by Ohio State University, University of Maryland and Syngenta Crop Protection. 301 p. |
| 46203602 | Barney, W. (2004) Thiamethoxam: Magnitude of the Residue on Carrot. Project Number: 07468/00/CIR01, 560/00, 07468. Unpublished study prepared by Syngenta Crop Protection, Excel Research Services, Inc. and Washington State University. 258 p. |
| 46228700 | Syngenta Crop Protection, Inc. (2004) Submission of Environmental Fate Data in Support of the Application for Registration of Optigard DW. Transmittal of 1 study. |
| 46228701 | Itterly, W.; Rosenheck, L. (2003) Measurement of Indoor Air Residues Following A Termiticide Application of Thiamethoxam (CGA-293343). Project Number: 1202/00, I293343NAU950T, 990086. Unpublished study prepared by Syngenta Crop Protection, Inc. and Central California Research Laboratories. 118 p. |
| 46237400 | Syngenta Crop Protection, Inc. (2004) Submission of Efficacy Data in Support of the Application for Registration of Thiamethoxam 2SC. Transmittal of 1 study. |
| 46241600 | Syngenta Crop Proctection, Inc. (2003) Submission of Toxicity Data in Support of the Registration of Cruiser Insecticide. Transmittal of 1 Study. |
| 46241601 | Frana, J. (2003) Field Test: Side Effects of Sunflower Grown from Seeds Dressed with A-9700 B on the Honey Bee (Apis mellifera L.) in Argentina: Final Report. Project Number: 991567. Unpublished study prepared by National Institute of Agriculture. 55 p. |
| 46308300 | Syngenta Crop Protection, Inc. (2004) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of Cruiser Extreme Insecticide and Fungicide Pre-Pack. Transmittal of 8 Studies. |
| 46360100 | Bayer CropScience LP (2004) Submission of Economic Data in Support of the Registration of Azinphos-Methyl. Transmittal of 1 Study. |
| 46360101 | Storey, G.; White, M. (2004) Azinphos-methyl and Competitive Product Use Data from 1997-2003: Almond, Apple, Blueberries, Cherries, Pear, Pistachio and Walnuts. Project Number: MW08302004. Unpublished study prepared by Bayer Cropscience LP. 20 p. |
| 46402900 | Syngenta Crop Protection, Inc. (2004) Submission of Exposure and Risk, Environmental Fate, Residues and Toxicity Data in Support of the Application for Registration of Meridian 25WG. Transmittal of 15 Studies. |
| 46402901 | Peffer, R.; Lloyd, S. (2004) Thiamethoxam: Hazard Identification and Proposed Endpoints for Risk Assessment. Project Number: T009019/04. Unpublished study prepared by Syngenta Crop Protection, Inc. 29 p. |
| 46402902 | Lloyd, S. (2004) Thiamethoxam: Overview of Multigeneration Reproduction Studies. Project Number: T009017/04. Unpublished study prepared by ICI Americas Inc. 28 p. |
| 46402903 | Lloyd, S.; Peffer, R. (2004) Thiamethoxam: Assessment of Potential Endocrine-Related Effects in Mammals. Project Number: T009018/04. Unpublished study prepared by Syngenta Crop Protection, Inc. 29 p. |
| 46402905 | Pearson, F. (2004) Compilations of Articles Supporting "Thiamethoxam: Hazard Identifiaction and Proposed Endpoints for Risk Assessment (Syngenta Report No. T009019-04) and Cited Studies". Project Number: T015394-04. Unpublished study prepared by Syngenta Crop Protection, Inc. 558 p. |
| 46402906 | Seeley, J. (2000) Pathology Working Group (PWG) Peer Review of the Testes from a Rat Dietary Two-Generation Reproductive Study of CGA-293343 Technical: Final Report. Project Number: 140/090, T007717/04. Unpublished study prepared by Experimental Pathology Laboratories, Inc. 163 p. |
| 46402907 | Weber, E. (2000) Immunohistochemical Assessment of (Alpha) (2 Mu)-Globulin in the Rat Kidney Upon Administration of CGA 293343 for 28 Days: Final Report. Project Number: CB/00/16. Unpublished study prepared by Novartis Crop Protection, AG. 18 p. |
| 46402908 | Weber, E. (2000) Immunohistochemical Assessment of (Alpha) (2-Mu)-Globulin in the Rat Kidney Upon Administration of CGA 293343 for 3 Months: Final Report. Project Number: CB/99/55. Unpublished study prepared by Novartis Crop Protection, AG. 17 p. |
| 46402909 | Weber, E. (2000) Immunohistochemical Assessment of (Alpha) (2-Mu)-Globulin in the Rat Kidney Upon Administration of CGA 293343 for 12 Months. Project Number: CB/00/14. Unpublished study prepared by Novartis Crop Protection, AG. 17 p. |
| 46402910 | Weber, E. (2000) Immunohistochemical Assessment of (Alpha) (2-Mu)-Globulin in the Rat Kidney Upon Administration of CGA 293343 for 24 Months: Final Report. Project Number: CB/00/15. Unpublished study prepared by Novartis Crop Protection, AG. 16 p. |
| 46402911 | Sturgess, N. (2004) Thiamethoxam: Receptor Binding Studies With Thiamethoxam, Imidacloprid and Nicotine: Interaction with Mammalian (Alpha)4(Beta)2 and (Alpha)7-Type Nicotinic Acetylcholine Receptors. Project Number: 026299. Unpublished study prepared by ICI Americas Inc. 23 p. |
| 46402913 | Fischer, W. (2004) Uptake of Thiamethoxam Into Turf Grass Following Foliar Application: Final Report. Project Number: 2002WF13A. Unpublished study prepared by Syngenta Crop Protection, AG. 25 p. |
| 46402914 | Fischer, W. (2004) Behavior of Thiamethoxam on Turf Following Foliar Application: Final Report. Project Number: 2002WF13B. Unpublished study prepared by Syngenta Crop Protection, AG. 27 p. |
| 46412800 | Syngenta Crop Protection Inc. (2004) Submission of Product Chemistry and Toxicity Data in Support of the Amended Registration of Cruiser Insecticide. Transmittal of 9 Studies. |
| 46429400 | Janssen Pharmaceutica (2004) Submission of Product Chemistry Data in Support of the Application for Registration of Xamox 3OL. Transmittal of 1 Study. |
| 46429401 | Helmer, D. (2004) Supplemental to MRID 4578913: 36 mo. Evaluation; Interim Report: Field Termite Test of Commercial Wood Composites Treated with Janssen Experimental Termiticides. Project Number: E26639. Unpublished study prepared by Michigan Technological University. 9 p. |
| 46494200 | Janssen Pharmaceutica Inc. (2005) Submission of Exposure and Risk Data in Support of the Application for Registrations of Xamox 3OL and Xamox 100 SL. Transmittal of 2 Studies. |
| 46554600 | Janssen Pharmaceutica, Inc. (2005) Submission of Environmental Fate, Exposure and Risk Data in Support of the Application for Registration of Xamox 3OL and Xamox 100 SL. Transmittal of 2 Studies. |
| 46554601 | Bylemans, D. (2005) Surface Wipe Test of R170051 from Wood Blocks Treated with Xamox 3 OL and Xamox 100 SL. Project Number: 05038, 059/2005, AGR/1139. Unpublished study prepared by Janssen Pharmaceutica. 129 p. |
| 46554602 | Bylemans, D. (2005) Leaching of R170051 After Artifical Rainfall on Scots Pine Sapwood (Pinus sylvestris) Treated with Xamox 100SL and 3 OL. Project Number: 05029, 60/2005, AGR/1128. Unpublished study prepared by Janssen Pharmaceutica. 65 p. |
| 46567600 | Janssen Pharmaceutica, Inc. (2005) Submission of Product Chemistry Data in Support of the Application for Registration of Xamox 3OL. Transmittal of 1 Study. |
| 46575300 | Syngenta Crop Protection, Inc. (2005) Submission of Product Chemistry Data in Support of the Registration of Cruiser Extreme. Transmittal of 1 Study. |
| 46632600 | Janssen Pharmaceutica Inc. (2005) Submission of Efficacy Data in Support of the Application for Registrations of Xamox 3OL and Xamox 100 SL. Transmittal of 1 Study. |
| 46709000 | Syngenta Crop Protection, Inc. (2005) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of CruiserMaxx Beans Insecticide. Transmittal of 8 Studies. |
| 46716300 | Syngenta Crop Protection, Inc. (2005) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of CruiserMaxx Potato Insecticide and Fungicide. Transmittal of 8 Studies. |
| 46724900 | Syngenta Crop Protection (2005) Submission of Residue Data in Support of the Application for Registration of Actara 240 SC Insecticide. Transmittal of 3 Studies. |
| 46727900 | Syngenta Crop Protection, Inc. (2006) Submission of Environmental Fate Data in Support of the Registration of Thiamethoxam. Transmittal of 5 Studies. |
| 46801400 | Syngenta Crop Protection, Inc and Interregional Research Project No. 4 (2006) Submission of Residue Data in Support of the Amended Registration of Actara Insecticide 25 WG and Platinum Insecticide 2SC and the Petition for Tolerance of Thiamethoxam for Use on Barley, Globe Artichoke, Caneberry and Hops. Transmittal of 4 Studies. |
| 46908900 | Syngenta Crop Protection, Inc. (2006) Submission of Exposure and Risk Data in Support of the Application for Registration of Meridian 25WG and Meridian 0.33G. Transmittal of 1 Study. |
| 46908901 | Dixon, M. (2006) Thiamethoxam (CGA-293343): Determination of Hand Transfer Efficiency of Thiamethoxam Residues from Residential Turf Following Granular and Liquid Applications: Final Report. Project Number: T001743/03. Unpublished study prepared by Pyxant Labs Inc. and Grayson Research, L.L.C. 175 p. |
| 46919400 | Syngenta Crop Protection, Inc (2006) Submission of Toxicity Data in Support of the Registration of Thiamethoxam. Transmittal of 2 Studies. |
| 46938100 | Innovative Pest Control Products (2006) Submission of Efficacy, Product Chemistry and Toxicity Data in Support of the Amended Registration of Gourmet Liquid Ant Bait. Transmittal of 13 Studies. |
| 46948100 | Syngenta Crop Protection, Inc. (2006) Submission of Efficacy, Product Chemistry and Toxicity Data in Support of the Application for Registration of Optigard Ant Gel 100. Transmittal of 10 Studies. |
| 46948700 | Syngenta Crop Protection, Inc. (2006) Submission of Product Chemistry Data in Support of the Application for Registration of Optigard Ant Gel 30. Transmittal of 2 Studies. |
| 46984600 | Syngenta Crop Protection, Inc. (2006) Submission of Efficacy Data in Support of the Application for Registration of Optigard Ant Gel 100. Transmittal of 3 Studies. |
| 46988800 | Syngenta Crop Protection (2006) Submission of Product Chemistry Data in Support of the Application for Registration of Cruiser Maxx. |
| 47024400 | Chemtura USA Corporation (2007) Submission of Exposure and Risk Data in Support of the Reregistration of Thiamethoxam Technical. Transmittal of 1 Study. |
| 47034200 | Syngenta Crop Protection, Inc. (2007) Submission of Toxicity, Risk and Exposure Data in Support of the Registration of Thiamethoxam Technical. Transmittal of 2 Studies. |
| 47034202 | Rosenheck, L. (2007) Thiamethoxam (CGA-293343): Determination of Hand Transfer Efficiency of Thiamethoxam Residues from Residential Turf Following Granular and Liquid Applications: (Supplement to MRID 46908901): Response. Project Number: T001743/03, 1580, 05/496. Unpublished study prepared by Pyxant Labs Inc. and Grayson Research, L.L.C. 82 p. |
| 47088200 | Syngenta Crop Protection, Inc. (2007) Submission of Residue Data in Support of the Amended Registration of Centric 40WG. Transmittal of 1 Study. |
| 47091500 | Syngenta Crop Protection Inc. (2007) Submission of Product Chemistry Data in Support of the Registration of Cruiser Insecticide. Transmittal of 1 Study. |
| 47092500 | Syngenta Crop Protection Inc. (2007) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of THX/MXM/FDL CZ. Transmittal of 8 Studies. |
| 47111700 | Syngenta Crop Protection Inc. (2007) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of Thiamethoxam Lawn and Landscape 0.33G. Transmittal of 7 Studies. |
| 47111800 | Syngenta Crop Protection, Inc. (2007) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of Thiamethoxam Lawn & Landscape 0.22G. Transmittal of 4 Studies. |
| 47123700 | Syngenta Crop Protection, Inc. (2007) Submission of Product Chemistry Data in Support of the Registration of CruiserMaxx Potato Insecticide and Fungicide. Transmittal of 1 Study. |
| 47176500 | Syngenta Crop Protection (2007) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of Platinum SG 75 Insecticide. Transmittal of 8 Studies. |
| 47231900 | Syngenta Crop Protection, Inc. (2007) Submission of Product Chemistry Data in Support of the Registration of Endigo ZC Insecticide. Transmittal of 1 Study. |
| 47234700 | Syngenta Crop Protection (2007) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of Thiamethoxam 0.20/ Lambda-cyhalothrin 0.04 L&G GR. Transmittal of 8 Studies. |
| 47246700 | Syngenta Crop Protection, Inc. (2007) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of Cruiser Maxx Cereals. Transmittal of 8 Studies. |
| 47251100 | Syngenta Crop Protection Inc. (2007) Submission of Efficacy Data in Support of the Application for Registration of Optiguard 2SC. Transmittal of 1 Study. |
| 47287500 | Syngenta Crop Protection, Inc. (2007) Submission of Residue Data in Support of the Registrations of Platinum Insecticid, Actara Insecticide and Centric 40WG and the Petition for Tolerance of Thiamethoxam for Use in or on Fruit, Citrus and Nut, Tree, Including Pistachio Nuts and Almond Hulls raw Agricultural Commodities. Transmittal of 2 Studies. |
| 47329700 | Syngenta Crop Protection, Inc. (2008) Submission of Product Chemistry Data in Support of the Registration of Optigard Ant Gel Bait. Transmittal of 1 Study. |
| 47344200 | Syngenta Crop Protection, Inc. (2008) Submission of Exposure Data in Support of the Amended Registration of Cruiser Insecticide. Transmittal of 1 Study. |
| 47344201 | Kennedy, E. (2008) Occupational Risk Assessment for Cruiser 5FS for Cucurbits and Sorghum Seed Treatment: Thiamethoxam. Project Number: T000428/08. Unpublished study prepared by Syngenta Crop Protection, Inc. 32 p. |
| 47379700 | Syngenta Crop Protection, Inc. (2008) Submission of Environmental Fate Data in Support of the Registration of Thiamethoxam Technical. Transmittal of 1 Study. |
| 47410300 | Syngenta Crop Protection, Inc. (2008) Submission of Exposure and Risk Data in Support of the Application for Registration of Cruiser 70WS Insecticide. Transmittal of 1 Study. |
| 47410301 | Kennedy, E. (2008) Thiamethoxam: Occupational Risk Assessment for Cruiser 70WS for Leafy Vegetable, Brassica Vegetable and Carrot Seed Treatment: Assessment. Project Number: T000897/08. Unpublished study prepared by Syngenta Crop Protection. 40 p. |
| 47415400 | J.J. Mauget Co. (2008) Submission of Efficacy Data in Support of the Registration of Dutrex. Transmittal of 15 Studies. |
| 47420900 | Syngenta Crop Protection, Inc. (2008) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of Durivo Insecticide. Transmittal of 8 Studies. |
| 47423400 | Syngenta Crop Protection, Inc. (2008) Submission of Exposure and Risk Data in Support of the Amended Registration of Cruiser Insecticide. Transmittal of 1 Study. |
| 47423401 | Kennedy, E. (2008) Thiamethoxam: Occupational Risk Assessment for All Approved Seed Treatment Uses of Cruiser 5FS. Project Number: T000819/08, T000428/08, T001207/99. Unpublished study prepared by Syngenta Crop Protection, Inc. 48 p. |
| 47424100 | Syngenta Crop Protection, Inc. (2008) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of Voliam Flexi Insecticide. Transmittal of 8 Studies. |
| 47424300 | Syngenta Crop Protection, Inc. (2008) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of Avicta Duo (Abamectin + Thiamethoxam). Transmittal of 8 Studies |
| 47436500 | Syngenta Crop Protection, Inc. (2008) Submission of Product Chemistry Data in Support of the Registration of Thiamethoxam Technical. Transmittal of 1 Study. |
| 47436600 | Syngenta Crop Protection, Inc. (2008) Submission of Exposure and Risk Data in Support of the Amended Registration of Cruiser Insecticide. Transmittal of 1 Study. |
| 47436601 | Kennedy, E. (2008) Thiamethoxam: Occupational Risk Assessment for Cruiser 5FS for Soybean Seed Treatment at Increased Use Rate: Assessment. Project Number: T000826/08. Unpublished study prepared by Syngenta Crop Protection. 28 p. |
| 47462400 | Syngenta Crop Protection, Inc. (2008) Submission of Residue Data in Support of the Registrations of Actara Insecticide and Platinum Insecticide. Transmittal of 1 Study. |
| 47486200 | Syngenta Crop Protection, Inc. (2008) Submission of Fate Data in Support of the Registration of Thiamethoxam. Transmittal of 1 Study. |
| 47500400 | Syngenta Crop Protection, Inc. (2008) Submission of Product Chemistry Data in Support of the Registration of THX/MXM/FDL CZ. Transmittal of 1 Study. |
| 47515700 | Syngenta Crop Protection Inc. and Interregional Research Project No. 4 (2008) Submission of Residue, Toxicity and Exposure and Risk Data in Support of the Registrations of Actara Insecticide, Cruiser Insecticide, Platinum Insecticide, Platinum 5FS Insecticide and Thiamethoxam Technical and the Petition for Tolerance of Thiamethoxam in or on Root Vegetables Subgroup 1A. Transmittal of 3 Studies. |
| 47523400 | United States Environmental Protection Agency (2008) Submission of Toxicity, Fate and Residue Data in Support of Risk Assessment. Transmittal of 11 Studies. |
| 47523404 | Iwasa, T.; Motoyama, N.; Ambrose, J.; et al. (2003) Mechanism for the Differential Toxicity of Neonicotinoid Insecticides in the Honey Bee, Apis mellifera. Crop Protection 23(2004): 371-378. |
| 47556200 | Syngenta Crop Protection, Inc. (2008) Submission of Exposure and Risk Data in Support of the Application for Registration of Cruiser 70WS Insecticide. Transmittal of 1 Study. |
| 47556201 | Kennedy, E. (2008) Thiamethoxam: Refinement of Seed Treatment Parameters Used in the Occupational Risk Assessment for Cruiser 70WS for Romaine and Head Lettuce Seed Treatment: Assessment. Project Number: T007770/08, 15. Unpublished study prepared by Syngenta Crop Protection. 25 p. |
| 47558100 | Syngenta Crop Protection, Inc. (2008) Submission of Exposure and Risk, Residue, Environmental Fate, Toxicity and Reduced Risk Rationale Data in Support of the Registration of Cruiser and the Petition for Tolerance of Thiamethoxam for Use on Rice. Transmittal of 8 Studies. |
| 47558106 | Sayers, L. (2008) Thiamethoxam: Acute Toxicity to Red Swamp Crayfish (Procambarus clarkii), Under Static-Renewal Conditions: Final Report. Project Number: 1781/6677, T003595/06, 07/ASTM/STR/CRAYFISH. Unpublished study prepared by Springborn Smithers Laboratories. 50 p. |
| 47558107 | Perine, J. (2008) Thiamethoxam: Drinking Water Exposure Assessment for Thiamethoxam (CGA293343) Seed Treatment on Rice: Assessment. Project Number: T001728/08. Unpublished study prepared by Syngenta Crop Protection. 17 p. |
| 47558108 | McCain, P.; Perine, J.; Overmyer, J.; et al. (2008) Reduced-Risk Pesticide Rationale for Thiamethoxam. Project Number: T009577/07. Unpublished study prepared by Syngenta Crop Protection, Inc. 61 p. |
| 47568300 | Syngenta Crop Protection, Inc. (2008) Submission of Product Chemistry Data in Support of the Registration of CruiserMaxx Cereals. Transmittal of 1 Study. |
| 47579600 | Syngenta Crop Protection, Inc. (2008) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of Thiamethoxam 0.010/Lambda-Cyhalothrin 0.004 ME RTU. Transmittal of 4 Studies. |
| 47579700 | Syngenta Crop Protection (2008) Submission of Efficacy, Product Chemistry and Toxicity Data in Support of the Application for Registration of Thiamethoxam 0.40/Lambda-cyhalothrin 0.16 ME Concentrate. Transmittal of 10 Studies. |
| 47618400 | Syngenta Crop Protection, Inc. (2008) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of Meridian 0.20 G. Transmittal of 4 Studies. |
| 47642000 | Syngenta Crop Protection, Inc. (2009) Submission of Product Chemistry Data in Support of the Application for Registration of Meridian 0.14G. Transmittal of 2 Studies. |
| 47645400 | Syngenta Crop Protection, Inc. (2009) Submission of Product Chemistry Data in Support of the Registration of Cruiser 70 WS Insecticide. Transmittal of 1 Study. |
| 47651500 | Janssen PMP (2009) Submission of Efficacy Data in Support of the Amended Registration of Xamox 100 SL. Transmittal of 2 Studies. |
| 47651501 | Nicholas, D.; Schultz, T. (2008) Evaluation of a New Insecticide Against Formosan Termites: (Xamox 100 SL): Final Report. Project Number: JNDDN/8. Unpublished study prepared by Mississippi State University: Forest and Wildlife Research Center. 17 p. |
| 47651502 | Larkin, G.; Keranen, E.; Laks, P. (2008) Field Termite Test of Commercial Wood Composites Treated with Janssen Experimental Termiticides - May 2006 Protocol: 30-Month Interim Report: (Xamox 100 SL). Project Number: E26641B/20081211. Unpublished study prepared by Michigan Technological University: School of Forest Resources and Environmental Science. 43 p. |
| 47702700 | Syngenta Crop Protection, Inc. (2009) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of Agri-Flex Miticide/Insecticide. Transmittal of 8 Studies. |
| 47715200 | Syngenta Crop Protection, Inc. (2009) Submission of Efficacy Data in Support of the Registration of Optigard Ant Gel Bait. Transmittal of 1 Study. |
| 47722900 | Syngenta Crop Protection, Inc. (2009) Submission of Product Chemistry and Toxicity Data in Support of the Application for Avicta Duo 250. Transmittal of 8 Studies. |
| 47737800 | ISK Biosciences Corporation (2009) Submission of Toxicity Data in Support of the Registration of Technical Flonicamid Insecticide, Flonicamid 50WG and Beleaf 50SG Insecticide. Transmittal of 1 Study. |
| 47751400 | Syngenta Crop Protection, Inc. (2009) Submission of Residue Data in Support of the Petition for Tolerance of Thiamethoxam for Use on Rice. Transmittal of 1 study. |
| 47760600 | Syngenta Crop Protection, Inc. (2008) Submission of Residue Data in Support of the Registration of Difenoconazole and the Petition for Tolerance of Thiamethoxam, Difenoconazole and Azoxystrobin for Use on Waxapple and Mango. Transmittal of 1 study. |
| 47774400 | Syngenta Crop Protection, Inc. (2009) Submission of Product Chemistry Data in Support of the Registrations of Flagship 0.22G and Thiamethoxam Lawn and LandScape 0.22G. Transmittal of 1 Study. |
| 47777300 | Syngenta Crop Protection, Inc. (2009) Submission of Product Chemistry Data in Support of the Registration of Optigard Ant Gel Bait. Transmittal of 1 Study. |
| 47778900 | Syngenta Crop Protection, Inc. (2009) Submission of Residue, Exposure and Risk Data in Support of the Amended Registration of Cruiser 70WS Insecticide and the Petition for Tolerance of Thiamethoxam for Use on Dry Bulb Onions. Transmittal of 2 Studies. |
| 47778901 | Kennedy, E. (2009) Thiamethoxam: Occupational Risk Assessment for Cruiser 70WS for Onion Seed Treatment: Assessment. Project Number: TK0011780. Unpublished study prepared by Syngenta Crop Protection, Inc. 29 p. |
| 47786100 | Syngenta Crop Protection, Inc. (2009) Submission of Residue Data in Support of the Registrations of Actara Insecticide and Platinum Insecticide. Transmittal of 4 Studies. |
| 47800500 | U. S. Environmental Protection Agency (2009) Submission of Toxicity, Fate, Residue, Environmental Fate and Exposure and Risk Data in Support of the Risk Assessment. Transmittal of 33 Studies. |
| 47800507 | Aliouane, Y.; el Hassani, A.; Gary, V.; et al. (2009) Subchronic Exposure of Honeybees to Sublethal Doses of Pesticides: Effects on Behavior. Environmental Toxicology and Chemistry 28(1):113-122. |
| 47828000 | Syngenta Crop Protection (2008) Submission of Fate Data in Support of the Registration of Thiamethoxam Technical. Transmittal of 1 Study. |
| 47914900 | Syngenta Crop Protection, Inc. (2009) Submission of Product Chemistry Data in Support of the Amended Registration of Thiamethoxam Technical. Transmittal of 2 Studies. |
| 47915200 | Novartis Animal Health US, Inc. (2009) Submission of Product Chemistry, Toxicity and Efficacy Data in Support of the Application for Registration of Agita 1GB Fly Bait. Transmittal of 17 Studies. |
| 47915216 | Patel, A. (2006) Particle Size Distribution of Agita 1GB A-12339-A. Project Number: 5745. Unpublished study prepared by Jai Research Foundation. 34 p. |
| 47915217 | Fieseler, A. (2008) Determination of the Attrition Resistance of Agita 1GB. Project Number: 43521205. Unpublished study prepared by IBACON GmbH. 16 p. |
| 47915400 | Novartis Animal Health US, Inc. (2009) Submission of Efficacy, Product Chemistry and Toxicity Data in Support of the Application for Registration for Agita 10 WG. Transmittal of 25 Studies. |
| 47915425 | Fieseler, A. (2008) Determination of the Attrition Resistance of Agita 10 WG. Project Number: 43002205. Unpublished study prepared by Institut fuer Biologische Analytik und Consulting IBACON. 16 p. |
| 47919700 | Syngenta Crop Protection, Inc. (2010) Submission of Product Chemistry, Toxicity, Residue, Fate and Environmental Fate Data in Support of the Application for Registration of Sedaxane. Transmittal of 21 Studies. |
| 47919800 | Syngenta Crop Protection, Inc. (2010) Submission of Product Chemistry, Toxicity, Residue, Environmental Fate and Efficacy Data in Support of the Application for Registration of Sedaxane and the Petition for Tolerance of Sedaxane for Use on Soybean, Canola, Wheat, Barley, Oats, Trilicale and Other Small Grains (Except Rice). Transmittal of 17 Studies. |
| 47919816 | Stulz, J. (2010) Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane FS: (036.9/030.7/009.5/008) (A17511B)--Document M-III, Section 2, Analytical Methods. Project Number: A17511B/10014/OCR, PC/10/053, A17511B/10014. Unpublished study prepared by Syngenta Crop Protection, Inc. 8 p. |
| 47919818 | Baloch, R. (2010) A17511B: Difenoconazole 36.9 g/L + Thiamethoxam 30.7 g/L + Metalaxyl-M 9.5 g/L + Sedaxane 8.0 g/L FS: Document M-III, Section 4: Metabolism and Residues Data. Project Number: A17511B/10016/OCR, A171511B/10016. Unpublished study prepared by Syngenta Crop Protection, Inc. 39 p. |
| 47919819 | Greener, M. (2010) A17511B: Difenoconazole 36.9 g/L + Thiamethoxam 30.7 g/L + Metalaxyl-M 9.5 g/L + Sedaxane 8.0 g/L FS: Document M-III Section 5: Fate and Behavior in the Environment. Project Number: A17511B/10017/OCR, A17511B/10017. Unpublished study prepared by Syngenta Crop Protection, Inc. 123 p. |
| 47919820 | Henry, K.; Overmyer, J.; Hoekstra, P.; et al. (2010) A17511B: Difenoconazole 36.9 g/L + Thiamethoxam 30.7 g/L + Metalaxyl-M 9.5 g/L + Sedaxane 8.0 g/L FS: Document M-III, Section 6: Ecotoxicological Studies. Project Number: A17511B/10018/OCR, A17511B/1008. Unpublished study prepared by Syngenta Crop Protection, Inc. 44 p. |
| 47919821 | Oostendorp, M.; Geil, T. (2010) A17511B: Difenoconazole 36.9 g/L + Thiamethoxam 30.7 g/L + Metalaxyl-M 9.5 g/L + Sedaxane 8.0 g/L FS: Document M-III Section 7: Efficacy Data and Information - Canada. Project Number: A17511B/10019/OCR, A17511B/10019. Unpublished study prepared by Syngenta Crop Protection, Inc. 69 p. |
| 47926200 | Syngenta Crop Protection, Inc. (2009) Submission of Product Chemistry Data in Support of the Registration of Flagship 0.22G. Transmittal of 1 Study. |
| 47931300 | Syngenta Crop Protection, Inc. (2009) Submission of Product Chemistry Data in Support of the Registration of Thiamethoxam 0.040/Lambda-Cyhalothrin 0.16 ME Concentrate. Transmittal of 1 Study. |
| 47932800 | Syngenta Crop Protection, Inc. (2009) Submission of Product Chemistry Data in Support of the Registration of Meridian 0.20G. Transmittal of 1 Study. |
| 47932900 | Syngenta Crop Protection, Inc. (2009) Submission of Product Chemistry Data in Support of the Registration of Meridian 0.14G. Transmittal of 1 Study. |
| 47934700 | Syngenta Crop Protection, Inc. (2009) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of Difenoconazole 0.170/ Thiamethoxam 0.010/ Lambda Cyhalothrin 0.004 ME RTU. Transmittal of 4 Studies. |
| 47934900 | Syngenta Crop Protection, Inc. (2009) Submission of Efficacy, Product Chemistry and Toxicity Data in Support of the Application for Registration of Difenoconazole 0.66/Thiamethoxam 0.40/Lambda-Cyhalothrin 0.16 ME Concentrate. Transmittal of 9 studies. |
| 47946700 | Syngenta Crop Protection, Inc. (2009) Submission of Exposure and Risk Data in Support of the Applications for Registration of Agri-Flex Miticide/Insecticide and Agri-Mek SC. Transmittal of 2 Studies. |
| 47954600 | Syngenta Crop Protection (2010) Submission of Product Chemistry Data in Support of the Registration of Thiamethoxam 0.010/Lambda-Cyhalothrin 0.004 ME RTU. Transmittal of 1 Study. |
| 47962500 | Syngenta Crop Protection, Inc. (2010) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of CruiserMaxx. Transmittal of 8 Studies. |
| 47968500 | Syngenta Crop Protection, Inc. (2010) Submission of Product Chemistry Data in Support of the Registration of Thiamethoxam Ant Killer Gel. Transmittal of 1 Study. |
| 47972400 | Syngenta Crop Protection, Inc. (2010) Submission of Product Chemistry Data in Support of the Registration of Voliam Flexi. Transmittal of 3 Studies. |
| 47973300 | Syngenta Crop Protection, Inc. (2010) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of Optigard Liquid Ant Bait. Transmittal of 7 Studies. |
| 47977500 | Syngenta Crop Protection, Inc. (2010) Submission of Product Chemistry Data in Support of the Registration of Durivo. Transmittal of 1 Study. |
| 48020200 | Syngenta Crop Protection, Inc. (2010) Submission of Residue and Exposure and Risk Data in Support of the Amended Registration of Cruiser Insecticide and the Petition for Tolerance of Thiamethoxam for Use on Alfalfa. Transmittal of 2 Studies. |
| 48020202 | Kenndy, E. (2010) Thiamethoxam: Occupational Risk Assessment for Proposed Alfalfa Seed Treatment Uses of Cruiser 5FS: Assessment. Project Number: TK0024607, TK0024607/OCR. Unpublished study prepared by Syngenta Crop Protection, Inc. 24 p. |
| 48053300 | Syngenta Crop Protection, Inc. (2010) Submission of Toxicity Data in Support of the Registrations of Actara Insecticide, Platinum Insecticide and Centric 40 WG Insecticide. Transmittal of 2 Studies. |
| 48081700 | Syngenta Crop Protection, Inc. (2010) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of Four-Way VAP. Transmittal of 8 Studies. |
| 48093800 | Syngenta Crop Protection, Inc. (2010) Submission of Efficacy and Exposure and Risk Data in Support of the Registration of Avicta 500 FS. Transmittal of 2 Studies. |
| 48093802 | Yott, B. (2005) Azoxystrobin: Comparative Dust-Off Measurements of Corn Treated with DYNASTY 100FS vs. APRON FL on Soybeans, DIVIDEND 36FS on Wheat and HELIX XTra on Canola: (Rhizoctonia spp. and Pythium spp.): Final Report. Project Number: T009607/06. Unpublished study prepared by Syngenta Crop Protection Canada, Inc. 22 p. |
| 48110200 | Syngenta Crop Protection, Inc. (2010) Submission of Efficacy and Residue Data in Support of the Amended Registration of Optigard Flex Liquid and the Petition for Tolerance of Thiamethoxam for Use in/on Food/Feed Commodities. Transmittal of 2 Studies. |
| 48131100 | Syngenta Crop Protection, Inc. (2010) Submission of Residue and Environmental Fate Data in Support of the Amended Registration of Optigard ZT. Transmittal of 1 Study. |
| 48131101 | Hampton, R.; Underwood, R. (2010) Request for a Label Change for Optigard ZT (Optigard LB) to Add the Suppression of Darkling Beetles in Broiler-Production Houses. Project Number: TK0035731. Unpublished study prepared by Syngenta Crop Protection. 17 p. |
| 48151500 | U.S. Environmental Protection Agency (2010) Submission of Toxicity and Exposure and Risk Data in Support of Risk Assessment. Transmittal of 2 Studies. |
| 48151502 | Mommaerts, V.; Reynders, S.; Boulet, J.; et al. (2009) Risk Assessment for Side-Effects of Neonicotinoids against Bumblebees with and without Impairing Foraging Behavior. Ecotoxicology 19: 207-215. |
| 48166100 | Janssen PMP (2010) Submission of Efficacy and Product Chemistry Data in Support of the Amended Registration of Xamox 100 SL. Transmittal of 4 Studies. |
| 48166101 | Nicholas, D.; Schultz, T. (2010) Evaluation of a New Insecticide Against Formosan Termites (Xamox 100SL). Project Number: JNDDN/8. Unpublished study prepared by Mississippi State University. 35 p. |
| 48166102 | Nicholas, D.; Schultz, T. (2010) Evaluation of a New Insecticide against Reticulitermes Termites (Xamox SL 100): Final Report. Project Number: JNDDN/10. Unpublished study prepared by Mississippi State University. 35 p. |
| 48166103 | Larkin, G.; Laks, P. (2010) Field Termite Test of Commercial Wood Composites Treated with Janssen Experimental Termiticides (Xamox 100 SL) - May 2006 Protocol: 48 Month Interim Report. Project Number: E26641B/20100723. Unpublished study prepared by Michigan Technological University. 82 p. |
| 48229900 | Novartis Health US, Inc. (2010) Submission of Product Chemistry Data in Support of the Application for Registration of Agita 10 WG. Transmittal of 1 Study. |
| 48229901 | Meeker, J. (2010) Agita 10 WG: Rationale Supporting Determination the Proposed Litter Beetle Use Pattern Should be Considered a Nonfood Use. Unpublished study prepared by Novartis Animal Health US, Inc. 107 p. |
| 48286900 | Novartus Animal Health US, Inc. (2010) Submission of Exposure and Risk Data in Support of the Applications for Registration of Agita 1 GB and Agita 10 WG. Transmittal of 1 Study. |
| 48286901 | Meeker, J. (2010) Agita 1 GB and Agita 10 WG: Response to Occupational and Residential Exposure Assessment Queries. Unpublished study prepared by Novartis Animal Health US, Inc. 137 p. |
| 48296700 | Syngenta Crop Protection, Inc. (2010) Submission of Toxicity Data in Support of the Amended Registrations of Meridian 0.20G and Meridian 0.14G. Transmittal of 1 Study. |
| 48300800 | Syngenta Crop Protection, Inc. (2010) Submission of Product Chemistry and Toxicity Data in Support of the Application for the Registration of Avicta Complete Corn 500 Premix. Transmittal of 8 Studies. |
| 48305300 | Syngenta Crop Protection, Inc. (2010) Submission of Product Chemistry Data in Support of the Registration of Platinum 75 SG Insecticide. Transmittal of 1 Study. |
| 48317600 | Syngenta Crop Protection, Inc. (2010) Submission of Residue Data in Support of the Amended Registrations of Centric 40WG and Cruiser. Transmittal of 1 Study. |
| 48342600 | Syngenta Crop Protection, LLC (2011) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of Avicta Complete Corn 250 Premix. Transmittal of 9 Studies. |
| 48381500 | Syngenta Crop Protection, LLC (2011) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of Synguard Multi G. Transmittal of 8 Studies. |
| 48432500 | Syngenta Crop Protection, LLC (2011) Submission of Product Chemistry, Toxicity, Residue, Fate and Efficacy Data in Support of the Applications for Registration of A16901B Turf, A16901B Residential, A16901B CP and Mainspring Insecticide. Transmittal of 43 Studies. |
| 48432501 | Born, R. (2011) A16901B: Cyantraniliprole + Thiamethoxam 200+200 g/kg- WG: Document J. Project Number: A16901B/10035. Unpublished study prepared by Syngenta Crop Protection, LLC. 16 p. |
| 48432532 | Schulz, L. (2010) Cyantraniliprole/ Thiamethoxam WG (A16901B) - Effects on the Activity of Soil Microflora (Nitrogen and Carbon Transformation Tests): Final Report. Project Number: TK0005988, 10/10/48/019/C/N. Unpublished study prepared by Biochem Agrar, Labor fuer Biologische und Chemische. 44 p. |
| 48432535 | Barnes, E. (2011) A16901B: Cyantraniliprole + Thiamethoxam 200 + 200 g/kg- WG: Document MIII Section 3 - Toxicological Studies. Project Number: A16901B/10048. Unpublished study prepared by Syngenta Crop Protection, LLC. 179 p. |
| 48432536 | Francis, P. (2011) A16901B: Cyantraniliprole + Thiamethoxam 200 + 200 g/kg- WG: Document MIII Section 4 - Metabolism and Residues Data. Project Number: A16901B/10049. Unpublished study prepared by Syngenta Crop Protection, LLC. 176 p. |
| 48432537 | Harvey, B. (2011) A16901B: Cyantraniliprole + Thiamethoxam 200 + 200 g/kg- WG: Document MIII Section 5 - Fate and Behaviour in the Environment. Project Number: A16901B/10050. Unpublished study prepared by Syngenta Crop Protection, LLC. 187 p. |
| 48432538 | Warinton, J.; Overmyer, J.; Hoekstra, P. (2011) A16901B: Cyantraniliprole + Thiamethoxam 200 + 200 g/kg- WG: Document MIII Section 6 - Ecotoxicological Studies. Project Number: A16901B/10051, EPR06692. Unpublished study prepared by Syngenta Crop Protection, LLC. 174 p. |
| 48432539 | Geil, T. (2011) A16901B: Cyantraniliprole + Thiamethoxam 200+ 200 g/kg - WG: Vegetables: Document MIII Section 7: Efficacy Data and Information- Canada. Project Number: A16901B/10052. Unpublished study prepared by Syngenta Crop Protection, LLC. 341 p. |
| 48432540 | Geil, T. (2011) A16901B: Cyantraniliprole + Thiamethoxam 200+ 200 g/kg - WG: Ornamentals: Document MIII Section 7: Efficacy Data and Information- Canada. Project Number: A16901B/10063. Unpublished study prepared by Syngenta Crop Protection, LLC. 201 p. |
| 48432541 | Schumann, L. (2011) A16901B: Cyantraniliprole + Thiamethoxam 200+ 200 g/kg - WG: Turf: Document MIII Section 7: Efficacy Data and Information- Australia. Project Number: A16901B/10064. Unpublished study prepared by Syngenta Crop Protection, LLC. 279 p. |
| 48445805 | Perry, T.; Heckel, D.; McKenzie, J.; et al. (2008) Mutations in D(Alpha)1 or D(Beta)2 Nicotinic Acetylcholine Receptor Subunits can Confer Resistance to Neonicotinoids in Drosophila melanogaster. Insect Biochemistry and Molecular Biology 38: 520-528. |
| 48446600 | Syngenta Crop Protection (2011) Submission of Residue Data in Support of the Registration of Cruiser 70WS Insecticide. Transmittal of 1 Study. |
| 48468000 | Syngenta Crop Protection, LLC (2011) Submission of Product Chemistry Data in Support of the Registration of Difenoconazole 0.017/Thiamethoxam 0.010/Lambda-Cyhalothrin 0.004 ME RTU. Transmittal of 2 Studies. |
| 48468200 | Syngenta Crop Protection, LLC (2011) Submission of Product Chemistry Data in Support of the Registration of Difenoconazole 0.66/Thiamethoxam 0.40/Lambda-Cyhalothrin 0.16 ME Concentrate. Transmittal of 2 Studies. |
| 48481700 | Interregional Research Project 4 (2011) Submission of Fate Data in Support of the Amendment of Crop Group 4 - Leafy Vegetables. Transmittal of 1 Study. |
| 48481701 | Barney, W.; Switek, T. (2011) Crop Grouping Petition - Leafy Vegetables Technical Amendment (Addition) to 40 CFR 180.41 (c) and 180.1 (g). Project Number: A/27200/13/11, PR/10777. Unpublished study prepared by Interregional Research Project No. 4. 2145 p. |
| 48491900 | Syngenta Crop Protection, LLC (2011) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of THX/MXM/FDL/TBZ FS. Transmittal of 8 Studies. |
| 48498300 | U.S. Environmental Protection Agency (2011) Submission of Toxicity Data in Support of Risk Assessment. Transmittal of 1 Study. |
| 48498301 | Laurino, D.; Porporato, M.; Patetta, A.; et al. (2011) Toxicity of Neonicotinoid Insecticides to Honey Bees: Laboratory Tests. Bulletin of Insectology 64(1): 107-113. |
| 48506800 | Syngenta Crop Protection, LLC (2011) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of CruiserMaxx Potato Extreme. Transmittal of 8 Studies. |
| 48540900 | Syngenta Crop Protection, LLC (2011) Submission of Product Chemistry Data and Toxicity Data in Support of the Application for Registration of Cruisermaxx EZ. Transmittal of 8 Studies. |
| 48547100 | Syngenta Crop Protection, LLC (2011) Submission of Toxicity Data in Support of the Registration Review of Thiamethoxam Technical, Actara Insecticide, Platinum Insecticide and Centric 40 WG Insecticide. Transmittal of 1 Study. |
| 48563900 | Syngenta Crop Protection, LLC (2011) Submission of Product Chemistry Data in Support of the Registration of Cruisermaxx Rice. Transmittal of 1 Study. |
| 48568100 | Syngenta Crop Protection, LLC (2011) Submission of Product Chemistry Data in Support of the Registration of Four-Way VAP. Transmittal of 1 Study. |
| 48579700 | Syngenta Crop Protection, LLC (2011) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of Tandem CS and Derby CS. Transmittal of 8 Studies. |
| 48584700 | Syngenta Crop Protection, LLC (2011) Submission of Toxicity Data in Support of the Registration of Thiamethoxam Technical. Transmittal of 1 Study. |
| 48644000 | Syngenta Crop Protection, LLC (2011) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of CruiserMaxx Peanuts. Transmittal of 8 Studies. |
| 48647600 | Syngenta Crop Protection, LLC (2011) Submission of Product Chemistry Data in Support of the Registration of Avicta Duo. Transmittal of 1 Study. |
| 48658700 | Syngenta Crop Protection, LLC (2011) Submission of Product Chemistry Data in Support of the Amended Registration of Thiamethoxam Ant Killer Gel. Transmittal of 1 Study. |
| 48667600 | Syngenta Crop Protection, LLC (2011) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of Solvigo Miticide/Insecticide. Transmittal of 8 Studies. |
| 48682400 | Syngenta Crop Protection, LLC (2012) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of Adage Deluxe. Transmittal of 8 Studies. |
| 48682500 | Syngenta Crop Protection, LLC (2012) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of Adage Premier. Transmittal of 8 Studies. |
| 48711000 | US Environmental Protection Agency (2012) Submission of Exposure and Risk Data in Support of Risk Management. Transmittal of 1 Study. |
| 48711001 | Krupke, C.; Hunt, G.; Eitzer, B. et al. (2012) Multiple Routes of Pesticide Exposure for Honey Bees Living Near Agricultural Fields. PloS One 7(1). |
| 48735200 | Syngenta Crop Protection, LLC (2012) Submission of Product Chemistry Data in Support of the Registration of Optigard Liquid Ant Bait. Transmittal of 2 Studies. |
| 48758100 | Syngenta Crop Protection, LLC. (2012) Submission of Residue Data in Support of the Amended Registration of Thiamethoxam Technical and the Petition for Tolerance of Thiamethoxam for Use in or on Coffee. Transmittal of 4 Studies. |
| 48758400 | Syngenta Crop Protection, LLC (2012) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of SYT0113. Transmittal of 8 Studies. |
| 48758900 | Syngenta Crop Protection, LLC (2012) Submission of Residue Data in Support of the Application for Registration of A16901B CP. Transmittal of 6 Studies. |
| 48758901 | Francis, P. (2012) A16901B: Cyantraniliprole 200 g/kg + Thiamethoxam 200 g/kg WG: Document M-III, Section 4: Metabolism and Residues Data. Unpublished study prepared by Syngenta Crop Protection, AG and Syngenta Crop Protection, LLC. 66p. |
| 48772000 | Reintjes Marine Surface Technologies, LLC (2012) Submission of Environmental Fate, Efficacy, Product Chemistry and Toxicity Data in Support of the Application for Registration of Tefcite. Transmittal of 14 Studies. |
| 48773000 | Novartis Animal Health US, Inc. (2012) Submission of Product Chemistry Data in Support of the Registration of Agita 1GB Fly Bait. Transmittal of 1 Study. |
| 48773001 | Liu, Y. (2012) Agita 1 GB: Product Chemistry: (Group B). Project Number: 15837/11. Unpublished study prepared by Stillmeadow, Inc. 8p. |
| 48773100 | Novartis Animal Health US, Inc. (2012) Submission of Product Chemistry Data in Support of the Registration of Agita 10 WG. Transmittal of 1 Study. |
| 48795300 | Syngenta Crop Protection, LLC (2012) Submission of Toxicity Data in Support of the Application for Registration CruiserMaxx Peanuts. Transmittal of 1 Study. |
| 48795301 | Alexander, O. (2012) CruiserMaxx Peanut (A17461A) Azoxystrobin/Fludioxonil/Thiamethoxam/Metalaxyl-M: Waiver Response on the Formulation Composition Toxicity and Milling Procedures for Acute Inhalation Toxicity Study (MRID 48644005). Project Number: TK0118556. Unpublished study prepared by Syngenta Crop Protection. 12p. |
| 48828700 | Bayer CropScience LP (2012) Submission of Exposure and Risk Data in Support of Risk Assessment. Transmittal of 1 Study. |
| 48828701 | Halder, C. (2012) Technical Reviews of Several Recently Published Scientific Articles Concerning Bee Health and the Use of Neonicotinoids. Project Number: US0278. Unpublished study prepared by Bayer CropScience LP. 87p. |
| 48836000 | Syngenta Crop Protection, LLC (2012) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of Avicta Complete Beans 500. Transmittal of 8 Studies. |
| 48836100 | Syngenta Crop Protection, LLC (2012) Submission of Residue Data in Support of the Application for Registration of A16901B CP. Transmittal of 1 Study. |
| 48836101 | Mazlo, J. (2012) Cyantraniliprole: 2011 United States Formulation Residue Bridging Trial Study Results: Summary. Project Number: TK0124507. Unpublished study prepared by Syngenta Crop Protection. 18p. |
| 48836200 | Syngenta Crop Protection, LLC (2012) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of SYT0511. Transmittal of 8 Studies. |
| 48836400 | Syngenta Crop Protection, LLC (2012) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of Endigo ZCX Insecticide. Transmittal of 8 Studies. |
| 48836700 | Syngenta Crop Protection, LLC (2012) Submission of Residue Data in Support of the Petition for Tolerance of Thamethoxam for Use on Tea. Transmittal of 6 Studies. |
| 48836800 | Syngenta Crop Protection, LLC (2012) Submission of Product Chemistry Data in Support of the Applications for Registration of A17960B ST, A17960A St, A16901B CP, Mainspring Insecticide, A16901B Residential and A16901B Turf. Transmittal of 1 Study. |
| 48904800 | Syngenta Crop Protection, LLC (2012) Submission of Product Chemistry Data in Support of the Registration of CruiserMaxx Potato Extreme. Transmittal of 1 Study. |
| 48908300 | Syngenta Crop Protection, LLC (2012) Submission of Efficacy Data in Support of the Amended Registration of Tandem. Transmittal of 2 Studies. |
| 48921100 | Syngenta Crop Protection, LLC (2012) Submission of Product Chemistry Data in Support of the Registration of Avicta Complete Corn 250 Premix. Transmittal of 1 Study. |
| 48921200 | Syngenta Crop Protection, LLC (2012) Submission of Product Chemistry Data in Support of the Registration of CruiserMaxx Peanuts. Transmittal of 1 Study. |
| 48921600 | Bayer CropScience LP (2012) Submission of Toxicity Data in Support of FIFRA 6(a)(2) Data Requirements. Transmittal of 1 Study. |
| 48943200 | Syngenta Crop Protection, LLC (2012) Submission of Product Chemistry Data in Support of the Registration of CruiserMaxx Ez. Transmittal of 1 Study. |
| 48943300 | Syngenta Crop Protection, LLC (2012) Submission of Product Chemistry Data in Support of the Registration of THX/MXM/FDL/TBZ FS. Transmittal of 1 Study. |
| 48966500 | Bayer CropScience LP (2012) Submission of Exposure and Risk Data in Support of Risk Management and Pesticide Use. Transmittlal of 1 Study. |
| 49006100 | Bayer Advanced (2013) Submission of Efficacy Data in Support of the Amended Registration of Merit 1.1% Insecticide Plus Fertilizer. Transmittal of 5 Studies. |
| 49006104 | Wang, B.; Gao, R.; Mastro, V.; et al. (2005) Toxicity of Four Systemic Neonicotinoids to Adults of Anoplophora glabripennis (Coleoptera: Cerambycidae). Journal of Economic Entomology 98(6): 2292-2300. |
| 49025800 | Syngenta Crop Protection, LLC (2012) Submission of Toxicity Data in Support of the Registration of Thiamethoxam Technical. Transmittal of 1 Study. |
| 49070400 | Syngenta Crop Protection, LLC (2013) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of CruiserMaxx Vibrance. Transmittal of 13 Studies. |
| 49070402 | Hipps, A. (2013) Thiamethoxam/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxane FS: A19997A: Document M-III, Section 2: Analytical Methods. Project Number: PC/13/016/OCR. Unpublished study prepared by Syngenta Crop Protection, LLC. 8p. |
| 49105800 | Syngenta Crop Protection, LLC (2013) Submission of Fate Data in Support of the Registration of Thiamethoxam Technical. Transmittal of 1 Study. |
| 49108700 | Syngenta Crop Protection, LLC (2013) Submission of Toxicity Data in Support of the Reregistration of the Thiamethoxan Containing Product Thiamethoxam Technical. Transmittal of 1 Study. |
| 49120100 | Syngenta Crop Protection, LLC (2013) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of Helix Vibrance. Transmittal of 13 Studies. |
| 49120200 | Syngenta Crop Protection, LLC (2013) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of Vibrance CMaxx. Transmittal of 13 Studies. |
| 49120203 | Hipps, A. (2013) Thiamethoxam/Difenoconazole/Metalaxyl-M (Mefenoxam)/Fludioxonil/Sedaxan: A20307A - MIII, Section 2: Analytical Methods: Product Chemistry. Project Number: TK0067821/OCR, PC/13/055. Unpublished study prepared by Syngenta Crop Protection, LLC. 8p. |
| 49158900 | Syngenta Crop Protection, LLC (2013) Submission of Efficacy and Residue Data in Support of the Registration Review of Thiamethoxam. Transmittal of 21 Studies. |
| 49158901 | Sagan, K. (2013) Thiamethoxam: Two Field Trials to Determine the Effects of HELIX Seed Treatment on Honeybees Foraging on Canola Flowers: Final Report Amendment 2. Project Number: CER03214/99, TK0180599. Unpublished study prepared by Syngenta Crop Protection Canada, Inc. 345p. |
| 49158902 | Hecht-Rost, S. (2010) Thiamethoxam: Thiamethoxam (CGA293343) - A Field Study with A9700B + A9638A Treated Maize Seed, Investigating Effects on Honeybees (Apis mellifera L.) over Four Years in Southern France: France Report. Project Number: 20061138/F3/BFEU, 2032756, TK0005515. Unpublished study prepared by Eurofins - GAB GmbH. 548p. |
| 49158903 | Hecht-Rosts, S. (2010) Thiamethoxam: Thiamethoxam (CGA293343) - A Field Study with A9700B + A9639A Treated Maize Seed, Investigating Effects on Honeybees (Apis mellifera L.) over Four Years in Lorraine (France). Project Number: 20061138/F2/BFEU, 2032755, TK0005516. Unpublished study prepared by Eurofins - GAB GmbH. 527p. |
| 49158904 | Bocksch, S. (2011) Thiamethoxam: Thiamethoxam WG (9584C) - A Semi-Field Study to Evaluate Effects on the Honeybee (Apis mellifera; Hymenoptera, Apidae) in Melon in Italy 2010: Final Report. Project Number: S10/02690, TK0029177. Unpublished study prepared by Eurofins - GAB GmbH. 143p. |
| 49158905 | Bocksch, S. (2011) Thiamethoxam: Thiamethoxam WG (A9584C) - A Field Study to Evaluate Effects on the Honeybee (Apis mellifera; Hymenoptera, Apidae) in Peach in Italy: Final Report. Project Number: S10/00375, TK0025676. Unpublished study prepared by Eurofins - GAB GmbH. 134p. |
| 49158906 | Sole, C. (2006) Thiamethoxam: Residue Study with Thiamethoxam (CGA 293343) in or on Sunflower in North of France. Project Number: 110/01 TK0180580. Unpublished study prepared by ADME Bioanalyses. 31p. |
| 49158907 | Hohl, J. (2001) Thiamethoxam: Determination of Analytes Thiamethoxam (CGA 293343) and CGA 322704 in Oil Seed Rape (Flowers), Honey, Honey Stomach Content and Pollen Collected in Study 00 10 48 016: Final Report. Project Number: 112/01, TK0180573. Unpublished study prepared by Syngenta Crop Protection, AG. 9p. |
| 49158908 | Hohl, J. (2001) Thiamethoxam: Determination of Analytes Thiamethoxam (CGA 293343) and CGA 322704 in Winter Rape (Leaves, Blossoms), Honey, Honey Stomach Content and Pollen Collected in Study 99393/01-BFEU: Final Report. Project Number: 102/01, TK0180572. Unpublished study prepared by Syngenta Crop Protection, AG. 9p. |
| 49158909 | Mair, P. (2000) Thiamethoxam: Determination of Analytes Thiamethoxam (CGA 293343) and CGA 322704 in Sun Flower (Heads), Honey and Pollen Collected in Study S99NCB1556VO46. Project Number: 102/00, TK0180571. Unpublished study prepared by Syngenta Crop Protection, AG. 9p. |
| 49158910 | Mair, P. (2000) Thiamethoxam: Determination of Analytes Thiamethoxam (CGA 293343) and CGA 322704 in Rape (Flowers, Honey, Pollen) and Bee Honey Stomach Collected in Study 99125/01-BFEU: Final Report. Project Number: 103/99, TK0180570. Unpublished study prepared by Syngenta Crop Protection, AG. 12p. |
| 49158911 | Hecht-Rost, S. (2009) Thiamethoxam: Thiamethoxam (CGA293343) - A Field Study with A9700B + A9638A Treated Maize Seed, Investigating Effects on Honeybees (Apis mellifera L.) over Four Years in Southern France: 3rd Interim Report. Project Number: 20061138/F3/BFEU, 2032756, TK0180415. Unpublished study prepared by Eurofins - GAB GmbH. 261p. |
| 49158912 | Hecht-Rost, S. (2009) Thiamethoxam: Thiamethoxam (CGA293343) - A Field Study with A9700B + A9638A Treated Maize Seed, Investigating Effects on Honeybees (Apis mellifera L.) Over Four Years in Lorraine (France). Project Number: 20061138/F2/BFEU, 2032755, TK0180413. Unpublished study prepared by Eurofins - GAB GmbH. 257p. |
| 49158913 | Hecht-Rost, S. (2009) Thiamethoxam: Thiamethoxam - Thiamethoxam (CGA293343) - A Field Study with A9700B Treated Maize Seed, Investigating Effects on Honeybees (Apis mellifera L.) Over Four Years in Alsace (France): 3rd Interim Report. Project Number: 20061138/F1/BFEU, 2032754, TK0180412. Unpublished study prepared by Eurofins - GAB GmbH. 253p. |
| 49158914 | Hecht-Rost, S. (2007) Thiamethoxam: Thiamethoxam (CGA 293343) and its Metabolite (CGA322704) - A Residue Study with A10590C Treated Maize Seed, Investigating Residues in Crop, Soil and Honeybee Products in Southern France: Final Report. Project Number: 20061138/F1/BFEU, 2032754, TK0180412. 154p. |
| 49158915 | Hargreaves, N. (2007) Thiamethoxam: Thiamethoxam (CGA293343) and its Metabolite (CGA322704) - A Residue Study with A10590C Treated Maize Seed, Investigating Residues in Crop, Soil and Honeybee Products in Northern France. Project Number: T003256/05/REG, TK0180410. Unpublished study prepared by Syngenta Jealotts Hill International Research Centre. 127p. |
| 49158916 | Hecht-Rost, S. (2007) Thiamethoxam: Thiamethoxam (CGA293343) and its Metabolite (CGA322704) - A Residue Study with A10590C Treated Maize Seed, Investigating Residues in Crop, Soil and Honeybee Products in Alsace, France: Final Report. Project Number: 20051149/F1/BZEU, 2032748, TK0180389. Unpublished study prepared by Eurofins - GAB GmbH. 149p. |
| 49158917 | Hecht-Rost, S. (2007) Thiamethoxam: Thiamethoxam (CGA293343) and its Metabolite (CGA322704) - A Residue Study with A9807C Treated Winter Oil-Seed Rape Seed, Investigating Residues in Crop and Honeybee Products in Southern France: Final Report. Project Number: 20051041/F3/BZEU, 2032747, TK0180385. Unpublished study prepared by Eurofins - GAB GmbH. 126p. |
| 49158918 | Hecht-Rost, S. (2007) Thiamethoxam: Thiamethoxam (CGA293343) and its Metabolite (CGA322704) - A Residue with A9807C Treated Winter Oil-Seed, Investigating Residues in Crop and Honeybee Products in Northern France: Final Reports. Project Number: 20051041/F2/BZEU, 2032746, TK0180382. Unpublished study prepared by Eurofins - GAB GmbH. 152p. |
| 49158919 | Hecht-Rost, S. (2007) Thiamethoxam: Thiamethoxam (CGA293343) and its Metabolite (CGA322704) - A Residue Study with A9807C Treated Winter Oil-Seed Rape Seed, Investigating Residues in Crop and Honeybee Products in Alsace (France): Final Report. Project Number: 20051041/F1/BZEU, 2032745, TK0180378. Unpublished study prepared by Eurofins - GAB GmbH. 152p. |
| 49158920 | Knabe, S. (2010) Thiamethoxam: Thiamethoxam (CGA293343) - A Semi-Field Study with A9700B + A9638A Treated Maize Seed, Followed By Untreated Flowering Crop(s), Investigating Residues in Crop(s), Soil and Honeybee Products in Alsace (France), in 2009: Final Report. Project Number: S08/01279, TK0005524. Unpublished study prepared by Eurofins - GAB GmbH. 184p. |
| 49158921 | Crook, S.; Chen, L. (2012) Thiamethoxam: Thiamethoxam - Residue Analytical Method (GRM009.08A) for the Determination of Residues of Thiamethoxam in Samples from Dust Deposition Trials: Analytical Method. Project Number: GRM009/08A, TK0022198. Unpublished study prepared by Syngenta Jealotts Hill International Research Centre. 125p. |
| 49163400 | U.S. Environmental Protection Agency (2013) Submission of Toxicity Data in Support of Risk Assessment. Transmittal of 1 Study. |
| 49163401 | Tapparo, A.; Giorio, C.; Solda, L.; et al. (2012) UHPLC-DAD Method for the Determination of Neonicotinoid Insecticides in Single Bees and its Relevance in Honeybee Colony Loss Investigations. Analytical and Bioanalytical Chemistry 405: 1007-1014. |
| 49165800 | Syngenta Crop Protection, LLC (2013) Submission of Product Chemistry Data in Support of the Registration of Solvigo Miticide and Epi-Mek SCL. Transmittal of 2 Studies. |
| 49178800 | Syngenta Crop Protection, LLC. (2013) Submission of Residue Data in Support of the Amended Registration of Thiamethoxam Technical. Transmittal of 9 of 10 Studies. |
| 49179300 | Syngenta Crop Protection, LLC (2013) Submission of Product Chemistry Data in Support of the Registration of Adage Premier. Transmittal of 1 Study. |
| 49179400 | Syngenta Crop Production, LLC (2013) Submission of Product Chemistry Data in Support of the Registration of Adage Deluxe. Transmittal of 1 Study. |
| 49208500 | Valent U.S.A. Corporation (2013) Submission of Pesticide Use Data in Support of Risk Assessment. Transmittal of 1 Study. |
| 49208501 | Tamichi, E. (2013) Neonicotinoid Translocation Data. Project Number: VP/38487. Unpublished study prepared by Valent U.S.A Corporation. 101p. |
| 49210200 | Syngenta Crop Protection, LLC (2013) Submission of Residue Data in Support of the Registration of Thiamethoxam Technical. Transmittal of 8 Studies. |
| 49210201 | Fischer, W.; Artico, M. (1997) Thiamethoxam: Uptake, Distribution and Metabolism of CGA293343 in Cucumber Plants Following Different Soil Application Methods: Final Report. Project Number: 95A97091WF, TK0215873. Unpublished study prepared by Novartis Crop Protection, AG. 22p. |
| 49210202 | Fischer, W.;Artico, M. (1997) Thiamethoxam: Uptake, Distribution and Metabolism of CGA293343 in Tomato Plants Following Different Soil Application Methods: Final Report. Project Number: 95A97090WF, TK0215870. Unpublished study prepared by Novartis Crop Protection, AG. 20p. |
| 49210203 | Fischer, W.;Jemetta, V. (2000) Thiamethoxam: Uptake and Metabolism of Thiamethoxam in Cotton, Tomato, and Cucumber Following Drench Application: Final Report. Project Number: TK0215859. Unpublished study prepared by Novartis Crop Protection, AG. 4p. |
| 49210204 | Fischer, W.;Jemetta, V. (2000) Thiamethoxam: Uptake and Metabolism of Actara 25 WG in Cotton Following Foliar Application: Final Report. Project Number: TK0215859. Unpublished study prepared by Novartis Crop Protection, AG. 14p. |
| 49210205 | Ficher, W.;Jemetta, V. (2000) Thiamethoxam: Uptake, Metabolism and Distribution of Crusier 70 WS in Cotton Following Seed Treatment under Normal Humid Soil Conditions: Final Report. Project Number: TK0215858. Unpublished study prepared by Novartis Crop Protection, AG. 17p. |
| 49210206 | Fishcer, W.;Artico, M. (1998) Thiamethoxam: Uptake and Distribution of CGA293343 Following Seed Treatment in Summer-Rape (Brassica campestris) Under Outdoor Conditions: Final Report. Project Number: 95A98058WF, TK0215856. Unpublished study prepared by Novartis Crop Protection, AG. 9p. |
| 49210207 | Fischer, W.; Artico, M. (1998) Thiamethoxam: Uptake and Distribution of CGA293343 Following Seed Treatment in Winter-Rape (Brassica napus) Under Outdoor Conditions: Final Report. Project Number: 95A98053WF, TK0215855. Unpublished study prepared by Novartis Crop Protection, AG. 6p. |
| 49210208 | Fischer, W.;Artico, M. (1997) Thiamethoxam: Uptake, Metabolisation and Translocation of CGA293343 in Rape Following Seed Treatment: Final Report. Project Number: 95A97057WF, TK0215823. Unpublished study prepared by Novartis Crop Protection, AG. 51p. |
| 49210900 | Syngenta Crop Protection, LLC (2013) Submission of Residue Data in Support of the Registration Review of Thiamethoxam. Transmittal of 1 Study. |
| 49210901 | Grant, J. (2013) Thiamethoxam (A9765N) - Magnitude of the Residues in Whole Flowers, Leaves, and Reproductive Organ Tissues (Structures) of Soybean from Plants Grown from Cruiser 5FS-Treated Seed: Final Report. Project Number: 68697, TK0101341. Unpublished study prepared by ABC Laboratories, Inc. and Syngenta Crop Protection, LLC. 136p. |
| 49252400 | Syngenta Crop Protection, LLC (2013) Submission of Residue Data in Support of the Amended Registration of Thiamethoxam Technical. Transmittal of 1 of 10 Studies. |
| 49269100 | Syngenta Crop Protection, LLC (2013) Submission of Product Chemistry Data in Support of the Amended Registration of Difenoconazole/Thiamethoxam/Lambda Cyhlothrin ME RTU. Transmittal of 1 Study. |
| 49282700 | Syngenta Crop Protection, LLC. (2014) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of Avicta Duo COT202 (Abamectin and Thiamethoxam). Transmittal of 4 Studies. |
| 49283000 | Syngenta Crop Protection, LLC (2014) Submission of Product Chemistry, Residue, Toxicity, and Exposure/Risk Data in Support of the Application for Registration of CruiserMaxx Vibrance Potato. Transmittal of 14 Studies. |
| 49283015 | Hipps, A. (2014) Thiamethoxam/Fludioxonil/Difenoconazole/Sedaxane: A20588A - MIII Section 2: Analytical Methods: Product Chemistry Volume. Project Number: TK0193878, PC/14/004. Unpublished study prepared by Syngenta Crop Protection, LLC. 8p. |
| 49291000 | U.S. Environmental Protection Agency (2014) Submission of Toxicity Data in Support of the Registration Review of Thiamethoxam. Transmittal of 1 Study. |
| 49291001 | Overmyer, J.; Huang, Z. (2012) Thiamethoxam - Acute Toxicity to Larval Honey Bees (Apis mellifera): Final Report. Project Number: TK0029906. Unpublished study prepared by Syngenta Crop Protection, LLC. 28p. |
| 49293100 | Syngenta Crop Protection, LLC. (2013) Submission of Product Chemistry Data in Support of the Amended Registration of Thiamethoxam Technical. Transmittal of 1 Study. |
| 49326100 | Syngenta Crop Protection, LLC (2014) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of Quindigo. Transmittal of 8 Studies. |
| 49346600 | Syngenta Crop Protection, LLC (2014) Submission of Residue and Toxicity Data in Support of the Registration Review of Thiamethoxam. Transmittal of 7 Studies. |
| 49346601 | Yamamoto, C. (2014) Thiamethoxam (A9584C + A13623B / A9549C + A13623B) - Investigation of the Magnitude of Residues of Thiamethoxam (CGA293343) and Metabolite (CGA322704) in Nectar and Pollen of Citrus Flowers, Brazil, 2011-2012: Final Report. Project Number: S00158, TK0223306. Unpublished study prepared by Syngenta Protecao de Cultivos Ltda. 435p. |
| 49346602 | Huange, Z.; Overmyer, J. (2012) Thiamethoxam - Acute Toxicity to Larval Honey Bees (Apis mellifera): Final Report. Project Number: TK0029906, TK0029904. Unpublished study prepared by Syngenta Crop Protection, LLC. 28p. |
| 49346604 | Bergfield, A. (2014) Thiamethoxam 25 WG - Toxicity of Residues on Foliage to Honey Bees, Apis mellifera: Final Report. Project Number: 80358, TK0185033, 10535067/DOC. Unpublished study prepared by ABC Laboratories, Inc. 65p. |
| 49346605 | Staggs, M. (2014) Thiamethoxam - 96-Hour Toxicity Test with the Cyanobacterium, Anabaena flos-aquae: Final Report. Project Number: 1781/6956, TK0185203, 10519235/DOC. Unpublished study prepared by Smithers Viscient Laboratories. 60p. |
| 49346606 | Staggs, M. (2014) Thiamethoxam - 96-Hour Toxicity Test with the Freshwater Diatom, Navicula pelliculosa: Final Report. Project Number: 1781/6957, TK0185201. Unpublished study prepared by Smithers Viscient Laboratories. 59p. |
| 49346607 | Staggs, M. (2014) Thiamethoxam - 96-Hour Toxicity Test with the Marine Diatom, Skeletonema costatum: Final Report. Project Number: 1781/6958, TK0185202, 10519235/DOC. Unpublished study prepared by Smithers Viscient Laboratories. 58p. |
| 49383300 | Syngenta Crop Protection, LLC (2014) Submission of Environmental Fate Data in Support of the Petition for Tolerance of Thiamethoxam for Use on Rice. Transmittal of 1 Study. |
| 49383900 | Syngenta Crop Protection, LLC (2014) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of THX/MXM/FLD/TBZ/SDX FS. Transmittal of 8 Studies. |
| 49421400 | Syngenta Crop Protection, LLC (2014) Submission of Exposure and Risk Data in Support of the Application for Registration of Avicta 500FS and Avicta Duo Cotton. Transmittal of 2 Studies. |
| 49421401 | Burbach, M. (2014) Abamectin: Avicta 500FS (A14006G)- Dust-Off Measurements of Soybean Treated with Avicta 500FS Seed Treatment: Final Report. Project Number: SYNSC/TA/12/005, TK0231773. Unpublished study prepared by Syngenta Seeds, Inc. 32p. |
| 49435000 | Syngenta Crop Protection, LLC (2014) Submission of Exposure and Risk Data in Support of the Registration Review for Thiamethoxam. Transmittal of 4 Studies. |
| 49435001 | Barth, M. (2001) Thiamethoxam: Field Test: Effects of Oil-Seed Spring-Rape Grown from Seeds Dressed with CGA293343 WS 70 (A95667B) on the Honey Bee (Apis mellifera L.).: Final Report Project Number: 99125/01/BFEU, 991559, TK02413090. Unpublished study prepared by Arbeitsgemeinschaft GAB Biotechnologie. 59p. |
| 49435002 | Schur, A. (2001) Thiamethoxam: Field Test - Effects of Oil-Seed Winter-Rape Grown from Seeds Dressed with Cruiser OSR (A9807C) on the Honey Bee (Apis mellifera L.): Final Report. Project Number: 99393/01/BFEU, 991568, TK0241389. Unpublished study prepared by Arbeitsgemeinschaft GAB Biotechnologie. 80p. |
| 49435003 | Hecht-Rost, S. (2010) Thiamethoxam: (CGA293343): A Field Study with A9700B + A9638A Treated Maize Seed, Investigating Effects on Honeybees (Apis mellifera L.) over Four Years in Alsace (France): Final Report. Project Number: 20061138/FI/BFEU, TK0005512. Unpublished study prepared by Eurofins - GAB GmbH. 558p. |
| 49435004 | Barth, M. (2001) Thiamethoxam: Assessment of Side Effects of CGA293343 + CGA329351 + CGA173506 FS 321.3 (A9807C) Applied as Seed Dressing of Brassica napus on the Honeybee Apis mellifera L.: Final Report. Project Number: 00/10/48/016, 2003626, TK0241388. Unpublished study prepared by Biochem Agrar, Labor fuer Biologische und Chemische. 59p. |
| 49470300 | Syngenta Crop Protection, LLC (2014) Submission of Product Chemistry Data in Support of the Amended Registration of CruiserMaxx Vibrance. Transmittal of 1 Study. |
| 49513600 | California Department of Pesticide Regulation (2015) Submission of Environmental Fate and Toxicity Data in Support of the Registration of Thiamethoxam. Transmittal of 1 Study. |
| 49513601 | Giffard, H. (2009) Assessment of the Effects of Thiamethoxam on Honeybee Brood (Apis mellifera) under Laboratory Conditions. Project Number: 105/2007. Unpublished study prepared by Testapi. 112p. |
| 49523500 | Syngenta Crop Protection, LLC (2014) Submission of Product Chemistry Data in Support of the Registration of Helix Vibrance. Transmittal of 1 Study. |
| 49524300 | Syngenta Crop Protection, LLC (2015) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of CruiserMaxx(R) Vibrance(R) Pulses. Transmittal of 14 Studies. |
| 49524314 | Hipps, A. (2015) Thiamethoxam/Metalaxyl-M and S-isomer (Mefenoxam)/Fludioxonil/Thiabendazole/Sedaxane: A21174B - MIII, Section 2: Analytical Methods - Product Chemistry Volume. Project Number: TK0149603, PC/15/002, SF/736/1. Unpublished study prepared by Syngenta Crop Protection, LLC. 10p. |
| 49524400 | Syngenta Crop Protection, LLC (2015) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of A21185B. Transmittal of 8 Studies. |
| 49536800 | Mitsui Chemicals Agro, Inc. (2014) Submission of General Pesticide Use Data in Support of the Registration of Clothianidin, Dinotefuran, Imidacloprid, and Thiamethoxam. Transmittal of 1 Study. |
| 49536801 | Yue, C.; Hurley, T.; Nowak, P.; et al. (2014) The Value of Neonicotinoids in Turf and Ornamentals. Project Number: VP/38797. Unpublished study prepared by AgInfomatics, LLC. 115p. |
| 49550800 | Syngenta Crop Protection, LLC (2015) Submission of Residue Data in Support of the Risk Assessment of Thiamethoxam. Transmittal of 1 Study. |
| 49550801 | Hampton, R. (2013) Thiamethoxam 75 SG (A9549C) - Maginitude of the Residues in Leaves, Flowers, Pollen, and Nectar of Cucumbers, Representative Commodity of Cucurbit Vegetables, EPA Crop Group 9, in California: Final Report. Project Number: TK0024668, ABC/68809. Unpublished study prepared by Syngenta Crop Protection, LLC, Eurofins Agroscience Services, Inc. and ABC Laboratories, Inc. 67p. |
| 49557400 | Syngenta Crop Protection, LLC (2015) Submission of Efficacy Data in Support of the Amended Registration of Derby. Transmittal of 1 Study. |
| 49589500 | Syngenta Crop Protection, LLC (2015) Submission of Environmental Fate, Residue and Toxicity Data in Support of the Registration Review of Thiamethoxam. Transmittal of 12 Studies. |
| 49589501 | Wilkins, S. (2014) Thiamethoxam - Effects on Bumble Bee Colonies Foraging on Treated Oilseed Rape: Final Report. Project Number: W5ZT3002, TK0136490, W5ZT3001. Unpublished study prepared by The Food and Environmental Research Agency. 70p. |
| 49589502 | Knaebe, S. (2015) Thiamethoxam: Investigating the Use of Deflectors and Polyethylene Wax Lubricant in Mitigating Dust Release from Pneumatic Planting Equipment During Corn Planting in Noth: Final Report. Project Number: S13/02521, TK0177857. Unpublished study prepared by Eurofins Agroscience Services EcoChem Gmbh. 455p. |
| 49650100 | Syngenta Crop Protection LLC (2015) Submission of Residue Data in Support of the Petition for Tolerance of Thiamethoxam in or on Bananas. Transmittal of 1 Study. |
| 49667100 | Syngenta Crop Protection, LLC (2015) Submission of Environmental Fate Data in Support of the Registration of Thiamethoxam Technical. Transmittal of 1 Study. |
| 49686800 | Syngenta Crop Protection LLC (2015) Submission of Residue Data in Support of Registration Review of Thiamethoxam. Transmittal of 1 Study. |
| 49686801 | Rice, F.; Jacobson, B.; Grant, J. (2015) Thiamethoxam: Thiamethoxam 40 WG (A11963C) and 5FS (A9765N) - Magnitude of Residues in Leaves, Flowers, Pollen, Nectar and Extra Floral Nectar of Cotton Plants After Foliar Application with Centric(R) 40WG in California or After Application as a Seed Treatment with Cruiser(R) 5FS: Final Report. Project Number: TK0177223, 796/84, ABC/80013. Unpublished study prepared by Syngenta Crop Protection, LLC, Waterborne Environmental, Inc. (WEI) and ABC Laboratories, Inc. 447p. |
| 49712200 | Syngenta Crop Protection, LLC (2015) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of A20903A. Transmittal of 11 Studies. |
| 49713100 | Syngenta Crop Protection, LLC (2016) Submission of Product Chemistry Data in Support of the Application for Registration of Clariva(R) Complete Beans 500. Transmittal of 16 Studies. |
| 49719600 | US Environmental Protection Agency (2015) Submission of Toxicity and Residue Data in Support of the Risk Assessment of Imidacloprid. Transmittal of 34 Studies. |
| 49719612 | Dively, G.; Kamel, A. (2012) Insecticide Residues in Pollen and Nectar of a Cucurbit Crop and Their Potential Exposure to Pollinators. J. Agric. Food Chem. 2012, 60, 4449¿4456. |
| 49719616 | Stoner, K.; Eitzer, B. (2012) Movement of Soil-Applied Imidacloprid and Thiamethoxam into Nectar and Pollen of Squash (Cucurbita pepo). PLOS ONE (7)6: 1-5. |
| 49719620 | Laurino, D.; Manino, A.; Patetta, A.; et al. (2013) Toxicity of neonicotinoid insecticides on different honey bee genotypes. Bulletin of Insectology 66 (1): 119-126. |
| 49719628 | Sandrock, C.; Tanadini, M.; Tanadini, L.; et al. (2014) Impact of Chronic Neonicotinoid Exposure on Honeybee Colony Performance and Queen Supersedure. PLOS ONE 8(9): 1-13. |
| 49719632 | Thompson, H.; Wilkins, S.; Walters, K. (2014) Neonicotinoids and bumble bees (Bombus terrestris): Effects on nectar consumption in individual workers. Pest Manag Sci (2014): 1-6. |
| 49750600 | Environmental Protection Agency (2015) Submission of Toxicity Data in Support of Risk Assessment. Transmittal of 8 Studies. |
| 49750602 | Chandramani, P.; Rani, B.; Muthiah, C.; et al. (2008) Evaluation of Toxicity of Certain Insecticides to Indian Honeybee, Apis cerana indica. Pestology 32(8): 42-43. |
| 49750603 | Jeyalakshmi, T.; Shanmugasundaram, R.; Saravanan, M.; et al. (2011) Comparative Toxicity of Certain Insecticides Against Apis cerana indica Under Semi Field and Laboratory Conditions. Pestology 35(12): 23-26. |
| 49750605 | Singh, N.; Karnatak, A. (2005) Relative toxicity of some insecticides to the workers of Apis mellifera L. Shashpa, 12(1): 23-25. |
| 49750606 | Thompson, H.; Fryday, S.; Harkin, S.; et al. (2014) Potential impacts of synergism in honeybees (Apis mellifera) of exposure to neonicotinoids and sprayed fungicides in crops. Apidologie (2014) 45:545¿553. |
| 49755700 | Syngenta Crop Protection, Inc. (2015) Submission of Toxicity and Residue Data in Support of the Registration Review of Thiamethoxam. Transmittal of 2 Studies. |
| 49757200 | Syngenta Crop Protection, LLC (2015) Submission of Environmental Fate and Toxicity Data in Support of Registration Review of Thiamethoxam Technical. Transmittal of 1 Study. |
| 49757201 | Bocksch, S. (2015) Honey Bee Brood and Colony Level Effects Following Thiamethoxam (Technical) Intake via Treated Sucrose Solution in a Field Study in North Carolina. Unpublished study prepared by Eurofins AgroScience Services EcoChem GmbH. 468p. |
| 49804100 | Syngenta Crop Protection, LLC. (2015) Submission of Residue Data in Support of the Registration Review of Thiamethoxam. Transmittal of 5 Studies. |
| 49804101 | Howerton, H. (2015) Thiamethoxam- 25WG (A9584C)- Magnitude of Residues in Pollen, Flowers, and Leaves of Tomato After Foliar Application: Final Report. Project Number: TK0222531, 069SRLS14C01. Unpublished study prepared by SynTech Research Laboratory Services, LLC. 231p. |
| 49804102 | Louque, R. (2015) Thiamethoxam 25WG (A9584C)- Magnitude of Residues in or on Pollen, Nectar, Flowers, and Leaves of Cranberry After Foliar Application: Final Report. Project Number: TK0236307, 1781/4138, 1781/7079. Unpublished study prepared by Smithers Viscient Laboratories and Smithers Viscient. 214p. |
| 49804103 | Howerton, H. (2015) Thiamethozam 75SG (A9549C)- Magnitude of Residues in Pollen, Flowers, and Leaves of Pepper After Soil Application: Final Report. Project Number: TK0236306, 069SRLS14C02. Unpublished study prepared by SynTech Research Laboratory Services, LLC. 238p. |
| 49804104 | Lange, B.; Rice, F. (2015) Thiamethoxam 5FS (A9765N)- Magnitude of Residues in Leaves, Flowers, Anthers, Pollen, and Nectar of Soybean Plants Grown From Treated Seed: Final Report. Project Number: TK0222529, LR14058, 140569. Unpublished study prepared by Golden Pacific Laboratories, LLC (GPL), SGS North America, Inc., and Lange Research and Consulting, Inc. 216p. |
| 49804105 | Lange, B. (2015) Thiamethoxam 25WG (A9584C)- Magnitude of Residues in or on Leaves, Flowers, Pollen, and Nectar of Cucumber After Foliar Application: Final Report. Project Number: TK0222532, LR14059, 100052344. Unpublished study prepared by Smithers Viscient and Smithers Viscient Laboratories. 157p. |
| 49811900 | Syngenta Crop Protection, LLC., Bayer CropScience LP and Valent U.S.A. Corporation (2016) Submission of Efficacy Data in Support of the Registration Review of Clothianidin, Imidacloprid and Thiamethoxam. Transmittal of 1 Study. |
| 49811901 | Abbott, J.; Carey, N. (2016) Economics of Managing the Soybean Aphid. Project Number: TK0288513. Unpublished study prepared by University of Wisconsin - Madison. 92p. |
| 49814900 | U.S. EPA (2016) Submission of Toxicity Data in Support of Risk Assessment. Transmittal of 9 Studies. |
| 49814902 | Laurino, D.; Manino, A.; Patetta, A.; et al. (2010) Acute Oral Toxicity of Neonicotinoids on Different Honey Bee Strains. Redia (93)2010: 99-102. |
| 49814904 | Chandramani, P.; Rani, B.; Muthiah, C.; et al. (2008) Evaluation of Toxicity of Certain Insecticides to Indian Honeybee, Apis cerana indica F. Pestology 8(32): 42-43. |
| 49814905 | Jeyalakshmi, T.; Shanmugasundaram, R.; Saravanan, M.; et al. (2011) Comparative Toxicity of Certain Insecticides Against Apis cerana indica Under Semi Field and Laboratory Conditions. Pestology 35(12): 23-26. |
| 49814906 | Khan, R.; Dethe, M. (2004) Median Lethal Time of New Pesticides to Foragers of Honey Bees. Pestology 38(1): 28-29. |
| 49814907 | Singh, N.; Karnatak, A. (2005) Relative toxicity of some insecticides to the workers of Apis mellifera L.. 3p. |
| 49819500 | Syngenta Crop Protection, LLC. (2016) Submission of Residue Data in Support of the Registration Review of Thiamethoxam. Transmittal of 2 Studies. |
| 49819501 | Rice, F.; Lange, B. (2015) Thiamethoxam 25 WG (A9584C): Magnitude of the Residues in Pollen, Nectar, Flowers, and Leaves of Stone Fruit After Foliar Application with Actara 25WG in California; Final Report. Project Number: TK0177222, S13/02218, 069SRLS15R01. Unpublished study prepared by Syngenta Crop Protection, Eurofins Lancaster Laboratories and SynTech Research Laboratory Services, LLC. 644p. |
| 49819502 | Sagan, K. (2015) Thiamethoxam SC (A9795B) and Thiamethoxam/Difenoconazole/Metalaxyl-M/Fludioxonil SU (A11642D): Residue Levels in or on Canola (Pollen and Nectar) from Trials Conducted in Canada During 2013 and 2014. Project Number: TK0116695, 05/S508, 127/97. Unpublished study prepared by Syngenta Canada, Inc., University of Guelph, ALS Environmental. 262p. |
| 49829900 | Syngenta Crop Protection, LLC (2016) Submission of Environmental Fate Data in Support of the Registration Review of Thiamethoxam. Transmittal of 2 Studies. |
| 49881000 | Syngenta Crop Protection, LLC (2016) Submission of Residue Data in Support of the Registration Review of Thiamethoxam. Transmittal of 2 Studies. |
| 49881001 | Rice, F.; Lange, B. (2016) Thiamethoxam 75 SG (A9549C) - Magnitude of the Residues in Leaves, Flowers, Anthers, Pollen, and Nectar of Orange, EPA Crop Group 10, in California: Final Report. Project Number: TK0124743, S13/00133, 069SRLS15R02. Unpublished study prepared by Syngenta Crop Protection, LLC, SynTech Research Laboratory Services, LLC and Eurofins Agroscience Services, Inc. 486p. |
| 49881002 | Rice, F.; Lange, B. (2016) Thiamethoxam 75 SG (A9549C) - Magnitude of the Residues in Leaves, Flowers, Anthers, Pollen, and Nectar of Orange, EPA Crop Group 10, in Florida: Final Report. Project Number: TK014745, S13/00132, 069SRLS15R03. Unpublished study prepared by Syngenta Crop Protection, LLC, SynTech Research Laboratory Services, LLC and Eurofins Agroscience Services, Inc. 819p. |
| 49950100 | Syngenta Crop Protection, LLC. (2016) Submission of Toxicity and Fate Data in Support of the Registration Review of Thiamethoxam. Transmittal of 25 Studies. |
| 49950102 | Nengel, S. (1997) CGA322704 (Metabolite of Thiamethoxam): Assessment of Side Effects of CGA322704 to the Honey Bee, Apis mellifera L. in the Laboratory Following the EPPO Guideline No.170: Final Report. Project Number: 97071/01/BLEU, 972512, TK0311918. Unpublished study prepared by Arbeitgemeinschaft, GAB Biotechnologie GmbH & IFU Umweltanalytik GmbH. 30p. |
| 49973700 | Syngenta Crop Protection, LLC (2016) Submission of Residue Data in Support of the Registration Review of Thiamethoxam. Transmittal of 1 Study. |
| 49973701 | Howerton, H. (2016) Thiamethoxam 25WG (A9584C) - Magnitude of Residues in Pollen, Flowers, and Leaves of Tomato After Foliar Application (Addendum to MRID 49804101): Final Report Amendment 1. Project Number: TK0222531, 069SRLS14C01, 504/96. Unpublished study prepared by SynTech Research Laboratory Services, LLC. 231p. |
| 49980400 | Syngenta Crop Protection, LLC (2016) Submission of Efficacy Data in Support of the Application for Registration of A15452 Termiticide. Transmittal of 1 Study. |
| 49980500 | Syngenta Crop Protection, LLC (2016) Submission of Product Chemistry Data in Support of the Application for Registration of Clariva Elite Beans. Transmittal of 10 Studies. |
| 49980510 | Phelps, L. (2016) Pasteuria nishizawae, Pn1/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane: A21988B - Document MIII Section 2: Product Chemistry Volume. Project Number: TK0287649, PC/16/093, USGR160148. Unpublished study prepared by Syngenta Crop Protection, LLC. 11p. |
| 49984000 | FMC Corporation (2016) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of F4189-1. Transmittal of 7 Studies. |
| 50023200 | Syngenta Crop Protection, LLC. (2016) Submission of Residue Data in Support of the Registration Review of Thiamethoxam. Transmittal of 1 Study. |
| 50023201 | Willard, T. (2012) Thiamethoxam: Magnitude of the Residues in Leaves and Flowers from Tomato in California: Final Report. Project Number: TK0025811. Unpublished study prepared by Syngenta Crop Protection, LLC. 46p. |
| 50084900 | Syngenta Crop Protection, LLC (2016) Submission of Toxicity Data in Support of the Registration Review of Thiamethoxam. Transmittal of 1 Study. |
| 50084901 | Kling, A. (2016) Thiamethoxam - Assessment of Effects on the Adult Honey Bee, Apis mellifera L., in a 10 Day Chronic Feeding Test Under Laboratory Conditions: Final Report. Project Number: S16/00325, TK0208928. Unpublished study prepared by Eurofins Agroscience Services EcoChem GmbH. 84p. |
| 50096600 | Syngenta Crop Protection, LLC (2016) Submission of Residue and Toxicity Data in Support of the Registration Review of Thiamethoxam. Transmittal of 7 Studies. |
| 50096601 | Lange, B.; Rice, F. (2016) Thiamethoxam 75 SG (A95449C) - Magnitude of the Residues in Leaves, Flowers, Anthers, Pollen, and Nectar of Orange, EPA Crop Group 10, in California: Final Report Amendment 1. Project Number: TK0124743, S13/00133, 069SRLS15R02. Unpublished study prepared by Syngenta Crop Protection, LLC, Eurofins Lancaster Laboratories and SynTech Research Laboratory Services, LLC. 608p. |
| 50096602 | Jutte, T. (2016) Thiamethoxam/ Metalaxyl-M/ Fludioxonil FS (A9807F) - A Field Study to Evaluate Side Effects on Red Mason Bees (Osmia bicornis L.) in Winter Oil Seed Rape in Germany (Celle): Final Report. Project Number: S15/01804, TK0258329, S14/04717. Unpublished study prepared by Eurofins Agroscience Services EcoChem GmbH. 268p. |
| 50096603 | Rice, F.; Lange, B. (2016) Thiamethoxam 75 SG (A9549C) - Magnitude of the Residues in Leaves, Flowers, Anthers, Pollen, and Nectar of Orange, EPA Crop Group 10, in Florida: Final Report Amendment 1. Project Number: TK0124745, S13/00132, 069SRLS15R03. Unpublished study prepared by SynTech Research Laboratory Services, LLC, Eurofins Lancaster Laboratories and Syngenta Crop Protection, LLC. 946p. |
| 50096604 | Klein, O. (2016) Thiamethoxam/ Metalaxyl-M/ Fludioxonil FS (A9807F) - A Field Study to Evaluate Side Effects on Red Mason Bees (Osmia bicornis L.) in Winter Oil Seed Rape in Germany (Tubingen): Final Report. Project Number: S15/01803, TK0258328, S14/04716. Unpublished study prepared by Eurofins Agroscience Services EcoChem GmbH. 274p. |
| 50096605 | Hamberger, A. (2016) Thiamethoxam/ Metalaxyl-M/ Fludioxonil FS (A9807F) - A Field Study to Evaluate Side Effects on Red Mason Bees (Osmia bicornis L.) in Winter Oil Seed Rape in Germany (Niefern): Final Report. Project Number: S15/01802, TK0258330, S14/04675. Unpublished study prepared by Eurofins Agroscience Services EcoChem GmbH. 254p. |
| 50096606 | Rice, F.; Lange, B. (2016) Thiamethoxam 25 WG (A9584C) - Magnitude of Residues in Pollen, Nectar, Flowers, and Leaves of Stone Fruit After Foliar Application with Actara(R) 25WG in California: Final Report Amendment 1. Project Number: TK0177222, S13/02218, 069SRLS15R01. Unpublished study prepared by SynTech Research Laboratory Services, LLC, Eurofins Lancaster Laboratories and Syngenta Crop Protection, LLC. 665p. |
| 50096607 | Eckert, J. (2016) Thiamethoxam - Honey Bee (Apis mellifera L.) Larval Toxicity Test (Repeated Exposure Through to Adult Emergence): Final Report Amendment 1. Project Number: S16/00331, TK0288343, USGR141595. Unpublished study prepared by Eurofins Agroscience Services EcoChem GmbH. 94p. |
| 50102500 | Syngenta Crop Protection, LLC (2017) Submission of Efficacy Data in Support of the Amended Registration of Avicta(R) Duo. Transmittal of 1 Study. |
| 50102501 | Flanery, M. (2016) Thiabendazole: Efficacy Data Demonstrating Nematicidal Activity of Thiabendazole Used in Conjunction with Abamectin. Project Number: TK0294000, UAB001A4/2006US. Unpublished study prepared by Syngenta Crop Protection, LLC. 146p. |
| 50102800 | Syngenta Crop Protection, LLC (2017) Submission of Residue and Pesticide Use Data in Support of the Amended Registration and Petition for Tolerance of Thiamethoxam Technical. Transmittal of 5 Studies. |
| 50102801 | Koening, J. (2017) Rationale to Support Proposed New Uses of Thiamethoxam. Project Number: TK0327310. Unpublished study prepared by Syngenta Crop Protection, LLC. 9p. |
| 50102804 | Willard, T. (2013) Request for Thiamethoxam Tolerance Reduction in Potato. Project Number: TK0180336, 43/96, 625/99. Unpublished study prepared by Syngenta Crop Protection, LLC. 15p. |
| 50102900 | Syngenta Crop Protection, LLC (2017) Submission of Residue Data in Support of the Petition for Tolerance of Thiamethoxam. Transmittal of 1 Study. |
| 50120300 | US EPA (2016) Submission of Toxicity Data in Support of Risk Assessment. Transmittal of 3 Studies. |
| 50120301 | Van de Brink, P.; Van Smeden, J.; Bekele, R.; et al. (2015) Acute and Chronic Toxicity Of Neonicotinoids To Nymphs Of A Mayfly Species And Some Notes On Seasonal Differences. Environmental Toxicology and Chemistry, 35(1): 128¿133. |
| 50131100 | Syngenta Crop Protection, LLC. (2016) Submission of Toxicity and Fate Data in Support of the Registration Review of Thiamethoxam. Transmittal of 3 Studies. |
| 50131101 | Hommen, U. (2016) Thiamethoxam WG (A9584C) - Effects of Chronic Exposure on Mayflies in an Outdoor Mesocosm: Final Report. Project Number: SYN/042/7/52, TK0258443. Unpublished study prepared by Fraunhofer Institute for Molecular Biology & Applied Ecology. 260p. |
| 50131102 | Rice, F.; Lange, B. (2016) Thiamethoxam 75SG (A9549C) - Magnitude of Residues in Leaves, Flowers, Pollen, and Nectar of Citrus After Soil Application with Platinum 75 SG in California: Final Report. Project Number: TK0177221, S14/00132, 504/96. Unpublished study prepared by Eurofins Agroscience Services, Inc. and EPL Bio-Analytical Services (EPL-BAS). 337p. |
| 50153900 | US EPA (2017) Submission of Toxicity Data in Support of Risk Assessment. Transmittal of 2 Studies. |
| 50153901 | Sandrock, C.; Tanadini, M.; Tanadini, L.; et al. Impact of Chronic Neonicotinoid Exposure on Honeybee Colony Performance and Queen Supersedure. PLOS ONE (9)8: 1-14. |
| 50153902 | Williams, G.; Troxler, A.; Retschnig, G.; et al. (2015) Neonicotinoid pesticides severely affect honey bee queens. Scientific Reports: 1-8. |
| 50265300 | Syngenta Crop Protection, LLC (2017) Submission of Fate Data in Support of the Petition for Tolerance of Thiamethoxam. Transmittal of 1 Study. |
| 50265500 | Syngenta Crop Protection, LLC (2017) Submission of Residue Data in Support of the Registration Review of Thiamethoxam. Transmittal of 7 Studies. |
| 50265501 | Louque, R. (2017) Thiamethoxam 75SG (A9549C) - Determination of Residues in Leaves, Flowers, Pollen, and Nectar of Pumpkin, Summer Squash, and Muskmelons After Soil Application: Final Report. Project Number: TK0222530, 1781/4148. Unpublished study prepared by Smithers Viscient. 506p. |
| 50265502 | Trask, J. (2017) Thiamethoxam 25 WG (A9584C) - Magnitude of Residues in Pollen, Nectar, Flowers, and Leaves of Strawberry After Foliar Application with Actara 25WG in California. Project Number: TK0177224, 796/94, 069SRLS14R06. Unpublished study prepared by SynTech Research Laboratory Services, LLC. 346p. |
| 50265503 | Lange, B. (2017) Thiamethoxam (A18481A) - Determination of Residues in Leaves, Flowers, Anthers, Pollen, and Nectar of Soybean Plants After Foliar Application: Final Report. Project Number: TK0250070, LR16192, 160670. Unpublished study prepared by Golden Pacific Laboratories, LLC (GPL). 205p. |
| 50265504 | Mitchell, J. (2017) Thiamethoxam 25WG (A9584C) - Magnitude of Residues in Leaves, Flowers, Pollen, and Nectar of Apple After Foliar Application: Final Report. Project Number: TK0250071, 796/123, 100078149. Unpublished study prepared by Waterborne Environmental, Inc. (WEI) and Battelle. 175p. |
| 50265505 | Trask, J. (2017) Magnitude of Residues in Pollen and Leaves of Corn Plants After Application as a Seed Treatment with Cruiser 5S and After Foliar Application with Endigo ZC or Endigo ZCX: Final Report. Project Number: TK0258214, 796/110, 110G1111. Unpublished study prepared by Waterborne Environmental, Inc. (WEI). 318p. |
| 50265506 | Louque, R. (2017) Thiamethoxam 75SG (A9549C) - Determination of Residues in Leaves, Flowers, Pollen, and Nectar of Pumpkin After Foliar Application: Final Report. Project Number: TK0242074, 1781/4149. Unpublished study prepared by Smithers Viscient Laboratories. 368p. |
| 50265507 | Gilson, L. (2017) Thiamethoxam 75SG (A9549C) ¿ Determination of Residues in Pollen, Flowers, and Leaves of Tomato After Soil Application with Platinum 75SG: Final Report. Project Number: TK0242072, 069SRUS16C087. Unpublished study prepared by SynTech Research Laboratory Services, LLC. 344p. |
| 50266000 | Syngenta Crop Protection, LLC (2017) Submission of Environmental Fate Data in Support of the Registration Review of Thiamethoxam. Transmittal of 1 Study. |
| 50266001 | Mitchell, J. (2017) Thiamethoxam: Thiamethoxam 75SG (A9549C) - Determination of Residues in Leaves, Flowers, Pollen, and Nectar of Strawberry After Soil Application: Final Report. Project Number: TK0250068, 796/122, 16D0605. Unpublished study prepared by Waterborne Environmental, Inc. (WEI). 397p. |
| 50266500 | Syngenta Crop Protection, LLC (2017) Submission of Efficacy Data in Support of the Regsitration of A15452 Termiticide. Transmittal of 1 Study |
| 50281200 | Syngenta Crop Protection, LLC (2017) Submission of Fate, Environmental Fate and Toxicity Data in Support of the Registration Review of Thiamethoxam. Transmittal of 4 Studies. |
| 50281201 | Daniels, M. (2009) Thiamethoxam: Investigating the Translocation of Xenobiotics in Wheat (Triticum aestivum L.). University of Birmingham School of Biosciences p. 60-124. |
| 50281202 | Levey, C. (2014) Thiamethoxam: Development and Improvement of Methods for the Wildlife Incident Investigation Scheme 2013-2014: Final Report. Project Number: TK0352246, PS2556. Unpublished Study Prepared by Food and Environmental Research Agency (Fera). 14p. |
| 50281203 | Levey, C. (2014) Thiamethoxam: Interpretation of Pesticide Residues in Honey Bees: Final Report. Project Number: TK0352245, PMC3264871, PS2370. Unpublished Study Prepared by Food and Environmental Research Agency (Fera). 36p. |
| 50281204 | Nengel, S. (1998) Thiamethoxam: Semi-Field Test - Effects of CGA 293343 WG 25 (A-9584 C) on the Honey bee (Apis mellifera L.): Final Report. Project Number: 97086/01/BZEU, TK0336859, 972510. Unpublished Study Prepared by Arbeitsgemeinschaft GAB Biotechnologie. 71p. |
| 50344700 | U.S. Environmental Protection Agency (2017) Submission of Toxicity Data in Support of Risk Assessment. Transmittal of 1 Study. |
| 50344701 | Cavallaro, M; Morrissey, C.; Headley, J.; et al. (2016) Comparative Chronic Toxicity of Imidacloprid, Clothianidin, and Thiamethoxam to Chironomus dilutus and Estimation of Toxici Equivalency Factors. Environmental Toxicology and Chemistry 36(2): 372-382. |
| 50367900 | Syngenta Crop Protection, LLC (2017) Submission of Residue Data in Support of the Registration Review of Thiamethoxam. Transmittal of 2 Studies. |
| 50367901 | Rice, F.; Lange, B.; Salzman, F. (2017) Thiamethoxam: Thiamethoxam 25 WG (A9584C) - Magnitude of Residues in Pollen, Nectar, Flowers, and Leaves of Stone Fruit After Foliar Application with Actara(R) 25WG in California: Final Report. Project Number: TK0177222, S13/02218, 069SRLS15R01. Unpublished study prepared by Syngenta Crop Protection, LLC, SynTech Research Laboratory Services, LLC., and Eurofins Agroscience Services, Inc. 667p. |
| 50367902 | Oakes, T.; Mayer, T.; Rice, F.; et al. (2017) Thiamethoxam: Thiamethoxam 40 WG (A11963C) and Thiamethoxam FS (A9765N) - Magnitude of Residues in Leaves, Flowers, Pollen, Nectar and Extra Floral Nectar of Cotton Plants After Foliar Application with Centric(R) 40WG in California or After as a Seed Treatment with Cruiser(R) 5FS: Final Report. Project Number: TK0177223, 796/84, ABC/80013. Unpublished study prepared by Syngenta Crop Protection, LLC, Waterborne Environmental, Inc. (WEI), Analytical Bio -Chemistry Laboratories, Inc., and SGS GLP Laboratory. 513p. |
| 50424100 | Syngenta Crop Protection, LLC (2017) Submission of Toxicity and Product Chemistry Data in Support of the Application for Registration of A22353. Transmittal of 16 Studies. |
| 50424116 | Sparrow, K. (2017) A22353A - Document MIII Section 2: Product Chemistry Volume. Project Number: TK0236551, PC/17/062. Unpublished study prepared by Syngenta Crop Protection, LLC. 10p. |
| 50425900 | Syngenta Crop Protection, LLC (2017) Submission of Toxicity and Fate Data in Support of the Registration Review of Thiamethoxam. Transmittal of 4 Studies. |
| 50425901 | Lange, B. (2017) Thiamethoxam 25WG (A9584C) - Determination of Residues in Leaves, Flowers, Pollen, and Nectar of Blueberry After Foliar Application. Project Number: TK0250072. Unpublished study prepared by Lange Research and Consulting, Inc. 274p. |
| 50425902 | Lange, B. (2017) Thiamethoxam WG (A9584C) - Determination of Residues in Leaves, Flowers, Pollen, and Nectar of Sweet Orange After Foliar Application: Final Report. Project Number: TK0250069, LR16203,. Unpublished study prepared by Lange Research and Consulting, Inc. 428p. |
| 50425903 | Loque, R. (2017) Thiamethoxam 25WG (A9584C) - Residues in Leaves, Flowers, Pollen, and Nectar of Ornamental Plants After Foliar or Soil Applications in the USA: Final Report. Project Number: TK0242077, 1781/4139, 1781/7081. Unpublished study prepared by Smithers Pharma Services, Smithers Viscient. 617p. |
| 50425904 | Levey, C.; Chen, W.; Truman, C.; et al. (2017) Thiamethoxam: Effects of Clothianidin on Aquatic Communities - Evaluating the Impacts of Lethal and Sublethal Exposure to Neonicotinoids: Response to Published Literature. Project Number: TK0376161,. Unpublished study prepared by Syngenta Crop Protection, LLC. 21p. |
| 50432100 | Syngenta Crop Protection, LLC (2017) Submission of Toxicity Data in Support the the Registration Review of Thiamethoxam. Transmittal of 1 Study. |
| 50432101 | Bocksch, S. (2017) Thiamethoxam: Thiamethoxam Technical - Honey Bee Brood and Colony Level Effects Following Thiamethoxan Intake via Treated Sucrose Solution in a Field Study in North Carolina - USA 2016: Final Report. Project Number: S16/020808, TK0279073. Unpublished study prepared by Eurofins Agroscience Services EcoChem GmbH. 481p. |
| 50449500 | Syngenta Crop Protection, LLC (2017) Submission of Pesticide Use Data in Support of the Registration Review of Thiamethoxam. Transmittal of 1 Study. |
| 50449501 | Lange, B.; Rice, F.; Overmyer, J. (2016) Thiamethoxam 5 FS (A9765N) - Investigating the Use of Vacuum Planter Exhaust Deflectors and a Polyethylene Wax Lubricant (BFA) in Mitigating Dust Released from Pneumatic Planting Equipment During Corn Planting in North America in 2014: Final Report. Project Number: LR14037, G/1402BK, 110G810. Unpublished study prepared by LANGE RESEARCH AND CONSULTING, INC., SGS North America, Inc. and EPL Bio-Analytical Services (EPL-BAS). 238p. |
| 50532900 | Dow AgroSciences, LLC (2018) Submission of Toxicity Data in Support of the Registration of GF-2626. Transmittal of 1 Study. |
| 50532901 | Schmitzer, S. (2011) GF-2626: Toxicity Testing of GF-2626 on Honey Bees and their Brood (Apis mellifera L.) under Semi-Field Conditions - Tunnel Test. Project Number: DR/0436/7753/020. Unpublished study prepared by Institut fuer Biologische Analytik und Consulting IBACON. 115p. |
| 50553000 | Syngenta Crop Protection, LLC (2018) Submission of Environmental Fate Data in Support of the Registration Review of Thiamethoxam. Transmittal of 2 Studies. |
| 50553001 | Pronier, I. (2014) Thiamethoxam Residue Study - Thiamethoxam and its Metabolite CGA322704 Dissipation in Field Exposed Seeds of Maize Treated with A9700B. Northern France - 2013: Final Report. Project Number: 37SRFR13R2, TK0049000. Unpublished study prepared by SynTech Research France S.A.S. 93p. |
| 50553002 | White, T. (2016) Thiamethoxam, Metalaxyl-M and Fludioxonil - Dissipation of Residues on A9807F - Treated Oilseed Rape Seeds on the Soil Surface, Germany 2015: Final Report. Project Number: S15/01162, TK0254424. Unpublished study prepared by Eurofins AgroScience Services Ltd. 121p. |
| 50587200 | Syngenta Crop Protection, LLC (2018) Submission of Product Chemistry Data in Support of the Amended Registration of Thiamethoxam Technical. Transmittal of 3 Studies. |
| 50588200 | Syngenta Crop Protection, LLC (2018) Submission of Product Chemistry, Toxicity and Environmental Fate Data in Support of the Application for Registration of A22388B. Transmittal of 16 Studies. |
| 50588213 | Orovecz, B. (2018) Final Report: Thiabendazole/Difenoconazole/Thiamethoxam/Metalaxyl-M/Sedaxane FS (A22388B) - In Vitro Skin Irritation Test in the EPISKIN(TM) Model. Project Number: TK0318356, 18/036/043B. Unpublished study prepared by CiToxLab Hungary Ltd. 36p. |
| 50604400 | Elanco US Inc. (2018) Submission of Toxicity, Exposure & Risk, Residue and Pesticide Use Data in Support of the Amended Registration of Agita 10WG. Transmittal of 3 Studies. |
| 50604402 | Mileson, B.; Reynolds, M. (2018) Rationale Supporting Agita 10WG Litter Beetle Applications in Poultry House as Nonfood Use. Project Number: EUS/20180731/2. Unpublished study prepared by Technology Sciences Group Inc. 98p. |
| 50742800 | Syngenta Crop Protection, LLC (2018) Submission of Product Chemistry Data in Support of the Amended Registration of Thiamethoxam Technical. Transmittal of 1 Study. |
| 50766600 | Syngenta Crop Protection, LLC (2019) Submission of Toxicity Data in Support of the Registration Review of Thiamethoxam. Transmittal of 5 Studies. |
| 50766605 | Knabe, S. (2010) Thiamethoxam, (CGA293343) - A Semi-Field Study with A9700B + A9638A Treated Maize Seed, Followed by Untreated Flowering Crop(s), Investigating Residues in Crop(s), Soil and Honeybee Products in Picardie (France), in 2009. Project Number: S08/01284, TK0005522. Unpublished study prepared by Eurofins Agroscience Services EcoChem GmbH. 184p. |
| 50776200 | U.S. Environmental Protection Agency (2019) Submission of Toxicity Data in Support of Risk Assessment. Transmittal of 1 Study. |
| 50776201 | Raby, M.; Zhao, X.; Hao, C.; et al. (2018) Chronic Toxicity of 6 Neonicotinoid Insecticides to Chrionomus dilutus and Neocloeon triangulifer. Environmental Toxicology and Chemistry 37(10):2727-2739. |
| 50776400 | U.S. Environmental Protection Agency (2019) Submission of Toxicity Data in Support of Risk Assessment. Transmittal of 1 Study. |
| 50776401 | Raby, M.; Nowierski, M.; Perlov, D.; et al. (2018) Acute Toxicity of 6 Neonicotinoid Insecticides to Freshwater Invertebrates. Environmental Toxicology and Chemistry 37(5):1430-1445. |
| 50781600 | Syngenta Crop Protection, LLC (2019) Submission of Toxicity Data in Support of the Registration Review of Thiamethoxam. Transmittal of 6 Studies. |
| 50781601 | Schur, A. (2001) Thiamethoxam: Semi-Field Test (Tunnel) - Side Effects of Sunflower Grown from Seeds Dressed with A-9567 B on the Honey Bee (Apis mellifera L.) in Spain: Final Report. Project Number: 20001072/S1/BZEU, 2003676, TK0453544. Unpublished study prepared by Arbeitsgemeinschaft GAB Biotechnologie. 68p. |
| 50781602 | Barnavon, M. (1999) Thiamethoxam: Tunnel Test - Effect of Sunflowers Grown from Seeds Dressed with A-9567B on Honey Bees (Apis mellifera): Final Report Amendment 1. Project Number: S98NCR3769VO74, 983769, TK0453546. Unpublished study prepared by Solevi. 43p. |
| 50781603 | Nengel, S. (1998) Thiamethoxam: Semi-Field Test - Effects of CGA 293343 WG 25 (A-9584) on the Honey Bee (Apis mellifera L.): Final Report. Project Number: 97086/01/BZEU, 972510, TK0453540. Unpublished study prepared by Arbeitsgemeinschaft GAB Biotechnologie. 71p. |
| 50781604 | Nengel, S. (1998) Thiamethoxam: Semi-Field Test - Effects of Oil-Seed Rape Grown from Seeds Dressed with A-9700 B on the Honey Bee (Apis mellifera L.): Final report. Project Number: 98082/01/BZEU, 972509, TK0453543. Unpublished study prepared by Arbeitsgemeinschaft GAB Biotechnologie. 30p. |
| 50781605 | Kleiner, R. (1997) Thiamethoxam: Testing Toxicity to Honeybee - Apis mellifera L. (Semifield): CGA 293343 WG 25: Final Report. Project Number: 96/10/48/035, 96025024, TK0453538. Unpublished study prepared by Biochem Gmbh Karlsruhe. 18p. |
| 50781606 | Barnavon, M. (2001) Thiamethoxam: Tunnel Test - Effects of Sunflowers Grown from Seeds Dressed with CGA 293343 70 WS (A-9567B) on Honey Bees (Apis mellifera): Final Report. Project Number: S99NCB1556VO46, 991556, TK0453548. Unpublished study prepared by Solevi. 126p. |
| 50836200 | Syngenta Crop Protection, LLC. (2019) Submission of Efficacy Data in Support of the Application for Registration of Pitore Wood Treatment. Transmittal of 1 Study. |
| 50836300 | Syngenta Crop Protection, LLC (2019) Submission of Efficacy Data in Support of the Experimental Use of Pitore Wood Treatment Termiticide on Termites. Transmittal of 1 Study |
| 50919600 | FMC Corporation (2019) Submission of Product Chemistry Data in Support of the Registration of F4189. Transmittal of 1 Study. |
| 50957900 | Syngenta Crop Protection, LLC (2019) Submission of Efficacy Data in Support of the Application for Registration of Pitore Liquid Treatment. Transmittal of 1 Study. |
| 50958100 | Syngenta Crop Protection, LLC (2019) Submission of Environmental Fate Data in Support of the Amended Registration of Tandem and Demand Duo. Transmittal of 1 Study. |
| 50958101 | Dixon, M. (2005) Lambda-Cyhalothrin: Measurement of Indoor Residues following Residential indoor Crack and Crevice Application of Demands CS (Lambda-Cyhalothrin): Final Report. Project Number: T001727/02. Unpublished study prepared by Syngenta Crop Protection, LLC. 400p. |
| 51030000 | Sharda Cropchem Limited (2019) Submission of Product Chemistry Data in Support of the Application of Registration for Sharda Thiamethoxam Technical. Transmittal of 16 Studies. |
| 51049100 | Sharda USA LLC (2020) Submission of Toxicity and Product Chemistry Data in Support of the Application for the Registration of Sharda Thiamethoxam 25%. Transmittal of 16 Studies. |
| 51128200 | Syngenta Crop Protection, LLC (2020) Submission of Environmental Fate Data in Support of the Registration Review of Thiamethoxam. Transmittal of 1 Study. |
| 51134200 | Sharda USA LLC. (2020) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of Sharda Thiamethoxam 40% WDG. Transmittal of 13 Studies. |
| 51136400 | Syngenta Crop Protection, LLC (2020) Submission of Product Chemistry Data in Support of the Amended Registration of Thiamethoxam Technical. Transmittal of 1 Study. |
| 51199400 | Sharda Cropchem, Ltd. (2020) Submission of Product Chemistry Data in Support of the Application for Registration of Sharda Thiamethoxam Technical. Transmittal of 2 Studies. |
| 51208500 | Sharda USA, LLC (2020) Submission of Product Chemistry Data in Support of the Application for Registration of Sharda Thiamethoxam 75% SG. Transmittal of 4 Studies. |
| 51221100 | Sharda USA, LLC (2020) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of Sharda Thiamethoxam 12.6% + Lambda 9.48% SC; ABN: Spiderman. Transmittal of 10 Studies. |
| 51229000 | Syngenta Crop Protection, LLC (2021) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of A23273 ST. Transmittal of 11 Studies. |
| 51229011 | Pyles, S. (2021) Isocycloseram A23273 ST (A23273A) DOCUMENT M-III, Section 3 Toxicological Studies. Unpublished study prepared by Syngenta Crop Protection, LLC. 40p. |
| 51229100 | Syngenta Crop Protection, LLC (2021) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of A23250 ST. Transmittal of 11 Studies. |
| 51229111 | Ciencewicki, A.; Davis, J. (2021) Isocycloseram A22725 ST (A22725F) Document M-III, Section 3 - Toxicological Studies. Project Number: SYN547407, M/III/SECTION/3. Unpublished study prepared by Syngenta Crop Protection, LLC. 37p. |
| 51288400 | Syngenta Crop Protection, LLC (2021) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of CruiserMaxx APX. Transmittal of 14 Study. |
| 51288403 | Orovecz, B. (2020) Picarbutrazox/Fludioxonil/Thiamethoxam/Metalaxyl-M/Sedaxane FS (A23240C): In Vitro Skin Irritation Test in the EpiDerm Model (EPI-200-SIT). Project Number: 20/207/043B. Unpublished study prepared by Charles River Laboratories Hungary Kft. 36p. |
| 51288413 | Tóth-Gönczöl, K. (2020) Picarbutrazox / Fludioxonil / Thiamethoxam / Metalaxyl-M / Sedaxane FS (A23240B): In Vitro Skin Irritation Test in the EpiDerm Model (EPI-200-SIT). Project Number: 20/084/043B. Unpublished study prepared by Charles River Laboratories Hungary Kft. 35p. |
| 51289300 | Syngenta Crop Protection, LLC (2021) Submission of Product Chemistry Data in Support of the Amended Registration of Thiamethoxam Technical. Transmittal of 1 Study. |
| 51289500 | Syngenta Crop Protection, LLC (2021) Submission of Residue Data in Support of the Petition for Tolerance of Thiamethoxam for Use on Pineapple. Transmittal of 1 Study. |
| 51404500 | Sharda Cropchem Limited (2020) Submission of Product Chemistry Data in Support of the Application for Registration of Sharda Thiamethoxam Technical. Transmittal of 7 Studies. |
| 51438800 | Albaugh, LLC (2021) Submission of Product Chemistry Data in Support of the Application for Registration of Thiamethoxam Technical. Transmittal of 5 Studies. |
| 51625700 | Albaugh, LLC (2021) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of Albaugh IPZ-4. Transmittal of 11 Studies. |
| 51625800 | Albaugh LLC (2021) Submission of Product Chemistry Data in Support of the Application for Registration of Thiamethoxam 5L. Transmittal of 4 Studies. |