**APPENDIX 2-4. Clothianidin Studies Submitted to US EPA (OPPIN), by PC Code**

**Bibliography, PC code 044309**

**61-1       Chemical Identity**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45416301 | McFadden, P. (2001) The Physical Characteristics of RTU TI435 End-Use Product: Titan FL: Lab Project Number: PC/01-004. Unpublished study prepared by Gustafson Research and Development Center. 130 p. {OPPTS 830.1550, 830.1600, 830.1650, 830.1670, 830.1750, 830.6302, 830.6303, 830.6304, 830.7300, 830.7000, 830.7100}  |
| 45422302 | Fontaine, L. (2001) Product Chemistry of Clothianidin Technical: Lab Project Number: BR 2069: ANR 01101: ANR-01201. Unpublished study prepared by Bayer Corporation. 830 p. {OPPTS 830.6316, 830.1800, 830.1750, 830.1700, 830.1670, 830.1620, 830.1600, 830.1550, 830.1550}  |
| 45422304 | Fontaine, L. (2001) Product Chemistry of Clothianidin 600 FS: Lab Project Number: BR-2006: ANR-00201: ANR-00101. Unpublished study prepared by Bayer Corporation. 116 p.  |
| 45480401 | Cornes, S. (2001) U.S. EPA Product Properties Test Guidelines Group A and B of TM-44401: Lab Project Number: TMN-0246. Unpublished study prepared by Toxikon Corp. 80 p. {OPPTS 830.1550, 830.1600, 830.1620, 830.1650, 830.1670, 830.1700, 830.1750}  |
| 45569801 | Fontaine, L. (2001) Product Chemistry of Clothianidin Technical: Lab Project Number: BR 2098. Unpublished study prepared by Bayer Corp. 6 p. {OPPTS 830.1550}  |
| 45654601 | Fontaine, L. (2002) Supplemental Product Chemistry of Clothianidin Technical: Lab Project Number: BR 2210. Unpublished study prepared by Bayer Corp. 429 p. {OPPTS 830.1550, 830.1670, 830.1750}  |
| 46345601 | Fontaine, L. (2004) Product Chemistry of Clothianidin Technical. Project Number: BR/2445, 15/920/2215, ANR/13504. Unpublished study prepared by Bayer Corp. 207 p. |
| 47007801 | Folsom, B. (2006) Product Chemistry of Poncho Beta. Project Number: 02/00041, 14/1050/5281, BR2548. Unpublished study prepared by Bayer Corp. 281 p. |
| 47206501 | Mitchell, H. (2007) Product Chemistry of Insecticide TD Concentrate. Project Number: BR/2564, 201639, AM001704KF2. Unpublished study prepared by Bayer Corp. 408 p. |
| 48024201 | Hines, D. (2010) Product Chemistry of Penclotrime 310.68FS. Project Number: M/365173/01/1, BR/2686, M/365173/01/1/OCR. Unpublished study prepared by Bayer CropScience. 360 p. |

**61-2       Description of Beginning Materials and Manufacturing Process**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45416301 | McFadden, P. (2001) The Physical Characteristics of RTU TI435 End-Use Product: Titan FL: Lab Project Number: PC/01-004. Unpublished study prepared by Gustafson Research and Development Center. 130 p. {OPPTS 830.1550, 830.1600, 830.1650, 830.1670, 830.1750, 830.6302, 830.6303, 830.6304, 830.7300, 830.7000, 830.7100}  |
| 45422302 | Fontaine, L. (2001) Product Chemistry of Clothianidin Technical: Lab Project Number: BR 2069: ANR 01101: ANR-01201. Unpublished study prepared by Bayer Corporation. 830 p. {OPPTS 830.6316, 830.1800, 830.1750, 830.1700, 830.1670, 830.1620, 830.1600, 830.1550, 830.1550}  |
| 45422304 | Fontaine, L. (2001) Product Chemistry of Clothianidin 600 FS: Lab Project Number: BR-2006: ANR-00201: ANR-00101. Unpublished study prepared by Bayer Corporation. 116 p.  |
| 45480401 | Cornes, S. (2001) U.S. EPA Product Properties Test Guidelines Group A and B of TM-44401: Lab Project Number: TMN-0246. Unpublished study prepared by Toxikon Corp. 80 p. {OPPTS 830.1550, 830.1600, 830.1620, 830.1650, 830.1670, 830.1700, 830.1750}  |
| 46345601 | Fontaine, L. (2004) Product Chemistry of Clothianidin Technical. Project Number: BR/2445, 15/920/2215, ANR/13504. Unpublished study prepared by Bayer Corp. 207 p. |
| 47007801 | Folsom, B. (2006) Product Chemistry of Poncho Beta. Project Number: 02/00041, 14/1050/5281, BR2548. Unpublished study prepared by Bayer Corp. 281 p. |
| 47206501 | Mitchell, H. (2007) Product Chemistry of Insecticide TD Concentrate. Project Number: BR/2564, 201639, AM001704KF2. Unpublished study prepared by Bayer Corp. 408 p. |
| 48024201 | Hines, D. (2010) Product Chemistry of Penclotrime 310.68FS. Project Number: M/365173/01/1, BR/2686, M/365173/01/1/OCR. Unpublished study prepared by Bayer CropScience. 360 p. |

**61-3       Discussion of Formation of Impurities**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45416301 | McFadden, P. (2001) The Physical Characteristics of RTU TI435 End-Use Product: Titan FL: Lab Project Number: PC/01-004. Unpublished study prepared by Gustafson Research and Development Center. 130 p. {OPPTS 830.1550, 830.1600, 830.1650, 830.1670, 830.1750, 830.6302, 830.6303, 830.6304, 830.7300, 830.7000, 830.7100}  |
| 45422302 | Fontaine, L. (2001) Product Chemistry of Clothianidin Technical: Lab Project Number: BR 2069: ANR 01101: ANR-01201. Unpublished study prepared by Bayer Corporation. 830 p. {OPPTS 830.6316, 830.1800, 830.1750, 830.1700, 830.1670, 830.1620, 830.1600, 830.1550, 830.1550}  |
| 45480401 | Cornes, S. (2001) U.S. EPA Product Properties Test Guidelines Group A and B of TM-44401: Lab Project Number: TMN-0246. Unpublished study prepared by Toxikon Corp. 80 p. {OPPTS 830.1550, 830.1600, 830.1620, 830.1650, 830.1670, 830.1700, 830.1750}  |
| 45569801 | Fontaine, L. (2001) Product Chemistry of Clothianidin Technical: Lab Project Number: BR 2098. Unpublished study prepared by Bayer Corp. 6 p. {OPPTS 830.1550}  |
| 45654601 | Fontaine, L. (2002) Supplemental Product Chemistry of Clothianidin Technical: Lab Project Number: BR 2210. Unpublished study prepared by Bayer Corp. 429 p. {OPPTS 830.1550, 830.1670, 830.1750}  |
| 46345601 | Fontaine, L. (2004) Product Chemistry of Clothianidin Technical. Project Number: BR/2445, 15/920/2215, ANR/13504. Unpublished study prepared by Bayer Corp. 207 p. |
| 47007801 | Folsom, B. (2006) Product Chemistry of Poncho Beta. Project Number: 02/00041, 14/1050/5281, BR2548. Unpublished study prepared by Bayer Corp. 281 p. |
| 47206501 | Mitchell, H. (2007) Product Chemistry of Insecticide TD Concentrate. Project Number: BR/2564, 201639, AM001704KF2. Unpublished study prepared by Bayer Corp. 408 p. |
| 48024201 | Hines, D. (2010) Product Chemistry of Penclotrime 310.68FS. Project Number: M/365173/01/1, BR/2686, M/365173/01/1/OCR. Unpublished study prepared by Bayer CropScience. 360 p. |

**62-1       Preliminary Analysis**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45422302 | Fontaine, L. (2001) Product Chemistry of Clothianidin Technical: Lab Project Number: BR 2069: ANR 01101: ANR-01201. Unpublished study prepared by Bayer Corporation. 830 p. {OPPTS 830.6316, 830.1800, 830.1750, 830.1700, 830.1670, 830.1620, 830.1600, 830.1550, 830.1550}  |
| 45480401 | Cornes, S. (2001) U.S. EPA Product Properties Test Guidelines Group A and B of TM-44401: Lab Project Number: TMN-0246. Unpublished study prepared by Toxikon Corp. 80 p. {OPPTS 830.1550, 830.1600, 830.1620, 830.1650, 830.1670, 830.1700, 830.1750}  |
| 45654601 | Fontaine, L. (2002) Supplemental Product Chemistry of Clothianidin Technical: Lab Project Number: BR 2210. Unpublished study prepared by Bayer Corp. 429 p. {OPPTS 830.1550, 830.1670, 830.1750}  |
| 46345601 | Fontaine, L. (2004) Product Chemistry of Clothianidin Technical. Project Number: BR/2445, 15/920/2215, ANR/13504. Unpublished study prepared by Bayer Corp. 207 p. |
| 47007801 | Folsom, B. (2006) Product Chemistry of Poncho Beta. Project Number: 02/00041, 14/1050/5281, BR2548. Unpublished study prepared by Bayer Corp. 281 p. |

**62-2       Certification of limits**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45416301 | McFadden, P. (2001) The Physical Characteristics of RTU TI435 End-Use Product: Titan FL: Lab Project Number: PC/01-004. Unpublished study prepared by Gustafson Research and Development Center. 130 p. {OPPTS 830.1550, 830.1600, 830.1650, 830.1670, 830.1750, 830.6302, 830.6303, 830.6304, 830.7300, 830.7000, 830.7100}  |
| 45422302 | Fontaine, L. (2001) Product Chemistry of Clothianidin Technical: Lab Project Number: BR 2069: ANR 01101: ANR-01201. Unpublished study prepared by Bayer Corporation. 830 p. {OPPTS 830.6316, 830.1800, 830.1750, 830.1700, 830.1670, 830.1620, 830.1600, 830.1550, 830.1550}  |
| 45422304 | Fontaine, L. (2001) Product Chemistry of Clothianidin 600 FS: Lab Project Number: BR-2006: ANR-00201: ANR-00101. Unpublished study prepared by Bayer Corporation. 116 p.  |
| 45480401 | Cornes, S. (2001) U.S. EPA Product Properties Test Guidelines Group A and B of TM-44401: Lab Project Number: TMN-0246. Unpublished study prepared by Toxikon Corp. 80 p. {OPPTS 830.1550, 830.1600, 830.1620, 830.1650, 830.1670, 830.1700, 830.1750}  |
| 45654601 | Fontaine, L. (2002) Supplemental Product Chemistry of Clothianidin Technical: Lab Project Number: BR 2210. Unpublished study prepared by Bayer Corp. 429 p. {OPPTS 830.1550, 830.1670, 830.1750}  |
| 46345601 | Fontaine, L. (2004) Product Chemistry of Clothianidin Technical. Project Number: BR/2445, 15/920/2215, ANR/13504. Unpublished study prepared by Bayer Corp. 207 p. |
| 47007801 | Folsom, B. (2006) Product Chemistry of Poncho Beta. Project Number: 02/00041, 14/1050/5281, BR2548. Unpublished study prepared by Bayer Corp. 281 p. |
| 47206501 | Mitchell, H. (2007) Product Chemistry of Insecticide TD Concentrate. Project Number: BR/2564, 201639, AM001704KF2. Unpublished study prepared by Bayer Corp. 408 p. |

**62-3       Analytical Method**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45416303 | Dunn, N. (2001) Validation of a Method for the Determination of Metalaxyl in GUS 7047-01 by Gas Chromatography: Final Report: Lab Project Number: GRL-11797: 2000-010: GRL-FR-11797. Unpublished study prepared by Crompton Co. 33 p.  |
| 45416304 | Dunn, N. (2001) Validation of a Method for the Determination of Clothiandan, Carbathiin and Thiram in GUS 7047-01 by High Performance Liquid Chromatography: Final Report: Lab Project Number: GRL-11796: 2000-009: GRL-FR-11796. Unpublished study prepared by Crompton Co. 39 p.  |
| 45422301 | Fontaine, L. (2001) Product Chemistry of Clothianidin Technical: Lab Project Number: BR 2068: 2005-0009101-99E: ANR-01701. Unpublished study prepared by Bayer Corporation. 462 p. {OPPTS 830.1800, 830.7200, 830.7220, 830.7300, 830.7950, 830.6302, 830.6304, 830.7050, 830.7840, 830.7570, 830.7370, 830.6315, 830.6316, 830.6314, 830.6317, 830.7000, 830.6313, 830.6319, 830.6320, 830.7520}  |
| 45422302 | Fontaine, L. (2001) Product Chemistry of Clothianidin Technical: Lab Project Number: BR 2069: ANR 01101: ANR-01201. Unpublished study prepared by Bayer Corporation. 830 p. {OPPTS 830.6316, 830.1800, 830.1750, 830.1700, 830.1670, 830.1620, 830.1600, 830.1550, 830.1550}  |
| 45422514 | Kendall, T.; Nixon, W. (1999) Analytical Method Verification for the Determination of TI-435 Technical in Avian Diet: Lab Project Number: 197C-101: 110170. Unpublished study prepared by Wildlife International, Ltd. 56 p.  |
| 45422827 | Moore, K.; Shelton, L. (1998) A Liquid Chromatographic Method for the Determination of TI 435 in Dose Preparations: Lab Project Number: 97-899-OA: 108503. Unpublished study prepared by Bayer Corporation. 14 p.  |
| 45422828 | Moore, K.; Shelton, L. (1998) A Liquid Chromatographic Method for the Determination of TI 435 in Rodent Ration: Lab Project Number: 97-899-MA: 107645. Unpublished study prepared by Bayer Corporation. 18 p.  |
| 46345601 | Fontaine, L. (2004) Product Chemistry of Clothianidin Technical. Project Number: BR/2445, 15/920/2215, ANR/13504. Unpublished study prepared by Bayer Corp. 207 p. |
| 47007801 | Folsom, B. (2006) Product Chemistry of Poncho Beta. Project Number: 02/00041, 14/1050/5281, BR2548. Unpublished study prepared by Bayer Corp. 281 p. |
| 47206501 | Mitchell, H. (2007) Product Chemistry of Insecticide TD Concentrate. Project Number: BR/2564, 201639, AM001704KF2. Unpublished study prepared by Bayer Corp. 408 p. |

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

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45416301 | McFadden, P. (2001) The Physical Characteristics of RTU TI435 End-Use Product: Titan FL: Lab Project Number: PC/01-004. Unpublished study prepared by Gustafson Research and Development Center. 130 p. {OPPTS 830.1550, 830.1600, 830.1650, 830.1670, 830.1750, 830.6302, 830.6303, 830.6304, 830.7300, 830.7000, 830.7100}  |
| 45422301 | Fontaine, L. (2001) Product Chemistry of Clothianidin Technical: Lab Project Number: BR 2068: 2005-0009101-99E: ANR-01701. Unpublished study prepared by Bayer Corporation. 462 p. {OPPTS 830.1800, 830.7200, 830.7220, 830.7300, 830.7950, 830.6302, 830.6304, 830.7050, 830.7840, 830.7570, 830.7370, 830.6315, 830.6316, 830.6314, 830.6317, 830.7000, 830.6313, 830.6319, 830.6320, 830.7520}  |
| 45422303 | Fontaine, L. (2001) Product Chemistry of Clothianidin 600 FS: Lab Project Number: BR-2064: ANR-00501: 109521. Unpublished study prepared by Bayer Corporation. 46 p. {OPPTS 830.6302, 830.6303, 830.6304, 830.6314, 830.6315, 830.6316, 830.87100, 830.6320, 830.7000, 830.7300}  |
| 45480401 | Cornes, S. (2001) U.S. EPA Product Properties Test Guidelines Group A and B of TM-44401: Lab Project Number: TMN-0246. Unpublished study prepared by Toxikon Corp. 80 p. {OPPTS 830.1550, 830.1600, 830.1620, 830.1650, 830.1670, 830.1700, 830.1750}  |
| 47007801 | Folsom, B. (2006) Product Chemistry of Poncho Beta. Project Number: 02/00041, 14/1050/5281, BR2548. Unpublished study prepared by Bayer Corp. 281 p. |

**63-2       Color**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46853901 | Bates, P. (2005) The Physical Characteristics of GUS 7082-00 Seed Treatment End-Use Product. Project Number: PC/04/005. Unpublished study prepared by Gustafson Seed Technology Center. 109 p. |
| 47007801 | Folsom, B. (2006) Product Chemistry of Poncho Beta. Project Number: 02/00041, 14/1050/5281, BR2548. Unpublished study prepared by Bayer Corp. 281 p. |
| 47206501 | Mitchell, H. (2007) Product Chemistry of Insecticide TD Concentrate. Project Number: BR/2564, 201639, AM001704KF2. Unpublished study prepared by Bayer Corp. 408 p. |

**63-3       Physical State**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46853901 | Bates, P. (2005) The Physical Characteristics of GUS 7082-00 Seed Treatment End-Use Product. Project Number: PC/04/005. Unpublished study prepared by Gustafson Seed Technology Center. 109 p. |
| 47007801 | Folsom, B. (2006) Product Chemistry of Poncho Beta. Project Number: 02/00041, 14/1050/5281, BR2548. Unpublished study prepared by Bayer Corp. 281 p. |
| 47206501 | Mitchell, H. (2007) Product Chemistry of Insecticide TD Concentrate. Project Number: BR/2564, 201639, AM001704KF2. Unpublished study prepared by Bayer Corp. 408 p. |

**63-4       Odor**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46853901 | Bates, P. (2005) The Physical Characteristics of GUS 7082-00 Seed Treatment End-Use Product. Project Number: PC/04/005. Unpublished study prepared by Gustafson Seed Technology Center. 109 p. |
| 47007801 | Folsom, B. (2006) Product Chemistry of Poncho Beta. Project Number: 02/00041, 14/1050/5281, BR2548. Unpublished study prepared by Bayer Corp. 281 p. |
| 47206501 | Mitchell, H. (2007) Product Chemistry of Insecticide TD Concentrate. Project Number: BR/2564, 201639, AM001704KF2. Unpublished study prepared by Bayer Corp. 408 p. |

**63-5       Melting Point**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 47007801 | Folsom, B. (2006) Product Chemistry of Poncho Beta. Project Number: 02/00041, 14/1050/5281, BR2548. Unpublished study prepared by Bayer Corp. 281 p. |

**63-6       Boiling Point**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 47007801 | Folsom, B. (2006) Product Chemistry of Poncho Beta. Project Number: 02/00041, 14/1050/5281, BR2548. Unpublished study prepared by Bayer Corp. 281 p. |

**63-7       Density**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46853901 | Bates, P. (2005) The Physical Characteristics of GUS 7082-00 Seed Treatment End-Use Product. Project Number: PC/04/005. Unpublished study prepared by Gustafson Seed Technology Center. 109 p. |
| 47007801 | Folsom, B. (2006) Product Chemistry of Poncho Beta. Project Number: 02/00041, 14/1050/5281, BR2548. Unpublished study prepared by Bayer Corp. 281 p. |
| 47206501 | Mitchell, H. (2007) Product Chemistry of Insecticide TD Concentrate. Project Number: BR/2564, 201639, AM001704KF2. Unpublished study prepared by Bayer Corp. 408 p. |

**63-8       Solubility**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 47007801 | Folsom, B. (2006) Product Chemistry of Poncho Beta. Project Number: 02/00041, 14/1050/5281, BR2548. Unpublished study prepared by Bayer Corp. 281 p. |

**63-9       Vapor Pressure**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 47007801 | Folsom, B. (2006) Product Chemistry of Poncho Beta. Project Number: 02/00041, 14/1050/5281, BR2548. Unpublished study prepared by Bayer Corp. 281 p. |

**63-10       Dissociation Constant**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 47007801 | Folsom, B. (2006) Product Chemistry of Poncho Beta. Project Number: 02/00041, 14/1050/5281, BR2548. Unpublished study prepared by Bayer Corp. 281 p. |

**63-11       Oct/Water partition Coef.**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45422307 | Schneider, J. (2000) Partition Coefficient in Octanol-Water of TI435-TZNG: Lab Project Number: 14 0036 1023: 110276. Unpublished study prepared by Bayer Ag. 20 p.  |
| 45422308 | Schneider, J. (2000) Partition Coefficient in Octanol-Water of TI435-MNG: Lab Project Number: 14 0036 1020: 110277. Unpublished study prepared by Bayer AG. 20 p.  |
| 45422309 | Schneider, J. (2001) Partition Coefficient in Octanol-Water of TI435-TZMU: Lab Project Number: 14 0036 1022: 110278. Unpublished study prepared by Bayer, Ag. 18 p.  |
| 45422310 | Schneider, J. (2001) Partition Coefficient in Octanol-Water of TI435-TMG: Lab Project Number: 14 0036 1021: 110279. Unpublished study prepared by Bayer, Ag. 18 p.  |
| 47007801 | Folsom, B. (2006) Product Chemistry of Poncho Beta. Project Number: 02/00041, 14/1050/5281, BR2548. Unpublished study prepared by Bayer Corp. 281 p. |

**63-12       pH**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46853901 | Bates, P. (2005) The Physical Characteristics of GUS 7082-00 Seed Treatment End-Use Product. Project Number: PC/04/005. Unpublished study prepared by Gustafson Seed Technology Center. 109 p. |
| 47007801 | Folsom, B. (2006) Product Chemistry of Poncho Beta. Project Number: 02/00041, 14/1050/5281, BR2548. Unpublished study prepared by Bayer Corp. 281 p. |
| 47206501 | Mitchell, H. (2007) Product Chemistry of Insecticide TD Concentrate. Project Number: BR/2564, 201639, AM001704KF2. Unpublished study prepared by Bayer Corp. 408 p. |

**63-13       Stability**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45422723 | Williams, K. (1998) Analytical Validation and Stability of Rodent Chow (TI-435): Lab Project Number: 6155-110: 109827. Unpublished study prepared by Covance Laboratories Ltd. 44 p.  |
| 47007801 | Folsom, B. (2006) Product Chemistry of Poncho Beta. Project Number: 02/00041, 14/1050/5281, BR2548. Unpublished study prepared by Bayer Corp. 281 p. |

**63-14       Oxidizing/Reducting Action**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45416302 | Dunn, N. (2001) The Oxidizing and Reducing Characteristics of GUS 7047-01: Final Report: Lab Project Number: GRL-11798: 2000-011: GR-FR-11798. Unpublished study prepared by Crompton Co. 23 p. {OPPTS 830.6314}  |
| 47007801 | Folsom, B. (2006) Product Chemistry of Poncho Beta. Project Number: 02/00041, 14/1050/5281, BR2548. Unpublished study prepared by Bayer Corp. 281 p. |

**63-15       Flammability**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 47007801 | Folsom, B. (2006) Product Chemistry of Poncho Beta. Project Number: 02/00041, 14/1050/5281, BR2548. Unpublished study prepared by Bayer Corp. 281 p. |
| 47206501 | Mitchell, H. (2007) Product Chemistry of Insecticide TD Concentrate. Project Number: BR/2564, 201639, AM001704KF2. Unpublished study prepared by Bayer Corp. 408 p. |

**63-16       Explodability**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45422302 | Fontaine, L. (2001) Product Chemistry of Clothianidin Technical: Lab Project Number: BR 2069: ANR 01101: ANR-01201. Unpublished study prepared by Bayer Corporation. 830 p. {OPPTS 830.6316, 830.1800, 830.1750, 830.1700, 830.1670, 830.1620, 830.1600, 830.1550, 830.1550}  |
| 47007801 | Folsom, B. (2006) Product Chemistry of Poncho Beta. Project Number: 02/00041, 14/1050/5281, BR2548. Unpublished study prepared by Bayer Corp. 281 p. |

**63-17       Storage stability**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45422301 | Fontaine, L. (2001) Product Chemistry of Clothianidin Technical: Lab Project Number: BR 2068: 2005-0009101-99E: ANR-01701. Unpublished study prepared by Bayer Corporation. 462 p. {OPPTS 830.1800, 830.7200, 830.7220, 830.7300, 830.7950, 830.6302, 830.6304, 830.7050, 830.7840, 830.7570, 830.7370, 830.6315, 830.6316, 830.6314, 830.6317, 830.7000, 830.6313, 830.6319, 830.6320, 830.7520}  |
| 45422304 | Fontaine, L. (2001) Product Chemistry of Clothianidin 600 FS: Lab Project Number: BR-2006: ANR-00201: ANR-00101. Unpublished study prepared by Bayer Corporation. 116 p.  |
| 45750301 | Vanstone, C. (2002) Determination of the Storage Stability and Corrosion Characteristics of GUS 7047-01 in Blue HDPE Drums: 1 Year Study: Final Report: Lab Project Number: GRL-11799: 2000-012: GRL-FR-11799. Unpublished study prepared by Crompton Co. 43 p. {OPPTS 830.6317, 830.6320}  |
| 45750302 | Vanstone, C. (2002) Determination of the Storage Stability and Corrosion Characteristics of GUS 7047-01 in Florinated HDPE Jugs: 1 Year Study: Final Report: Lab Project Number: GRL-11800: 2000-013: GRL-FR-11800. Unpublished study prepared by Crompton Co. 43 p. {OPPTS 830.6317, 830.6320}  |
| 45750303 | Vanstone, C. (2002) Determination of the Storage Stability and Corrosion Characteristics of GUS 7047-01 in Non-Florinated HDPE Jugs: 1 Year Study: Final Report: Lab Project Number: GRL-11801: 2000-014: GRL-FR-11801. Unpublished study prepared by Crompton Co. 43 p. {OPPTS 830.6317, 830.6320}  |
| 45750304 | Vanstone, C. (2002) Determination of the Storage Stability and Corrosion Characteristics of GUS 7047-01 in Stainless Steel Totes: 1 Year Study: Final Report: Lab Project Number: GRL-11802: 2000-015. Unpublished study prepared by Crompton Co. 43 p. {OPPTS 830.6317, 830.6320}  |
| 45750305 | Vanstone, C. (2002) Determination of the Storage Stability and Corrosion Characteristics of GUS 7047-01 in Plastic Totes: 1 Year Study: Final Report: Lab Project Number: GRL-11803: 2000-016. Unpublished study prepared by Crompton Co. 43 p. {OPPTS 830.6317, 83.6320}  |
| 47007801 | Folsom, B. (2006) Product Chemistry of Poncho Beta. Project Number: 02/00041, 14/1050/5281, BR2548. Unpublished study prepared by Bayer Corp. 281 p. |

**63-18       Viscosity**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46853901 | Bates, P. (2005) The Physical Characteristics of GUS 7082-00 Seed Treatment End-Use Product. Project Number: PC/04/005. Unpublished study prepared by Gustafson Seed Technology Center. 109 p. |
| 47007801 | Folsom, B. (2006) Product Chemistry of Poncho Beta. Project Number: 02/00041, 14/1050/5281, BR2548. Unpublished study prepared by Bayer Corp. 281 p. |
| 47206501 | Mitchell, H. (2007) Product Chemistry of Insecticide TD Concentrate. Project Number: BR/2564, 201639, AM001704KF2. Unpublished study prepared by Bayer Corp. 408 p. |

**63-19       Miscibility**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 47007801 | Folsom, B. (2006) Product Chemistry of Poncho Beta. Project Number: 02/00041, 14/1050/5281, BR2548. Unpublished study prepared by Bayer Corp. 281 p. |

**63-20       Corrosion characteristics**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45750301 | Vanstone, C. (2002) Determination of the Storage Stability and Corrosion Characteristics of GUS 7047-01 in Blue HDPE Drums: 1 Year Study: Final Report: Lab Project Number: GRL-11799: 2000-012: GRL-FR-11799. Unpublished study prepared by Crompton Co. 43 p. {OPPTS 830.6317, 830.6320}  |
| 45750302 | Vanstone, C. (2002) Determination of the Storage Stability and Corrosion Characteristics of GUS 7047-01 in Florinated HDPE Jugs: 1 Year Study: Final Report: Lab Project Number: GRL-11800: 2000-013: GRL-FR-11800. Unpublished study prepared by Crompton Co. 43 p. {OPPTS 830.6317, 830.6320}  |
| 45750303 | Vanstone, C. (2002) Determination of the Storage Stability and Corrosion Characteristics of GUS 7047-01 in Non-Florinated HDPE Jugs: 1 Year Study: Final Report: Lab Project Number: GRL-11801: 2000-014: GRL-FR-11801. Unpublished study prepared by Crompton Co. 43 p. {OPPTS 830.6317, 830.6320}  |
| 45750304 | Vanstone, C. (2002) Determination of the Storage Stability and Corrosion Characteristics of GUS 7047-01 in Stainless Steel Totes: 1 Year Study: Final Report: Lab Project Number: GRL-11802: 2000-015. Unpublished study prepared by Crompton Co. 43 p. {OPPTS 830.6317, 830.6320}  |
| 45750305 | Vanstone, C. (2002) Determination of the Storage Stability and Corrosion Characteristics of GUS 7047-01 in Plastic Totes: 1 Year Study: Final Report: Lab Project Number: GRL-11803: 2000-016. Unpublished study prepared by Crompton Co. 43 p. {OPPTS 830.6317, 83.6320}  |
| 47007801 | Folsom, B. (2006) Product Chemistry of Poncho Beta. Project Number: 02/00041, 14/1050/5281, BR2548. Unpublished study prepared by Bayer Corp. 281 p. |

**63-21       Dielectric breakdown voltage**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 47007801 | Folsom, B. (2006) Product Chemistry of Poncho Beta. Project Number: 02/00041, 14/1050/5281, BR2548. Unpublished study prepared by Bayer Corp. 281 p. |

**71-1       Avian Single Dose Oral Toxicity**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45422417 | Johnson, A. (1998) TI-435 Technical Acute Oral Toxicity (LD50) to Bobwhite Quail: Lab Project Number: TDA 232: 110016. Unpublished study prepared by Huntingdon Life Sciences, Ltd. 47 p.  |
| 45422418 | Gallagher, S.; Beavers, J. (2000) TI-435 Technical: An Acute Oral Toxicity Study with the Japanese Quail: Lab Project Number: 197-128: 110015. Unpublished study prepared by Wildlife International, Ltd. 41 p.  |

**71-2       Avian Dietary Toxicity**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45422419 | Johnson, A. (1998) TI-435 Technical Dietary LC50 to the Bobwhite Quail: Lab Project Number: TDA 233: 110050. Unpublished study prepared by Huntingdon Life Sciences Ltd. 45 p.  |
| 45422420 | Johnson, A. (1998) TI-435 Technical Dietary LC50 to the Mallard Duck: Lab Project Number: TDA 234: 110051. Unpublished study prepared by Huntingdon Life Sciences Ltd. 41 p.  |
| 45422423 | Barfknecht, R. (2001) Attractiveness of Freshly Drilled Maize Fields for Large seed Eating Birds (TI-435 Technical): Lab Project Number: E308 1831-4: 110400. Unpublished study prepared by Bayer AG. 35 p.  |
| 45422424 | Wolf, C. (2001) Generic Avian Field Study on Freshly Drilled Oiled Rape Fields in Great Britain(TI-435 Technical): Lab Project Number: E308 1918-0: 110293. Unpublished study prepared by Bayer AG. 125 p.  |
| 45422515 | Barfknecht, R. (1998) Acceptance of TI 435 FS 600-Coated Rape Seeds (1.67 L product/100 kg seed) by Japanese Quail (Coturnix cortunix japonica): Lab Project Number: E200 1349-9: 110178. Unpublished study prepared by Bayer AG. 34 p.  |
| 45422516 | Barfknecht, R. (1998) Acceptance of TI 435 FS 600-Coating of Maize Seeds (50 g a.i./5000 seeds) by Domestic Pigeon (Columba livia-f. domestica) according to BBA-Test Guideline 25-1: Lab Project Number: E 200 1351-2: 110070. Unpublished study prepared by Bayer AG. 28 p.  |
| 45422517 | Barfknecht, R. (2000) Acceptance of TI 435 FS 600 (25 g a.i./unit) Treated Seeds by Domestic Pigeon (Columba livia f. domestica): Lab Project Number: E200 1922-6: 110181. Unpublished study prepared by Bayer AG. 22 p.  |

**71-4       Avian Reproduction**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45422421 | Gallagher, S.; Casey, C.; Beavers, J. et al. (2000) TI-435 Technical A Reproduction Study with the Northern Bobwhite (Colinus virgianus): Lab Project Number: 197-122: 110052. Unpublished study prepared by Wildlife International, Ltd. 183 p.  |
| 45422422 | Gallagher, S.; Casey, C. ; Beavers, J. et al. (2000) TI-435 Technical A Reproduction Study with the Mallard (Ana platyrhynchos): Lab Project Number: 197-123: 110053. Unpublished study prepared by Wildlife International, Ltd. 182 p.  |

**72-1       Acute Toxicity to Freshwater Fish**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45422406 | Wilhelmy, H.; Geffke, T. (1998) TI-435 Technical: Fish (Rainbow Trout), Acute Toxicity Test, 96h, Limit Test: Lab Project Number: FAR54472/CFF54472: 110283. Unpublished study prepared by Dr. U. Noack Laboratory for Applied Biology. 42 p. {OPPTS 850.1075}  |
| 45422407 | Palmer, S.; MacGregor, J.; Krueger, H. (2000) TI-435 Technical: A 96-Hour Static Toxicity Test with the Bluegill (Lepomis macrochirus): Lab Project Number: 149A-123: T5810301: 110003. Unpublished study prepared by Wildlife International, Ltd. 37 p.  |
| 45422408 | Dorgerloh, M. (2000) TI-435 Thiazolylmethylguanin-Acute Toxicity (96 Hours) to Rainbow Trout (Oncorhynchus mykiss) in a Static test (Limit Test): Lab Project Number: E 250 1889-3: 110020. Unpublished study prepared by Bayer AG. 44 p.  |
| 45422409 | Dorgerloh, M.; Sommer, H. (2000) N-Methylnitroguanine-Acute Toxicity (96 Hours) to Rainbow Trout (Oncorhynchus mykiss) in a Static test (Limit Test): Lab Project Number: E 250 1890-5: 110063. Unpublished study prepared by Bayer AG. 46 p.  |
| 45422410 | Dorgerloh, M.; Sommer, H. (2000) TI 435 - Thiazolylnitroguanidine-Acute Toxicity (96 Hours) to Rainbow Trout (Oncorhynchus mykiss) in a Static test (Limit Test): Lab Project Number: E 250 1888-2: 110019. Unpublished study prepared by Bayer AG. 45 p.  |

**72-2       Acute Toxicity to Freshwater Invertebrates**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45422338 | Palmer, S.; MacGregor, J.; Krueger, H. (2000) TI-435 Technical: A 48-Hour Static Acute Toxicity Test with the Cladoceran (Daphnia magna): Lab Project Number: 149A-122: 110004: T5820101. Unpublished study prepared by Wildlife International, Ltd. 38 p. {OPPTS 850.1010}  |
| 45422339 | Hendel, B. (2000) Acute Toxicity of TI 435-Thiazolylmethylguanidine (techn.) to Water Fleas (Daphnia magna): Lab Project Number: E 320 1881-3: 110021: HDB/DM 229. Unpublished study prepared by Bayer AG. 25 p.  |
| 45422340 | Hendel, B. (2000) Acute Toxicity of N-Methylnitroguanidine (techn.) to Water Fleas (Daphnia magna): Lab Project Number: E 320 1880-2: 11064: HDB DM/232. Unpublished study prepared by Bayer AG. 24 p.  |
| 45422401 | Hendel, B. (2000) Acute Toxicity of TI 435-Thiazolylnitroguanidine (techn.) to Water Fleas (Daphnia magna): Lab Project Number: E 320 1879-0: 110022. Unpublished study prepared by Bayer AG. 26 p.  |
| 45422402 | Hendel, B. (2000) Acute Toxicity of Leachate Water Samples of a Lysimeter on TI 435 (Lysimeter 17 and 18, sampling time: 1999-10-11 to 2000-07-07) to Water Fleas (Daphnia magna): Lab Project Number: E 320 1975-7: 110060. Unpublished study prepared by Bayer AG. 16 p.  |

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

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| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45422403 | Drottar, K.; MacGregor, J.; Krueger, H. (2000) TI-435 Technical: A 96-Hour Flow-Through Acute Toxicity Test with the Saltwater Mysid (Mysidopsis bahia): Lab Project Number: 197A-101: 110058. Unpublished study prepared by Wildlife International, Ltd. 45 p. {OPPTS 850.1035}  |
| 45422404 | Scheerbaum, D. (1999) TI-435 Technical: Oyster, Acute Toxicity Test (Shell Deposition), Limit Test, Flow-Through, 96h: Lab Project Number: DOA60771: 110174. Unpublished study prepared by Dr. U. Noack Laboratory for Applied Biology. 36 p. {OPPTS 850.1025}  |
| 45422405 | Drottar, K.; MacGregor, J.; Krueger, H. (2000) TI-435 Technical: A Flow-Through Life-Cycle Toxicity Test with the Saltwater Mysid (Mysidopsis bahia): Lab Project Number: 197A-103: 110167. Unpublished study prepared by Wildlife International, Ltd. 65 p. {OPPTS 850.1350}  |
| 45422411 | Scheerbaum, D. (1999) TI 435 Technical: Fish (Sheepshead minnow), Acute Toxicity, Limit Test, 96h, Semi-static: Lab Project Number: FAS60771: 110173. Unpublished study prepared by Dr. U. Noack Laboratory for Applied Biology. 37 p. {OPPTS 850.1075}  |

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

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45422412 | Noack, M.; Geffke, T. (1998) TI 435 Technical: Daphnia magna Reproduction Test (21 d): Lab Project Number: DRE54471/CDR54471: 110018. Unpublished study prepared by Dr. U. Noack Laboratory for Applied Biology. 59 p.  |
| 45422413 | Drottar, K.; Krueger, H. (2000) TI-435 Technical: An Early Life-Stage Toxicity Test with the Fathead Minnow (Pimephales promelas): Lab Project Number: 149A-124B: T5851201: 110163. Unpublished study prepared by Wildlife International, Ltd. 77 p. {OPPTS 850.1400}  |
| 45422509 | Heimbach, F. (1999) Influence of TI 435 Technical on Development and Emergence of Larvae of Chironomus riparius in a Water-Sediment System: Lab Project Number: E 416 1397-1: 110065. Unpublished study prepared by Bayer AG. 43 p.  |
| 45422510 | Heimbach, F. (1998) Influence of TMG (tech.) on Development and Emergence of Larvae of Chironomus riparius in a Water-Sediment System: Lab Project Number: 110179: E416 1380-3: HBF/CH 26. Unpublished study prepared by Bayer AG. 47 p.  |

**81-1       Acute oral toxicity in rats**

|  |  |
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| **MRID** | **Citation Reference** |
|  |  |
| 45416305 | Merkel, D. (2001) Acute Oral Toxicity Study in Rats--Limit Test: GUS 7047-01: Lab Project Number: 9876: P320. Unpublished study prepared by Product Safety Labs. 14 p. {OPPTS 870.1100}  |
| 45422621 | Gardner, J. (1997) TI-435 Acute Oral Toxicity Study in the Rat: Lab Project Number: 586/120-1032: 109847. Unpublished study prepared by Covance Laboratories. 46 p. {OPPTS 870.1100}  |
| 45422622 | Gardner, J. (1997) TI-435 Acute Oral Toxicity Study in the Mouse: Lab Project Number: 586/121-1032: 109848. Unpublished study prepared by Covance Laboratories. 45 p. {OPPTS 870.1100}  |
| 45422623 | Ruddock, W. (2000) BN0335E2 Acute Oral Toxicity Study in the Rat: Lab Project Number: 586/229-D6144: 110236. Unpublished study prepared by Covance Laboratories. 29 p. {OPPTS 870.1100}  |
| 45422624 | Ruddock, W. (1999) TZMU Acute Oral Toxicity Study in the Rat: Lab Project Number: 586/152-D6144. Unpublished study prepared by Covance Laboratories. 61 p. {OPPTS 80.1100}  |
| 45422625 | Ruddock, W. (1999) Methyl Guanidine (MG) Acute Oral Toxicity Study in the Rat: Lab Project Number: 586/153-D6144: 110200. Unpublished study prepared by Covance Laboratories. 56 p. {OPPTS 870.1100}  |
| 45422626 | Ruddock, W. (2000) TZNG Acute Oral Toxicity Study in the Rat: Lab Project Number: 586/163-D6144: 110207. Unpublished study prepared by Covance Laboratories. 39 p. {OPPTS 870.1100}  |
| 45422627 | Dawkes, N. (1999) TMG Acute Oral Toxicity Study in the Rat: Lab Project Number: 586/164-D6144: 110206. Unpublished study prepared by Covance Laboratories. 39 p. {OPPTS 870.1100}  |
| 45422628 | Ruddock, W. (2000) BN0230M Acute Oral Toxicity Study in the Rat: Lab Project Number: 586/228-D6144: 110237. Unpublished study prepared by Covance Laboratories. 29 p. {OPPTS 870.1100}  |
| 45422629 | Ruddock, W. (1999) MAI Acute Oral Toxicity Study in the Rat: Lab Project Number: 586/176-D6144: 110208. Unpublished study prepared by Covance Laboratories. 42 p. {OPPTS 870.1100}  |
| 45422630 | Krotlinger, F. (2000) TI 435-CCMT-AADUCT Study for Acute Oral Toxicity Study in Rats: Lab Project Number: PH 29814: T2069070: 110213. Unpublished study prepared by Bayer AG. 29 p.  |
| 45422631 | Krotlinger, F. (2000) TI 435-Hexahydropyrimidine (By-Product of Technical TI 435) Study for Acute Oral Toxicity Study in Rats: Lab Project Number: PH 30517: T4070025. Unpublished study prepared by Bayer AG. 27 p. {OPPTS 870.1100}  |
| 45422632 | Krotlinger, F. (2000) TI 435-Triazan Acute Oral Toxicity Study in Male and Female Wistar Rats: Lab Project Number: PH 30096: T5069640. Unpublished study prepared by Bayer AG. 26 p. {OPPTS 870.1100}  |
| 45422633 | Krotlinger, F. (1999) TI 435 600 FS 06568/0020 (c.n. Clothianidin) Study for Acute Oral Toxicity Study in Rats: Lab Project Number: PH-29295: T8068356. Unpublished study prepared by Bayer AG. 28 p. {OPPTS 870.1100}  |
| 45490706 | Hoffman, G. (2000) V-10066 50 WDG: Acute Oral Toxicity Study in Rats: Lab Project Number: 99-0600: TMN-0339: VP-21928. Unpublished study prepared by Huntingdon Life Sciences. 53 p. {OPPTS 870.1100}  |
| 45587404 | Wahle, B. (2001) TI 435 600 SC: An Acute Oral LD (50) Study in the Rat: Lab Project Number: 110817: 01-A12-GO. Unpublished study prepared by Bayer Corp. 70 p. {OPPTS 870.1100}  |
| 45861401 | Wahle, B. (2002) TI 435 600 FS: An Acute Oral LD50 Study in the Rat: Revised Report: Lab Project Number: 110817-1: 01-A12-GO. Unpublished study prepared by Bayer Corporation. 70 p. {OPPTS 870.1100}  |
| 47206503 | Sargent, D. (2007) Bridging Rationale for Acute Toxicity Studies on Bayer Advanced Insecticide TD Concentrate. Project Number: BA07/DS/02, BA06/DS/11. Unpublished study prepared by Bayer Advanced. 12 p. |
| 47783702 | Sargent, D. (2008) Bridging Rationale for Acute Toxicity Studies for Insecticide TD Granule. Project Number: BA08/DS/02, BA08/DS/02A. Unpublished study prepared by Bayer CropScience. 11 p. |

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

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45416306 | Merkel, D. (2001) Acute Dermal Toxicity Study in Rats--Limit Test: GUS 7047-01: Lab Project Number: 9877: P322. Unpublished study prepared by Product Safety Labs. 15 p. {OPPTS 870.1200}  |
| 45422634 | Gardner, J. (1997) TI 435 Acute Dermal Toxicity Study in the Rat: Lab Project Number: 586/122-1032: 109849. Unpublished study prepared by Covance Laboratories. 32 p. {OPPTS 870.1200}  |
| 45422635 | Krotlinger, F. (1999) TI 0435 600 FS 06568/0020 (c.n. Clothianidin) Study for Acute Dermal Toxicity in Rats: Lab Project Number: PH-29294: T9068357: 109823. Unpublished study prepared by Bayer AG. 27 p. {OPPTS 870.1200}  |
| 45490707 | Hoffman, G. (2000) V-10066 50 WDG: Acute Dermal Toxicity Study in Rats: Lab Project Number: 99-0601: TMN-0340: VP-21936. Unpublished study prepared by Huntingdon Life Sciences. 30 p. {OPPTS 870.1200}  |
| 47007808 | Sargent, D. (2006) Bridging Rationale for Acute Toxicity Studies on Bayer Cropscience Poncho Beta. Project Number: BCS06/DS/12. Unpublished study prepared by Bayer Crop Science LP. 5 p. |
| 47206503 | Sargent, D. (2007) Bridging Rationale for Acute Toxicity Studies on Bayer Advanced Insecticide TD Concentrate. Project Number: BA07/DS/02, BA06/DS/11. Unpublished study prepared by Bayer Advanced. 12 p. |
| 47783702 | Sargent, D. (2008) Bridging Rationale for Acute Toxicity Studies for Insecticide TD Granule. Project Number: BA08/DS/02, BA08/DS/02A. Unpublished study prepared by Bayer CropScience. 11 p. |

**81-3       Acute inhalation toxicity in rats**

|  |  |
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| **MRID** | **Citation Reference** |
|  |  |
| 45416307 | Merkel, D. (2001) Acute Inhalation Toxicity Study in Rats--Limit Test: GUS 7047-01: Lab Project Number: 9878: P330. Unpublished study prepared by Product Safety Labs. 22 p. {OPPTS 870.1300}  |
| 45422636 | Shepard, N. (1998) TI 435 Single Dose Inhalation (Head-Only) Toxicity Study in the Rat: Lab Project Number: 586/129-D6154: 109998. Unpublished study prepared by Covance Laboratories Ltd. 54 p. {OPPTS 870.1300}  |
| 45422637 | Pauluhn, J. (1999) TI 435 600 FS 06568/0020 (c.n. Clothianidin) Study on Acute Inhalation in Rats According to OECD No.403: Lab Project Number: PH-28962: T7068163. Unpublished study prepared by Bayer AG. 71 p. {OPPTS 870.1300}  |
| 45490708 | Hoffman, G. (2000) V-10066 50 WDG: Acute (4-Hour) Inhalation Toxicity Study in Rat via Nose-Only Exposure: Lab Project Number: 99-5429: TMN-0343: VP-21910. Unpublished study prepared by Huntingdon Life Sciences. 53 p. {OPPTS 870.1300}  |
| 47007808 | Sargent, D. (2006) Bridging Rationale for Acute Toxicity Studies on Bayer Cropscience Poncho Beta. Project Number: BCS06/DS/12. Unpublished study prepared by Bayer Crop Science LP. 5 p. |
| 47206503 | Sargent, D. (2007) Bridging Rationale for Acute Toxicity Studies on Bayer Advanced Insecticide TD Concentrate. Project Number: BA07/DS/02, BA06/DS/11. Unpublished study prepared by Bayer Advanced. 12 p. |
| 47783702 | Sargent, D. (2008) Bridging Rationale for Acute Toxicity Studies for Insecticide TD Granule. Project Number: BA08/DS/02, BA08/DS/02A. Unpublished study prepared by Bayer CropScience. 11 p. |

**81-4       Primary eye irritation in rabbits**

|  |  |
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| **MRID** | **Citation Reference** |
|  |  |
| 45416308 | Merkel, D. (2001) Primary Eye Irritation Study in Rabbits: GUS 7047-01: Lab Project Number: 9879: P324. Unpublished study prepared by Product Safety Labs. 16 p. {OPPTS 870.2400}  |
| 45422701 | Gardner, J. (1997) TI 435 Eye Irritation in the Rabbit: Lab Project Number: 586/123-1032. Unpublished study prepared by Covance Laboratories. 28 p. {OPPTS 870.2400}  |
| 45422702 | Leuschner, P. (1999) Acute Eye Irritation of TI 435 00600 FS 06568/0020 by Instillation into the Conjunctival Sac of Rabbits: Lab Project Number: R 7417: T9067196: 9301/345/95. Unpublished study prepared by LPT Laboratory of Pharmacology and Toxicology. 22 p. {OPPTS 870.2400}  |
| 45422814 | Leuschner, P. (1999) Acute Eye Irritation Study of TI 435-CCMT-Adduct by Instillation into the Conjunctival Sac of Rabbits: Lab Project Number: R 7682: T 1067242: 9301/391/95. Unpublished study prepared by LPT Laboratory of Pharmacology and Toxicology. 23 p. {OPPTS 870.2400}  |
| 45422819 | Leuschner, P. (2001) Acute Eye Irritation Study of TI 435-TRIAZAN by Instillation into the Conjunctival Sac of Rabbits: Lab Project Number: R 7805: T7069165: 9301/423/95. Unpublished study prepared by LPT Laboratory of Pharmacology and Toxicology. 24 p. {OPPTS 870.2400}  |
| 45490709 | Hoffman, G. (2000) V-10066 50 WDG: Acute Eye Irritation Study in Rabbits: Lab Project Number: 99-0603: TMN-0342A: VP-21899. Unpublished study prepared by Huntingdon Life Sciences. 29 p. {OPPTS 870.2400}  |
| 47007808 | Sargent, D. (2006) Bridging Rationale for Acute Toxicity Studies on Bayer Cropscience Poncho Beta. Project Number: BCS06/DS/12. Unpublished study prepared by Bayer Crop Science LP. 5 p. |
| 47206503 | Sargent, D. (2007) Bridging Rationale for Acute Toxicity Studies on Bayer Advanced Insecticide TD Concentrate. Project Number: BA07/DS/02, BA06/DS/11. Unpublished study prepared by Bayer Advanced. 12 p. |
| 47783702 | Sargent, D. (2008) Bridging Rationale for Acute Toxicity Studies for Insecticide TD Granule. Project Number: BA08/DS/02, BA08/DS/02A. Unpublished study prepared by Bayer CropScience. 11 p. |

**81-5       Primary dermal irritation**

|  |  |
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| **MRID** | **Citation Reference** |
|  |  |
| 45416309 | Merkel, D. (2001) Primary Skin Irritation Study in Rabbits: GUS 7047-01: Lab Project Number: 9880: P326. Unpublished study prepared by Product Safety Labs. 15 p. {OPPTS 870.2500}  |
| 45422703 | Gardner, J. (1997) TI 435 Skin Irritation Study in the Rabbit: Lab Project Number: 586/124-1032: 109951. Unpublished study prepared by Covance Laboratories. 26 p.  |
| 45422704 | Leuschner, P. (1999) Acute Skin Irritation Test (Patch Test) of TI 435 00600 FS 06568/0020 in Rabbits: Lab Project Number: R 7416: T9067196: 9300/345/95. Unpublished study prepared by LPT Laboratory of Pharmacology and Toxicology. 20 p. {OPPTS 870.2500}  |
| 45422813 | Leuschner, P. (1999) Acute Skin Irritation Test (Patch Test) of TI 435-CCMT-ADDUCT in Rabbits: Lab Project Number: R 7683: T 1067242: 9300/391/95. Unpublished study prepared by LPT Laboratory of Pharmacology and Toxicology. 21 p. {OPPTS 870.2500}  |
| 45422820 | Leuschner, P. (2000) Acute Skin Irritation Test (Patch Test) of TI 435-TRIAZAN in Rabbits: Lab Project Number: R 7804: T7069165: 9300/423/95. Unpublished study prepared by LPT Laboratory of Pharmacology and Toxicology. 22 p. {OPPTS 870.2500}  |
| 45490710 | Hoffman, G. (2000) V-10066 50 WDG: Acute Dermal Irritation Study in Rabbits: Lab Project Number: 99-0602: TMN-0341A: VP-21901. Unpublished study prepared by Huntingdon Life Sciences. 26 p. {870.2500}  |
| 47007808 | Sargent, D. (2006) Bridging Rationale for Acute Toxicity Studies on Bayer Cropscience Poncho Beta. Project Number: BCS06/DS/12. Unpublished study prepared by Bayer Crop Science LP. 5 p. |
| 47206503 | Sargent, D. (2007) Bridging Rationale for Acute Toxicity Studies on Bayer Advanced Insecticide TD Concentrate. Project Number: BA07/DS/02, BA06/DS/11. Unpublished study prepared by Bayer Advanced. 12 p. |
| 47783702 | Sargent, D. (2008) Bridging Rationale for Acute Toxicity Studies for Insecticide TD Granule. Project Number: BA08/DS/02, BA08/DS/02A. Unpublished study prepared by Bayer CropScience. 11 p. |

**81-6       Dermal sensitization**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45416310 | Merkel, D. (2001) Dermal Sensitization Study in Guinea Pig (Buehler Method): GUS 7047-01: Lab Project Number: 9881: P328. Unpublished study prepared by Product Safety Labs. 24 p. {OPPTS 870.2600}  |
| 45422705 | Gardner, J. (1997) TI 435 Skin Sensitization Study in the Guinea Pig: Lab Project Number: 586/125-1032: 109952. Unpublished study prepared by Covance Laboratories. 44 p. {OPPTS 870.2600}  |
| 45422706 | Klimetzek, V. (1999) TI 0435 600 FS 06362/0051 Study for the Skin Sensitization Effect in Guinea Pigs (Buehler Patch Test): Lab Project Number: PH-29142: T 1068313. Unpublished study prepared by Bayer AG. 25 p. {OPPTS 870.2600U  |
| 45422815 | Vohr, H. (2000) TI 435-CCMT-ADDUCT Study for the Skin Sensitization Effect in Guinea Pigs (Guinea Pig Maximization Test According to Magnusson and Kligman): Lab Project Number: PH 29817: T 6069272: 110214. Unpublished study prepared by Bayer AG. 29 p. {OPPTS 870.2600}  |
| 45422821 | Vohr, H. (2000) TI 435-TRIAZAN Study for the Skin Sensitization Effect in Guinea Pigs (Guinea Pig Maximization Test According to Magnusson and Kligman): Lab Project Number: PH-30219: T 9069608: 110217. Unpublished study prepared by Bayer AG. 26 p. {OPPTS 870.2600}  |
| 45490711 | Hoffman, G. (2000) V-10066 50 WDG: Skin Sensitization Study in Guinea Pigs (Buehler Method): Lab Project Number: 99-0604: TMN-0344A: VP-21944. Unpublished study prepared by Huntingdon Life Sciences. 33 p. {OPPTS 870.2600}  |
| 47007808 | Sargent, D. (2006) Bridging Rationale for Acute Toxicity Studies on Bayer Cropscience Poncho Beta. Project Number: BCS06/DS/12. Unpublished study prepared by Bayer Crop Science LP. 5 p. |
| 47206503 | Sargent, D. (2007) Bridging Rationale for Acute Toxicity Studies on Bayer Advanced Insecticide TD Concentrate. Project Number: BA07/DS/02, BA06/DS/11. Unpublished study prepared by Bayer Advanced. 12 p. |
| 47783702 | Sargent, D. (2008) Bridging Rationale for Acute Toxicity Studies for Insecticide TD Granule. Project Number: BA08/DS/02, BA08/DS/02A. Unpublished study prepared by Bayer CropScience. 11 p. |

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

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45422801 | Sheets, L.; Cain, D. (2000) An Acute Oral Neurotoxicity Screening Study with Technical Grade TI-435 in Fischer 344 Rats: Lab Project Number: 108960: 97-412-OH. Unpublished study prepared by Bayer Corporation. 447 p. {OPPTS 870.6200}  |
| 45422802 | Sheets, L.; Gilmore, R. (2000) Original: An Acute Oral Neurotoxicity Screening Study with Technical Grade TI-435 in Fischer 344 Rats: Supplemental: A Special Acute Oral Neurotoxicity Study to Establish a No-Observed-Effect-Level with Technical Grade TI-435 in Fischer 344 Rats: Lab Project Number: 108960-1: 97-412-OH: 00-N12-BA. Unpublished study prepared by Bayer Corporation. 209 p. {OPPTS 870.6200}  |

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

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45422808 | Moore, M. (2000) 4-Week Dietary Toxicity Study with TI-435 in Dogs: Lab Project Number: COVANCE 6155-106: 6155-106: 109828. Unpublished study prepared by Covance Laboratories Inc. 387 p.  |
| 45422809 | Wahle, M. (2000) Technical Grade TI 435: A Subchronic Toxicity Testing Study in the Rat: Lab Project Number: 98-172-QO: 109075. Unpublished study prepared by Takeda Chemical Industries, Ltd. 999 p.  |
| 45422810 | Bernier, L. (2000) 13-Week Dietary Toxicity Study with TI 435 in Dogs: Lab Project Number: 6155-111: 109829. Unpublished study prepared by Covance Laboratories Inc. 393 p. {OPPTS 870.3150}  |

**82-5       Subchronic Neurotoxicity: 90-Day Study**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45422803 | Sheets, L.; Cain, D. (2000) A Subchronic Neurotoxicity Screening Study with Technical Grade TI-435 in Fischer 344 Rats: Lab Project Number: 97-472-OM: 109400. Unpublished study prepared by Bayer Corporation. 472 p. {OPPTS 870.6200}  |

**83-1       Chronic Toxicity**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45422717 | Bernier, L. (2000) 52-Week Dietary Chronic Toxicity Study with TI-435 in Dogs: Lab Project Number: 6155-113: 109831. Unpublished study prepared by Covance Laboratories Inc. 524 p. {OPPTS 870.4100}  |
| 45422718 | Bernier, L. (2001) 52-Week Dietary Chronic Toxicity Study with TI-435 in Dogs (Supplement): Lab Project Number: 6155-126: 109831-1. Unpublished study prepared by Covance Laboratories Inc. 122 p. {OPPTS 870.4100}  |
| 45422719 | Biegel, L. (2000) 104-Week Dietary Combined Chronic Toxicity and Carcinogenicity Study with TI-435 in Rats (Final Report): Lab Project Number: 6155-108: 109841. Unpublished study prepared by Covance Laboratories Inc. 7990 p. {OPPTS 870.4300}  |
| 45422720 | Biegel, L. (2001) 104-Week Dietary Combined Chronic Toxicity and Carcinogenicity Study with TI 435 in Rats: Lab Project Number: 6155-108: 1: 109841-1. Unpublished study prepared by Covance Laboratories Ltd. 94 p. {OPPTS 870.4300}  |

**83-2       Oncogenicity**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45422719 | Biegel, L. (2000) 104-Week Dietary Combined Chronic Toxicity and Carcinogenicity Study with TI-435 in Rats (Final Report): Lab Project Number: 6155-108: 109841. Unpublished study prepared by Covance Laboratories Inc. 7990 p. {OPPTS 870.4300}  |
| 45422720 | Biegel, L. (2001) 104-Week Dietary Combined Chronic Toxicity and Carcinogenicity Study with TI 435 in Rats: Lab Project Number: 6155-108: 1: 109841-1. Unpublished study prepared by Covance Laboratories Ltd. 94 p. {OPPTS 870.4300}  |

**83-3       Teratogenicity -- 2 Species**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45422710 | York, R. (1998) Oral (Gavage) Dosage-Range Developmental Toxicity Study of TI-435 in Rats: Lab Project Number: 1120-001P: 109996. Unpublished study prepared by Argus Research Laboratories, Inc. 134 p. {OPPTS 870.3700}  |
| 45422711 | York, R. (1998) Oral (Gavage) Dosage-Range Developmental Toxicity Study of TI-435 in Rats: Lab Project Number: 1120-001: 109971. Unpublished study prepared by Argus Research Laboratories, Inc. 208 p. {OPPTS 870.3700}  |
| 45422712 | York, R. (1998) Oral (Stomach Tube) Dosage-Range Developmental Toxicity Study of TI-435 in Rabbits: Lab Project Number: 1120-002P: 109997. Unpublished study prepared by Argus Research Laboratories, Inc. 109 p. {OPPTS 870.3700}  |
| 45422713 | York, R. (1998) Oral (Stomach Tube) Dosage-Range Developmental Toxicity Study of TI-435 in Rabbits: Lab Project Number: 1120-002: 109970. Unpublished study prepared by Argus Research Laboratories, Inc. 268 p. {OPPTS 870.3700}  |

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

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45422714 | Astroff, A. (2000) A Pilot Reproductive Toxicity Study with TI-435 in the Sprague-Dawley Rat: Lab Project Number: 97-972-LJ: 108035. Unpublished study prepared by Bayer Corporation. 340 p.  |
| 45422715 | Astroff, A.; Freshwater, K. (2000) A Two Generation Reproductive Toxicity Study with TI-435 in the Sprague-Dawley Rat: Lab Project Number: 98-672-PF: 109282. Unpublished study prepared by Bayer Corporation. 1047 p. {OPPTS 870.3800}  |
| 45422716 | Young, A. (2001) A Two Generation Reproductive Toxicity Study with TI-435 in the Sprague-Dawley Rat (Supplement): Lab Project Number: 109282-1. Unpublished study prepared by Bayer Corporation. 12 p. {OPPTS 870.3800}  |

**83-5       Dietary: Combined Chronic Toxicity/Oncogenicity Studies**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46339010 | Beigel, L. (2004) 104-Week Dietary Combined Chronic Toxicity and Carcinogenicity Study with TI-435 in Rats (Supplement No. 2): Supplement to Final Study. Project Number: 6155/108. Unpublished study prepared by Covance Laboratories, Inc. 114 p. |

**83-6       Developmental Neurotoxicity**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45422804 | Hoberman, A. (2000) Developmental Neurotoxicity Study of TI 435 Administered Orally via Diet to CRL: CD Presumed Pregnant Rats: Lab Project Number: 110218: ARGUS 1120-003: 1120-003. Unpublished study prepared by Argus Research Laboratories, Inc. 1421 p. {OPPTS 870.6300}  |

**84-2       Interaction with Gonadal DNA**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45422724 | Dawkes, N. (2000) BN0335E2 Reverse Mutation in Five Histidine-Requiring Strains of Salmonella typhimurium: Lab Project Number: 586/225-D5140. Unpublished study prepared by Covance Laboratories Ltd. 54 p. {OPPTS 870.5265}  |
| 45422725 | Dawkes, N. (1999) TZMU Reverse Mutation in Five Histidine-Requiring Strains of Salmonella typhimurium: Lab Project Number: 586/150-D5140: 110202. Unpublished study prepared by Covance Laboratories Ltd. 52 p. {OPPTS 870.5265}  |
| 45422726 | Dawkes, N. (1999) Methyl Guanidine Reverse Mutation in Five Histidine-Requiring Strains of Salmonella typhimurium: Lab Project Number: 586/151-D5140: 110201. Unpublished study prepared by Covance Laboratories Ltd. 52 p. {OPPTS 870.5265}  |
| 45422727 | Dawkes, N. (1999) TZNG Reverse Mutation in Five Histidine-Requiring Strains of Salmonella typhimurium: Lab Project Number: 586/165-D5140: 110204. Unpublished study prepared by Covance Laboratories Ltd. 55 p. {OPPTS 870.5265}  |
| 45422728 | Dawkes, N. (1999) TMG Reverse Mutation in Five Histidine-Requiring Strains of Salmonella typhimurium: Lab Project Number: 586/166-D5140: 110203. Unpublished study prepared by Covance Laboratories Ltd. 56 p. {OPPTS 870.5265}  |
| 45422729 | Dawkes, N. (2000) BN0230M Reverse Mutation in Five Histidine-Requiring Strains of Salmonella typhimurium: Lab Project Number: 586/224-D5140: 110239. Unpublished study prepared by Covance Laboratories Ltd. 54 p. {OPPTS 870.5265}  |
| 45422730 | Dawkes, N. (1999) MAI Reverse Mutation in Five Histidine-Requiring Strains of Salmonella typhimurium: Lab Project Number: 586/177-D5140: 110205. Unpublished study prepared by Covance Laboratories Ltd. 55 p. {OPPTS 870.5265}  |
| 45422731 | Thompson, P. (2000) TI-435 Reverse Mutation Assay Ames Test Using Salmonella typhimurium and Escherichia Coli: Lab Project Number: 178/110: 109953. Unpublished study prepared by Safepharm Laboratories Limited. 51 p. {OPPTS 870.5100}  |
| 45422732 | Otsuka, M. (1990) Bacterial Reverse Mutation Test of TIR-435: Lab Project Number: K01-0820: 109975. Unpublished study prepared by Hita Research Laboratories. 28 p. {OPPTS 870.5100}  |
| 45422733 | Herbold, B. (1999) TI 435 Salmonella/Microsome Test Plate Incorporation and Preincubation Method: Lab Project Number: 28849: T 8053884: 109990. Unpublished study prepared by Bayer AG. 58 p. {OPPTS 870.5100}  |
| 45422734 | Herbold, B. (1999) TI 435 Salmonella/Microsome Test Using Salmonella Typhimurium TA 1535 Plate Incorporation and Preincubation Method: Lab Project Number: 25739 A: T 9053830: 109989. Unpublished study prepared by Bayer AG. 48 p. {OPPTS 870.5100}  |
| 45422735 | Otsuka, M. (1990) DNA Repair Test of TIR-435 in Bacillus subtillis: Lab Project Number: K02-0096: 109978. Unpublished study prepared by Hita Research Laboratories. 22 p. {OPPTS 870.5500}  |
| 45422736 | Wright, N. (2000) TI-435 Chromosome Aberration Test in CHGL Cells In Vitro: Lab Project Number: 178/111: 110232. Unpublished study prepared by Safepharm Laboratories Limited. 73 p. {OPPTS 870.5100}  |
| 45422737 | Durwood, R. (2000) TI-435 L5178Y TK +/-Mouse Lymphoma Assay: Lab Project Number: 178/112: 109830. Unpublished study prepared by Safepharm Laboratories Limited. 40 p. {OPPTS 870.5300}  |
| 45422738 | Brendler-Schwaab, S. (1999) TI-435 Mutagenicity Study for the Detection of Induced Forward Mutations in the V79-HPRT Assay In Vitro: Lab Project Number: 28851: 1053841: 109992. Unpublished study prepared by Bayer AG. 37 p. {OPPTS 870.5300}  |
| 45422739 | Brendler-Schwaab, S. (1999) TI-435 Test on Unscheduled DNA Synthesis with Rat Liver Cells In Vivo: Lab Project Number: 28850: T 0053840/T 9053902: 109991. Unpublished study prepared by Bayer AG. 39 p. {OPPTS 870.5500}  |
| 45422740 | Durwood, R. (2000) TI-435 Micronucleus Test in the Mouse: Lab Project Number: 178/113: 109969. Unpublished study prepared by Safepharm Laboratories Limited. 47 p. {OPPTS 870.5395}  |
| 45422812 | Herbold, B. (2001) N-Methylnitroguanidin Salmonella/Microsome Test Plate Incorporation and Preincubation Method: Lab Project Number: PH 30755: T 0069528: 110246. Unpublished study prepared by Bayer AG. 49 p. {OPPTS 870.5100}  |
| 45422816 | Herbold, B. (2000) TI 435-CCMT-ADDUCT Salmonella/Microsome Test Plate Incorporation and Preincubation Method: Lab Project Number: PH 30144: T 8068860: 110216. Unpublished study prepared by Bayer AG. 51 p. {OPPTS 870.5100}  |
| 45422817 | Herbold, B. (2000) TI 435-Benzyltriazinone Salmonella/Microsome Test Plate Incorporation and Preincubation Method: Lab Project Number: PH 30065: T 6068886: 110215. Unpublished study prepared by Bayer AG. 51 p. {OPPTS 870.510}  |
| 45422818 | Herbold, B. (2001) TI 435-Hexahydropyrimidine Salmonella/Microsome Test Plate Incorporation Method: Lab Project Number: PH 30734: T 2069890: 110243. Unpublished study prepared by Bayer Ag. 51 p. {OPPTS 870.5100}  |
| 45422822 | Herbold, B. (2000) TI 435-Triazan Salmonella/Microsome Test Plate Incorporation and Preincubation Method: Lab Project Number: PH 30172: T 4069135: 110241. Unpublished study prepared by Bayer AG. 54 p. {OPPTS 870.5100}  |

**85-1       General metabolism**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45422805 | Weber, E. (2000) (Nitroimino-Carbon 14)-and (Thiazolyl-2-Carbon 14) TI-435 Toxicokinetic Behaviour and Metabolism in the Rat Including Whole Body Autoradiography: Lab Project Number: M01819065: 110270: MR 348/00. Unpublished study prepared by Bayer AG. 204 p. {OPPTS 870.7485}  |
| 45422806 | Mikata, K.; Ohta, K. (2000) Determination of Metabolites of TI-435 in Major Tissues of Rats: Lab Project Number: 110286. Unpublished study prepared by Takeda Chemical Industries, Ltd. 13 p.  |
| 45422807 | Mikata, K.; Nagasaki, H.; Ohta, K. (2000) Absorption, Distribution, Metabolism and Excretion of TI-435 in Mice: Lab Project Number: DTOX063: 110491. Unpublished study prepared by Takeda Chemical Industries, Ltd. 18 p. {OPPTS 870.7485}  |

**85-3       Dermal Penetration/Absorption**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45868001 | Sebesta, C. (2003) A Study to Determine the Dermal Absorption of TI 435 FS 600 when Administered Dermally to Male Rhesus Monkeys: Final Report: Lab Project Number: 200494: VCBZ-0107: 03C-B29-PJ. Unpublished study prepared by Charles River Laboratories. 104 p. {OPPTS 870.7600}  |

**122-1       Seed Germination/Seedline Emergence and Vegetable Vigor**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45422501 | Brignole, A.; Porch, J.; Krueger, H. (2000) TI-435 50% WDG: A Toxicity Test to Determine the Effects of the Test Substance on Seedling Emergence of Ten Species of Plants: Lab Project Number: 197-126: 110165. Unpublished study prepared by Wildlife International, Ltd. 77 p. {OPPTS 850.4100 and 850.4225}  |
| 45422502 | Brignole, A.; Porch, J.; Krueger, H. et al. (2000) TI-435 50% WDG: A Toxicity Test to Determine the Effects of the Test Substance on Vegetative Vigor of Ten Species of Plants: Lab Project Number: 197-127: 110166. Unpublished study prepared by Wildlife International, Ltd. 116 p. {OPPTS 850.4150}  |

**122-2       Aquatic plant growth**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45422503 | Palmer, S.; MacGregor, J.; Krueger, H. et al. (2000) TI-435 Technical: A 14-Day Static-Renewal Toxicity Test with Duckweed (Lemna gibba G3): Lab Project Number: 149A-125: T5883701: 110005. Unpublished study prepared by Wildlife International, Ltd. 45 p. {OPPTS 850.4400}  |
| 45422505 | Dorgerloh, M. (2000) TI-435 Thiazolylmethylguanidine-Influence on the Growth of the Green Alga, Selenastrum capricornutum: Lab Project Number: E 323 1875-9: 110169. Unpublished study prepared by Bayer AG. 47 p. {OPPTS 850.5400}  |
| 45422506 | Dorgerloh, M. (2000) N-Methylnitroguanidine-Influence on the Growth of the Green Alga, Selenastrum capricornutum: Lab Project Number: E323 1873-7: 110281. Unpublished study prepared by Bayer AG. 43 p.  |
| 45422507 | Dorgerloh, M. (2000) TI-435-Thiazolylnitroguanidine-Influence on the Growth of the Green Alga, Selenastrum capricornutum: Lab Project Number: E 323 1874-8: 110168. Unpublished study prepared by Bayer AG. 41 p. {OPPTS 850.5400}  |

**123-1       Seed germination/seedling emergence and vegetative vigor**

|  |  |
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| **MRID** | **Citation Reference** |
|  |  |
| 45422501 | Brignole, A.; Porch, J.; Krueger, H. (2000) TI-435 50% WDG: A Toxicity Test to Determine the Effects of the Test Substance on Seedling Emergence of Ten Species of Plants: Lab Project Number: 197-126: 110165. Unpublished study prepared by Wildlife International, Ltd. 77 p. {OPPTS 850.4100 and 850.4225}  |

**123-2       Aquatic plant growth**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45422504 | Sutherland, C.; MacGregor, J.; Krueger, H. (2000) TI-435 Technical: A 5-Day Toxicity Test with the Freshwater Alga (Selenastrum capricornutum): Lab Project Number: 197A-102: 110164. Unpublished study prepared by Wildlife International, Ltd. 57 p.  |
| 48720601 | Banman, C.; Howerton, J.; Lam, C. (2012) Toxicity of Clothianidin to the Blue-Green Algae Anabaena flos-aquae. Project Number: EBTIP057, M/421987/01/1. Unpublished study prepared by Bayer CropScience. 58p. |
| 48720602 | Banman, C.; Howerton, J.; Lam, C. (2012) Toxicity of Clothianidin Technical to the Freshwater Diatom Navicula pelliculosa. Project Number: EBTIP059, M/421991/01/1. Unpublished study prepared by Bayer CropScience. 59p. |
| 48720603 | Banman, C.; Howerton, J.; Lam, C. (2012) Toxicity of Clothianidin to the Saltwater Diatom Skeletonema costatum. Project Number: EBTIP058, M/421990/01/1. Unpublished study prepared by Bayer CropScience. 58p. |

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

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45480404 | Schreier, T. (2001) Dissipation of Dislodgeable Folliar Clothianidin Residues from Pesticide Treated Apple Foliage: Lab Project Number: VP-21400: TMN-0423: V-21400-A. Unpublished study prepared by Valent U.S.A. Corporation. 130 p. {OPPTS 875.2100}  |

**133-3       Dermal passive dosimetry expo**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45416312 | McFadden, D. (2001) Use and Occupational Exposure Information for Titan FL: Final Report: Lab Project Number: 01-101. Unpublished study prepared by Gustafson LLC. 31 p.  |

**133-4       Inhal. passive dosimetry expo**

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| **MRID** | **Citation Reference** |
|  |  |
| 45416312 | McFadden, D. (2001) Use and Occupational Exposure Information for Titan FL: Final Report: Lab Project Number: 01-101. Unpublished study prepared by Gustafson LLC. 31 p.  |

**141-1       Honey bee acute contact**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45422426 | Weyman, G. (1998) TI-435 Technical: Acute Contact and Oral Toxicity to Honey Bees: Lab Project Number: 586/135: 110049. Unpublished study prepared by Covance Laboratories Ltd. 39 p.  |
| 45422431 | Schmuck, R.; Schoning, R. (2000) Residues of TI 435 in Nectar. Blossoms, Pollen and Honey Bees Sampled from a Summer Rape Field in Sweden and Effects of These Residues on Foraging Honeybees: Lab Project Number: E370 1361-1: 110282. Unpublished study prepared by Bayer AG. 30 p.  |
| 45422432 | Schmuck, R.; Schoning, R. (2000) Residues of TI 435 in Nectar. Blossoms, Pollen and Honey Bees Sampled from a British Summer Rape Field and Effects of These Residues on Foraging Honeybees: Lab Project Number: E 370 1657-6: 110024. Unpublished study prepared by Bayer AG. 31 p.  |
| 45422433 | Schmuck, R.; Schoning, R. (2000) Residues of TI 435 in Nectar. Blossoms, Pollen and Honey Bees Sampled from a French Summer Rape Field and Effects of These Residues on Foraging Honeybees: Lab Project Number: E 370 1359-8: 110046. Unpublished study prepared by Bayer AG. 29 p.  |
| 45422434 | Maus, C.; Schoning, R. (2001) Effect of Diet (Sugar Solution) spiked with TI 435 Technical on Behaviour and Mortality of Honey Bees (Apis mellifera) and on the Weight Development of Bee Colonies Under Field Conditions: Lab Project Number: E370 1911-2: 110294. Unpublished study prepared by Bayer AG. 52 p.  |
| 45422435 | Scott-Dupree, C.; Spivak, M.; Bruns, G. et al. (2001) The Impact of GAUCHO and TI-435 Seed-Treated Canola on Honey Bees, Apis mellifera L: Lab Project Number: 110403. Unpublished study prepared by University of Guelph, University of Minnesota, and Enviro-Test Laboratories. 131 p.  |
| 45422436 | Maus, C.; Schoning, R. et al. (2001) Residue Levels of TI-435 FS 600 and its Relevent Metabolites in Nectar, Blossoms, and Pollen of Summer Rape from Dressed Seeds and Effects of These Residues on Foraging Honeybees (Test Location: Farmland Laacher Hof): Lab Project Number: 110295: E 319 1839-4. Unpublished study prepared by Bayer AG. 34 p.  |
| 45422437 | Maus, C.; Schoning, R. et al. (2001) Residue Levels of TI-435 FS 600 and its Relevant Metabolites in Nectar, Blossoms, and Pollen of Summer Rape from Dressed Seeds and Effects of These Residues on Foraging Honeybees (Test Location: Farmland Hofchen): Lab Project Number: E319 1836-1: 110177. Unpublished study prepared by Bayer AG. 36 p.  |
| 45422440 | Maus, C.; Schoning, R. et al. (2001) Effects of TI-435 Technical Residues in Pollen on the Development of Small Bee Colonies and on Behavior and Mortality of Honey Bees: Lab Project Number: E319 1833-8: 110059. Unpublished study prepared by Bayer AG. 60 p.  |

**141-2       Honey bee residue on foliage**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45490702 | Mayer, D. (2000) V-10066: Honey Bee (Apis mellifera L.) Toxicity of V-10066 Residues on Foliage: Lab Project Number: 99-005: TMN-0215: V-99-21346. Unpublished study prepared by The Bee Group. 82 p. {OPPTS 850.3030}  |

**141-4       Honey Bee Subacute Dietary Toxicity**

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| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45422427 | Wilkins, P. (2000) TI-435 Metabolite TMG: Acute Oral Toxicity to Honey Bees (Apis mellifera): Lab Project Number: GQ3201: 110054. Unpublished study prepared by Central Science Laboratory. 39 p.  |
| 45422428 | Wilkins, P. (2000) TI-435 Metabolite MNG: Acute Oral Toxicity to Honey Bees (Apis mellifera): Lab Project Number: GQ3203: 110056. Unpublished study prepared by Central Science Laboratory. 40 p.  |
| 45422429 | Wilkins, P. (2000) TI-435 Metabolite TZMU: Acute Oral Toxicity to Honey Bees (Apis mellifera): Lab Project Number: GQ3202: 110055. Unpublished study prepared by Central Science Laboratory. 39 p.  |
| 45422430 | Wilkins, P. (2000) TI-435 Metabolite TZMG: Acute Oral Toxicity to Honey Bees (Apis mellifera): Lab Project Number: GQ3204: 110057. Unpublished study prepared by Central Science Laboratory. 42 p.  |

**142-1       Acute Toxicity to Aquatic Insects**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45422414 | Mattock, S. (2001) TI-435: Comparison Acute Toxicity Test of Chironomus riparius with TZMU, MU, TZNG and MNG: Lab Project Number: 586/218: 110171. Unpublished study prepared by Covance Laboratories Ltd. 52 p. {OPPTS 850.1790}  |
| 45422415 | Hendel, B. (2000) Acute Toxicity of Leachate Water Samples of a Lysimeter Study on TI 435 (Lysimeter 17, 18, and 24, sampling time 05/99) to Chironomus riparius: Lab Project Number: E416 1816-7: 110401. Unpublished study prepared by Bayer AG. 18 p.  |
| 45422416 | Hendel, B. (2000) Acute Toxicity of Leachate Water Samples of a Lysimeter Study on TI 435 (Year Sample of Lysimeter 17 and 18 from the 3rd Test Year) to Chironomus riparius: Lab Project Number: E 416 1967-4: 110182. Unpublished study prepared by Bayer AG. 20 p.  |

**161-1       Hydrolysis**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45422317 | Lewis, C. (2000) (Carbon 14)TI-435: Hydrolytic Stability: Lab Project Number: 586/140: 110259. Unpublished study prepared by Covance Laboratories Ltd. 100 p.  |
| 47483003 | Dominic, A.; Arthur, E. (2006) Clothianidin: Long-term Hydrolytic Degradation. Project Number: M/267329/02/1, METIX051/1. Unpublished study prepared by Bayer CropScience. 73 p. |

**161-2       Photodegradation-water**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45422318 | Babezinski, P.; Bornatsch, W. (2000) Photolysis of (Nitroimino-Carbon 14)TI-435 and (Thiozolyl-2-Carbon 14) TI-435 in Sterile Aqueous Buffer Solution: Lab Project Number: M 112 0884-4: M 112 0962-1: 110261. Unpublished study prepared by Bayer Ag. 144 p.  |
| 45422319 | Babczinski, P. (2000) Photolysis of TI-435 in Natural US-Water: Lab Project Number: M 112 0992-4: 110262: MR 391/00. Unpublished study prepared by Bayer Ag. 117 p.  |
| 45422320 | Schad, T. (2000) Calculation of Half-lives of TI-435 and its Main Metabolites Generated by Photolysis in Sterile Aqueous Buffer Solution: Lab Project Number: P668 00 6756: 110124: MR-121/00. Unpublished study prepared by Bayer Ag. 28 p.  |
| 45422321 | Schad, T. (2000) Calculation of Half-lives of TI-435 and its Main Metabolites Generated by Photolysis in Natural Water: Lab Project Number: P668 00 6762: 110125: MR-204/00. Unpublished study prepared by Bayer Ag. 27 p.  |
| 45422322 | Hellpointer, E. (1999) Determination of the Quantum Yield and Assessment of the Environmental Half-Life of the Direct Photodegradation of TI-435 in Water: Lab Project Number: M 1430953-5: 110126: MR-360/99. Unpublished study prepared by Bayer, Ag. 31 p.  |

**161-3       Photodegradation-soil**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45422323 | Hellpointer, E. (1999) Photolysis of (Guanidine-Carbon 14) TI-435 on Soil Surface: Lab Project Number: M 113 0881-2: 109868: HPO-175. Unpublished study prepared by Bayer, AG. 57 p.  |

**162-1       Aerobic soil metabolism**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45422325 | Gilges, M. (2000) Aerobic Degradation and Metabolism of TI-435 in Four Soils: Lab Project Number: M 1250854-5: 109869: MR-497/99. Unpublished study prepared by Bayer, AG. 73 p.  |
| 45422326 | Schad, T. (2000) Aerobic Degradation and Metabolism of TI-435 in Six Soils: Lab Project Number: M 1250938-8: 110252: MR-419/99. Unpublished study prepared by Bayer, AG. 86 p.  |
| 45422327 | Dorn, R. (2000) Degradation of (Carbon 14)-MNG, a Degradate of TI-435, in Three Different Soils: Lab Project Number: TAK06: 110123. Unpublished study prepared by Staatliche Lehr-und Forschungsanstalt fur Landwirtschaft. 47 p.  |

**162-3       Anaerobic aquatic metab.**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45422324 | Gilges, M.; Brumhard, B. (2000) Aerobic Degradation and Metabolism of TI-435 in the Water / Sediment System: Lab Project Number: M 1510842-1: 109870: MR 505/99. Unpublished study prepared by Bayer AG. 62 p.  |
| 45422330 | Reddemann, J. (2000) Anaerobic Aquatic Metabolism for the Active Ingredient TI-435: Lab Project Number: M 152 0859-0: 110253: MR 497/2000. Unpublished study prepared by Bayer Ag. 60 p.  |

**162-4       Aerobic aquatic metab.**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45422328 | Hein, W. (2000) Degradation of (Carbon 14)-TZNG, a Degradate of TI-435, in Three Different Soils: Lab Project Number: TAK05: 110122. Unpublished study prepared by Staatliche Lehr-und Forschungsanstalt fur Landwirtschaft. 47 p.  |
| 45422329 | Swales, S. (2000) (Carbon 14)TI-435: Aerobic Aquatic Biotransformation: Lab Project Number: COVANCE-1820/3: 1820/3: BAYER CORP-T5882401. Unpublished study prepared by Covance Laboratories Ltd. 55 p.  |
| 46826903 | Ripperger, R. (2006) [Thiazolyl-2-(Carbon 14)]-Clothianidin: Aerobic Aquatic Metabolism. Project Number: METIX052, 05METIX052. Unpublished study prepared by Sumitomo Chemical Takeda Agro Co., Ltd. 79 p. |

**163-1       Leach/adsorp/desorption**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45422311 | Lewis, C. (2000) (Carbon 14)TI-435: Adsorption/Desorption in Soil: Lab Project Number: 586/139: 110254. Unpublished study prepared by Covance Laboratories Ltd. 123 p.  |
| 45422312 | Stupp, H. (2001) Time Dependent Sorption of TI-435 in Two Different Soils: Lab Project Number: M 1311032-1: 110121: MR 518/2000. Unpublished study prepared by Bayer AG. 53 p.  |
| 45422313 | Dorn, R.; Hein, W. (2000) Adsorption/Desorption of (Carbon 14)-MNG, a Degradate of TI-435, on Five Different Soils: Lab Project Number: TAK02: 110256. Unpublished study prepared by Staatliche Lehr-und Forschungsanstalt fur Landwirtschaft. 51 p.  |
| 45422314 | Mondel, M.; Hein, W. (2000) Adsorption/Desorption of (Carbon 14)-TZNG, a Degradate of TI-435, on Five Different Soils: Lab Project Number: TAK01: 110255. Unpublished study prepared by Staatliche Lehr-und Forschungsanstalt fur Landwirtschaft. 56 p.  |
| 45422315 | Dorn, R.; Hein, W. (2000) Adsorption/Desorption of (Carbon 14)-TZMU, a Degradate of TI-435, on Five Different Soils: Lab Project Number: TAK03: 110257. Unpublished study prepared by Staatliche Lehr-und Forschungsanstalt fur Landwirtschaft. 56 p.  |
| 45422316 | Dorn, R.; Hein, W. (2000) Adsorption/Desorption of (Carbon 14)-TMG, a Degradate of TI-435, on Five Different Soils: Lab Project Number: TAK04: 110258. Unpublished study prepared by Staatliche Lehr-und Forschungsanstalt fur Landwirtschaft. 56 p.  |
| 45422508 | Stupp, H. (2001) Degradation and Translocation Behavior of the Insecticide TI-435 in a Lysimeter under Field Conditions: Lab Project Number: M 133 0848-7: 110128. Unpublished study prepared by Bayer AG. 87 p.  |

**164-1       Terrestrial field dissipation**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45422331 | Stupp, H. (2001) Degradation and Translocation Behavior of the Insecticide Active Ingredient TI-435 Under Field Conditions in a Lysimeter (Autumn Application): Lab Project Number: M 133 0802-7: 110127: MR 051/01. Unpublished study prepared by Bayer AG. 88 p.  |
| 45422332 | Dyer, D.; Cassidy, P.; Wiedmann, J. (2001) TI-435-Terrestrial Field Dissipation Study, Wisconsin, 1998: Lab Project Number: AGSTAT-CR9801: CR9801: RICERCA-7576-98-0090. Unpublished study prepared by Agstat, Ricerca, LLC., Bayer Corporation, and A & L Great Lakes Laboratory, Inc. 153 p.  |
| 45422333 | Dyer, D.; Cassidy, P.; Wiedmann, J. (2001) TI-435-Terrestrial Field Dissipation Study, Ohio, 1998: Lab Project Number: T5022102: AG CONSULTANTS-T5022102. Unpublished study prepared by Ag Consultants Inc., Ricerca, LLC., Bayer Corporation, A & L Great Lakes Laboratory, Inc. 145 p.  |
| 45422334 | Dyer, D.; Cassidy, P.; Wiedmann, J. (2001) TI-435-Terrestrial Field Dissipation Study, North Dakota, 1998: Lab Project Number: T5022103: AGVISE-AGV98061: AGV98061. Unpublished study prepared by Agvise Research, Ricerca, LLC., Bayer Corporation, and A & L Great Lakes Laboratory, Inc. 132 p.  |
| 45422335 | Cassidy, P.; Wiedmann, J.; Lenz, M. (2001) TI-435-Terrestrial Field Dissipation Study, Ontario, Canada, 1998: Lab Project Number: F98675-001: T5022104: VAUGHN-98BAY01. Unpublished study prepared by Vaughn Agricultural Research, Ricerca LLC, Bayer Corporation, and A & L Great Lakes Laboratory, Inc. 140 p.  |
| 45422336 | Cassidy, P.; Wiedmann, J.; Lenz, M. (2001) TI-435-Terrestrial Field Dissipation Study, Saskatchewan, Canada, 1998: Lab Project Number: T5022105: AG-QUEST-T5022105: RICERCA-7584-980086. Unpublished study prepared by Ag-Quest, Ricerca, LLC, Bayer Corporation, and A & L Great Lakes Laboratory, Inc. 156 p.  |
| 45422601 | Schramel, O. (1999) Residue Analytical Method 00521 (MR-343/98) for Determination of TI-435 and the Metabolites TZNG, TXMU, MNG and TMG in Soil by Liquid Chromatography with Electrospray MS/MS-Detection: Lab Project Number: P60180012: 109586: MR-343/98. Unpublished study prepared by Bayer AG. 85 p.  |
| 45422602 | Cassidy, P.; Li, Y.; Dyer, D. (2001) Analytical Method for the Determination of TI-435 and the Degradates, TZNG, TZMU, MNG and TMG in Soil by Liquid Chromatogrpahy with APCI MS/MS-Detection: Lab Project Number: 13166-1: 110263. Unpublished study prepared by Ricerca, LLC. 38 p.  |
| 45422603 | Leimkuehler, W. (2001) Independent Laboratory Validation of Bayer Report Number 110263 for the Determination of TI-435 and the Degradates, TZNG, TZMU, MNG and TMG in Soil by High-Performance Liquid Chromatography Tandem Mass Spectrometry (HPLC/MS/MS): Lab Project Number: T5112102: 110275. Unpublished study prepared by Bayer Corporation. 46 p.  |
| 45422604 | Babczinski, P.; Schramel, O. (2000) Radiovalidation of the TI-435 Soil Residue Analytical Method: Lab Project Number: P67190015: 110274: PF-E/MR(Supplement). Unpublished study prepared by Bayer AG. 59 p.  |
| 45422605 | Cassidy, P. (2001) Independent Laboratory Validation of Bayer Report Number 109586 for the Determination of TI-435 and the Degradates TZNG, TZMU, MNG and TMG, in Soil by High-Performance Liquid Chromatography Tandem Mass Spectrometry (HPLC/MS/MS): Lab Project Number: T5112101: 011240-01: 110251. Unpublished study prepared by Bayer Corporation and Ricerca LLC. 18 p.  |
| 45422612 | Schramel, O. (2000) Determination of the Storage Stability of TI-435 and of the Metabolites TZNG, TZMU, TMG, and MNG in Soil-Interim Report (Supplement): Lab Project Number: P 64190023: 110260. Unpublished study prepared by Bayer AG. 61 p.  |
| 45490703 | Cassidy, P. (2001) TI-435--Terrestrial Field Dissipation Study, California 1998: Lab Project Number: 98.322: 7572-98-0092: F98908-001. Unpublished study prepared by Plant Sciences, Inc. and Ricerca, LLC. 135 p.  |
| 45490704 | Cassidy, P. (2001) TI-435--Terrestrial Field Dissipation Study, Washington 1998: Lab Project Number: QAL 98-54: 7570-98-0093: TMN-0155. Unpublished study prepared by Qualls Agricultural Laboratory and Ricerca, LLC. 130 p.  |
| 45490705 | Cassidy, P. (2001) TI-435--Terrestrial Field Dissipation Study, Gerogia 1998: Lab Project Number: 7574-98-0091-CR: F98845-001: 98-051. Unpublished study prepared by Research Options, Inc. and Ricerca, LLC. 138 p.  |
| 45708701 | Carringer, S. (2002) Terrestrial Field Soil Dissipation of TM-44401 in Established Turf in Illinois: Final Study Report: Lab Project Number: V-99-21194: 11027-1: RM-39V. Unpublished study prepared by Ricerca, LLC. 432 p.  |
| 45708702 | Carringer, S. (2002) Terrestrial Field Soil Dissipation of TM-44401 in Established Turf in Mississippi: Final Study Report: Lab Project Number: V-99-21186: 11028-1: RM-39V. Unpublished study prepared by Ricerca, LLC. 438 p.  |

**164-3       Forest field dissipation**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45422508 | Stupp, H. (2001) Degradation and Translocation Behavior of the Insecticide TI-435 in a Lysimeter under Field Conditions: Lab Project Number: M 133 0848-7: 110128. Unpublished study prepared by Bayer AG. 87 p.  |

**165-1       Confined rotational crop**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45422618 | Ishii, Y. (2000) Confined Rotational Crop Study with TI-435: Lab Project Number: M 1300846-2: 110488. Unpublished study prepared by Bayer AG. 128 p. {OPPTS 860.1850}  |

**165-2       Field rotational crop**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45422619 | Duah, F. (2001) TI-435 600 FS Magnitude of the Residue in Field Rotational Crops: Lab Project Number: T519RC01: T519RC02: T519RC03. Unpublished study prepared by Bayer Corporation and Gustafson Research and Development Center. 537 p. {OPPTS 860.1900}  |
| 45422620 | Duah, F. (2001) TI-435 600 FS Magnitude of the Residue in Field Rotational Crops: Lab Project Number: 109880-1: T519RC01: T519RC02. Unpublished study prepared by Bayer Corporation. 183 p. {OPPTS860.1900}  |

**166-1       Ground water-small prospective**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45422337 | Weber, H. (2000) Enforcement Method 00659 for the Determination of the Residues of TI-435 in Drinking and Surface Water: Lab Project Number: BAY-0009V: AZ. GOO-0065: 110264. Unpublished study prepared by Chemische Laboratorien GmbH. 41 p.  |

**166-2       Ground water-small retrospective**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45422832 | Fisher, J. (2001) TI-435 Water Resources Exposure and Drinking Water Risk Assessment: Lab Project Number: 110476. Unpublished study prepared by Bayer Corporation. 25 p.  |

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

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46027101 | Concha, M. (2003) Identification of the Pyrolysis Products of (Ni-(Carbon 14)) TM-444 in Cigarette Smoke. Project Number: 1168W/1, 1168W. Unpublished study prepared by PTRL West, Inc. 89 p. |

**171-4B       Residue Analytical Methods**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45422305 | Weber, H. (2000) Enforcement Method 00657 for the Determination of the Residues of TI-435 in Plant Material: Lab Project Number: BAY-0007V: AZ.G00-0063: 110288. Unpublished study prepared by Chemische Laboratorien GmbH. 51 p. {OPPTS 860.1340}  |
| 45422306 | Weber, H. (2000) Enforcement Method 00656 for the Determination of the Residues of TI-435 in Animal Matrices: Lab Project Number: BAY-008V: AZ.G00-0064: 110287. Unpublished study prepared by Chemische Laboratorien GmbH. 46 p. {OPPTS 860.1340}  |
| 45422536 | Nublein, F. (1999) Residue Analytical Method 00552 for the Determination of TI 435 in Plant Materials by LC-MS/MS: Lab Project Number: P 612 8 2015: 109240. Unpublished study prepared by Bayer AG. 87 p. {OPPTS 860.1340}  |
| 45422537 | Nublein, F. (2000) Modification M001 of the Method 00552 for the Determination of Residues of TI 435 in/on Plant Materials: Lab Project Number: P 612 9 2031: 109240-1. Unpublished study prepared by Bayer AG. 22 p. {OPPTS 860.1340}  |
| 45422539 | Perez, R. (2000) Independent Laboratory Validation of Analytical Method 109240 Residue Analytical Method 00552 for the Determination of TI-435 in Plant Mterials by LC-MS/MS: Lab Project Number: TI 111601: 110158. Unpublished study prepared by ADPEN Laboratories. 64 p. {OPPTS 860.1340}  |
| 45422540 | Haas, M. (2000) Extraction Efficiency Testing of the Residue for the Determination of TI-435 Residues in Corn and in Apple Using Aged Radioactive Residues: Lab Project Number: 110268: M 9991047-9. Unpublished study prepared by Bayer AG. 49 p.  |
| 45422606 | NuBein, F. (2000) Validation of the Residue Analytical Method 00624 for the Determination of TI-435, TZG, TZU, PTMG (pyruvate) in Animal Materials by HPLC-MS/MS: Lab Project Number: P 612 00 2033: 109793: 00624. Unpublished study prepared by Bayer AG. 221 p. {OPPTS 860.1340}  |
| 45422607 | Gould, T.; Murphy, I. (2001) Additional Validation Data for the Analytical Residue Method for the Detection of TI-435, TZG, TZU, and PTMG Residues in Animal Matrices: Lab Project Number: 109793-1. Unpublished study prepared by Bayer Corporation. 19 p. {OPPTS 860.1340}  |
| 45422608 | Wehrman, J. (2000) Independent Laboratory Validation of TI-435 Animal Method Entitled, Validation of the Residue Analytical Method 00624 for the Determination of TI-435, TZG, TZU, and PTMG Residues in Animal Materials by HPLC-MS/MS: Lab Project Number: T5110201: 109747. Unpublished study prepared by ABC Laboratories, Inc. 73 p. {OPPTS 860.1340}  |
| 45422609 | Ishii, Y. (2000) Extraction Efficiency Testing of the Residue Method for the Determination of TI-435 Residues in Animal Tissues Using Aged Radioactive Residues: Lab Project Number: M 9991036-7: 110273. Unpublished study prepared by Bayer AG. 54 p. {OPPTS 860.1340}  |
| 45422610 | Conrath, B. (2000) Multiresidue Method Testing for TI-435, MNG, ATMG-Pyr, TZG, TZNG, and TZU According to PAM I, Appendix II, as Updated January 1994: Lab Project Number: T5162301: 109748. Unpublished study prepared by ABC Laboratories, Inc. 153 p. {OPPTS 860.1360}  |

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

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45416311 | McFadden, P. (2001) Determination of Residues of GUS 7025-01 in Canola: Lab Project Number: 0004019: ADPEN-MI-0004019-1001. Unpublished study prepared by Gustafson Research and Development Center and Adpen Labs., Inc. 505 p. {OPPTS 860.1500}  |
| 45422425 | Hancock, G.; Gould, T. (2001) TI-435 Residue Levels in Corn Seeds and Seedlings: Lab Project Number: T519CO03: 110162. Unpublished study prepared by Bayer Corporation. 98 p.  |
| 45422611 | NuBlein, F. (2001) Determination of the Storage Stability of TI-435 Residues in Fortified Analytical Samples of Plant Materials: Lab Project Number: P 64282021: 109734: MR-545/00. Unpublished study prepared by Bayer AG. 75 p. {OPPTS 860.1380}  |
| 45422614 | Duah, F. (2000) TI-435 600 FS Magnitude of the Residue in Field, Pop, and Sweet Corn: Lab Project Number: T519CO01: 109724. Unpublished study prepared by Bayer Corporation and ADPEN Laboratories, INc. 341 p. {OPPTS 860.1500}  |
| 45422615 | Duah, F. (2000) TI-435 600 FS Magnitude of the Residue in Canola: Lab Project Number: T519CN01: 109879: BAY-T5028-99H. Unpublished study prepared by Bayer Corporation ADPEN Laboratories, INc. 235 p. {OPPTS 860.1500}  |
| 45422616 | Hamblin, P. (2001) Determination of Residues of TI-435 (Clothianidin) Residue in Canola Following the Application of TI-435 600 FS as a Seed Dressing Forbes, NSW.2000(Supplement): Lab Project Number: PJH 337/01: 110587. Unpublished study prepared by Bayer Australia and Amdel Ltd. 28 p. {OPPTS 860.1500}  |
| 45422617 | Macleod, S. (2001) Determination of Residues of TI-435 600 FS in Pinnacle Canola Maracoorte. SA. 2000(Supplement): Lab Project Number: SCM 328/01: 110588: 00/3319. Unpublished study prepared by Bayer Australia and Amdel Ltd. 32 p. {OPPTS 860.1500}  |
| 45480402 | Stearns, J. (2001) Magnitude of the Residues of Clothianidin in Apples and Apple Processing Products: Lab Project Number: V12016: TMN-0283. Unpublished study prepared by Valent U.S.A. Corp. 276 p. {OPPTS 860.1500 and 860.1520}  |
| 45480403 | Stearns, J. (2001) Magnitude of the Residues of Clothianidin in Pears: Amended Report: Lab Project Number: V12097: TMN-0307. Unpublished study prepared by Valent U.S.A. Corp. 161 p. {OPPTS 860.1500}  |

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

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| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45422431 | Schmuck, R.; Schoning, R. (2000) Residues of TI 435 in Nectar. Blossoms, Pollen and Honey Bees Sampled from a Summer Rape Field in Sweden and Effects of These Residues on Foraging Honeybees: Lab Project Number: E370 1361-1: 110282. Unpublished study prepared by Bayer AG. 30 p.  |
| 45422432 | Schmuck, R.; Schoning, R. (2000) Residues of TI 435 in Nectar. Blossoms, Pollen and Honey Bees Sampled from a British Summer Rape Field and Effects of These Residues on Foraging Honeybees: Lab Project Number: E 370 1657-6: 110024. Unpublished study prepared by Bayer AG. 31 p.  |
| 45422433 | Schmuck, R.; Schoning, R. (2000) Residues of TI 435 in Nectar. Blossoms, Pollen and Honey Bees Sampled from a French Summer Rape Field and Effects of These Residues on Foraging Honeybees: Lab Project Number: E 370 1359-8: 110046. Unpublished study prepared by Bayer AG. 29 p.  |
| 45422436 | Maus, C.; Schoning, R. et al. (2001) Residue Levels of TI-435 FS 600 and its Relevent Metabolites in Nectar, Blossoms, and Pollen of Summer Rape from Dressed Seeds and Effects of These Residues on Foraging Honeybees (Test Location: Farmland Laacher Hof): Lab Project Number: 110295: E 319 1839-4. Unpublished study prepared by Bayer AG. 34 p.  |
| 45422437 | Maus, C.; Schoning, R. et al. (2001) Residue Levels of TI-435 FS 600 and its Relevant Metabolites in Nectar, Blossoms, and Pollen of Summer Rape from Dressed Seeds and Effects of These Residues on Foraging Honeybees (Test Location: Farmland Hofchen): Lab Project Number: E319 1836-1: 110177. Unpublished study prepared by Bayer AG. 36 p.  |
| 45422438 | Maus, C.; Schoning, R. et al. (2001) Residue Levels of TI-435 FS 600 and its Relevant Metabolites in Pollen of Maize Plants from Dressed Seeds (Test Location: Farmland Laacher Hof): Lab Project Number: E319 1840-: 110023. Unpublished study prepared by Bayer AG. 30 p.  |
| 45422439 | Maus, C.; Schoning, R. et al. (2001) Residue Levels of TI-435 FS 600 and its Relevant Metabolites in Pollen of Maize Plants from Dressed Seeds (Test Location: Farmland Hofchen): Lab Project Number: E319 1835-0: 110048. Unpublished study prepared by Bayer AG. 30 p.  |
| 45422527 | Ishii, Y. (2000) Metabolism of TI-435 in Corn: Lab Project Number: M 1730847-0: 109881. Unpublished study prepared by Bayer AG. 109 p. {OPPTS 860.1300}  |
| 45422528 | Ishii, Y. (2000) Metabolism of (Thiazolyl-2-(Carbon 14)) in Corn (Second-Label Study): Lab Project Number: M 1730966-2: 109741. Unpublished study prepared by Bayer AG. 104 p. {OPPTS 860.1300}  |
| 45422529 | Langford-Pollard, A. (2000) (Nitroimino-(Carbon 14)) TI-435 Sugar Beet Metabolism Seed Treatment: Lab Project Number: 110269. Unpublished study prepared by Huntingdon Life Sciences, Ltd. 172 p. {OPPTS 860.1300}  |
| 45422530 | Ishii, Y. (2000) Metabolism of TI-435 in Tomatoes Using a GR Formulation: Lab Project Number: M1730871-7: 109598. Unpublished study prepared by Bayer AG. 43 p. {OPPTS 860.1300}  |
| 45422531 | Ishii, Y. (1998) Metabolism of TI-435 in Tomatoes Using a SC Formulation: Lab Project Number: M 1730870-6: 107928. Unpublished study prepared by Bayer Corporation and Bayer AG. 45 p. {OPPTS 860.1300}  |
| 45422532 | Babczinski, P. (1999) Metabolism of TI-435 in Apples Part 1 of 2: Apple Fruits: Lab Project Number: M 1730845-8: 109733. Unpublished study prepared by Bayer AG. 63 p. {OPPTS 860.1330}  |
| 45422533 | Babczinski, P. (1999) Metabolism of TI-435 in Apples Part 2 of 2: Apple Leaves: Lab Project Number: M 1730845-8: 109733-1. Unpublished study prepared by Bayer AG. 69 p. {OPPTS 860.1300}  |
| 45422534 | Spiegel, K.; Weber, H. (2000) (Nitroimino-(Carbon 14))TI-435 Absorption, Distribution, Excretion, and Metabolism in the Lactating Goat: Lab Project Number: M01819083: 110267. Unpublished study prepared by Bayer AG. 248 p. {OPPTS 860.1300}  |

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

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| **MRID** | **Citation Reference** |
|  |  |
| 45422613 | NuBlein, F.; Auer, S. (2000) TI-435 Dairy Cattle Feeding Study: Lab Project Number: P 673002035: 110489: MR-385/00. Unpublished study prepared by Bayer AG. 446 p. {OPPTS 860.1480}  |

**201-1       Droplet size spectrum**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45490701 | Hewitt, A. (2001) Orchard Airblast Atomization Droplet Size Spectra for V-10066/TI-435 50 WDG: Lab Project Number: V00-22832: TMN-0244. Unpublished study prepared by Stewart Agricultural Research Services, Inc. 50 p.  |

**231       Est. Dermal Exposure - Outdoors**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45422829 | Standart, V.; CIH, M. (2001) Evaluation of Exposure to TI-435 of Workers Who Treat and Plant TI-435 Treated Corn Seed: Lab Project Number: 109901. Unpublished study prepared by Bayer Corporation. 13 p.  |

**810.1000       Overview, Definitions, and General Considerations**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 48677212 | Zhai, J. (2011) Laboratory Evaluation of Knockdown and Kill Efficacy of Six Formulations as Residual Deposites Against Susceptible and Pyrethroid-resistant Bed Bugs, Cimex lectularius: Final Report. Project Number: MC261109 S11/00878. Unpublished study prepared by Eurofins-AgroSciences Services, Inc. 131p. |
| 48677213 | Zhai, J. (2011) Laboratory Evaluation of Knockdown and Kill Efficacy of Six Formulations as Direct Spray Against Susceptible and Pyrethroid-resistant Bed Bug Eggs, Cimex lectularius: Final Report. Project Number: MC261117 S11/02238. Unpublished study prepared by Eurofins-AgroScience Services, Inc. 89p. |
| 48677214 | Zhai, J. (2011) Laboratory Evaluation of Knockdown and Kill Efficacy of Six Formulations as Direct Spray Against Pyrethroid-resistant Jersey City-strain Bed Bugs, Cimex lectularius: Final Report. Project Number: S11/02603 MC261118. Unpublished study prepared by Eurofins-Agrisearch Americas, Inc. 92p. |
| 48677215 | Zhai, J. (2011) Laboratory Evaluation of Knockdown and Kill Efficacy of Seven Formulations as Residual Deposits Against Pyrethroid-resistant Jersey City-strain Bed Bugs, Cimex lectularius: Final Report. Project Number: S11/02604 MC261119. Unpublished study prepared by Eurofins-AgroScience Services, Inc. 160p. |
| 48677216 | Zhai, J. (2011) GLP Laboratory Evaluation of Knockdown and Kill Efficacy of Four Formulations as Direct Spray Against Pyrethroid-resistant Winston-Salem-strain Bed Bugs, Cimex lectularius: Final Report. Project Number: S11/02605 MC261121. Unpublished study prepared by Eurofins-AgroScience Services, Inc. 74p. |
| 48677217 | Zhai, J. (2011) GLP Laboratory Evaluation of Knockdown and Kill Efficacy of Four Formulations as Residual Deposits Against Pyrethroid-resistant Winston-Salem-strain Bed Bugs, Cimex lectularius: Final Report. Project Number: S11/02606 MC261122. Unpublished study prepared by Eurofins-AgroSciences Services, Inc. 110p. |
| 49041502 | Hu, X. (2012) Residual Efficacy of ESD-02 Applied on Mattress Fabric against Susceptible and Pyrethroid-Resistant Bed Bugs, Cimex lectularius: Final Report. Project Number: S12/04237, MC061254. Unpublished study prepared by Eurofins-Agroscience Services, Inc. 35p. |
| 49338601 | Saenz, V. (2014) Residual Efficacy of ESD-02(Crossfire) Applied at a Regular Rate on Mattress Fabric Against Susceptible and Pyrethroid Resistant Bed Bugs, Cimex lectularius. Project Number: MGK004/14, S12/04458, MC061261. Unpublished study prepared by Eurofins-Agroscience Services, Inc. 53p. |
| 49338602 | Saenz, V. (2014) Residual Efficacy of ESD-02 (Crossfire) Formulation Applied at a Regular Rate on Unpainted Wood Against Susceptible and Pyrethroid Resistant Bed Bugs, Cimex lectularius. Project Number: MGK005/14, S12/04238, MC061255. Unpublished study prepared by Eurofins-Agroscience Services, Inc. 57p. |
| 49419201 | Saenz, V. (2014) Residual Efficacy of ESD-02(Crossfire) Formulation Applied at a Regular Rate on Unpainted Wood Against Susceptible and Pyrethroid Resistant Bedbugs, Cimex lectularius. Project Number: MCO61255, S12/04238. Unpublished study prepared by Eurofins-Agroscience Services, Inc. 66p. |
| 49419202 | Saenz, V. (2014) Residual Efficacy of ESD-02 (Crossfire) Applied at a Regular Rate on Mattress Fabric Against Susceptible and Pyrethroid Resistant Bed Bugs, Cimex lecularius: Final Report. Project Number: MC061261, S12/04458. Unpublished study prepared by Eurofins-Agroscience Services, Inc. 59p. |
| 49551603 | Lawrence, J. (2013) Direct Spray of VBC3 against Cat Fleas (Cetnocephalides felis), Brown Dog Ticks (Rhipicephalus sanguineus) and Earwigs (Forficula auricularia): Final Report. Project Number: MC061217, S12/02174. Unpublished study prepared by Eurofins-Agroscience Services Inc. 77p. |
| 49551604 | Hu, X. (2012) Direct Spray of VBC3 Aerosol against Carpenter Ants, German and American Cockroaches: Final Report. Project Number: MC231223, S12/02367. Unpublished study prepared by Eurofins-Agroscience Services Inc. 36p. |
| 49551605 | Wicker, N. (2013) Residual Efficacy of ESD-02 on Porous (Unpainted Wood) and Non-Porous (Ceramic Tile) Surfaces against German Cockroaches, Blattella germanica: Final Report. Project Number: MC061206, S12/00218. Unpublished study prepared by Eurofins-Agroscience Services Inc. 155p. |
| 49787914 | Wicker, N. (2013) Laboratory Evaluation of Knockdown and Kill Efficacy of Two Fly Bait Formulations Against Susceptible and Imidacloprid-Resistant House Flies (Musca domestica). Project Number: S13/02600. Unpublished study prepared by Eurofins-Agroscience Services Inc. 81p. |
| 49787917 | Darmo, L.; Wicker, N, (2012) Laboratory Evaluation of Experimental Fly Bait. Project Number: S11/02992. Unpublished study prepared by Eurofins-Agroscience Services Inc. 50p. |

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

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45422834 | Macleod, S.; Hamblin, P. (2001) Efficacy of TI-435 in Canola (Australia): Lab Project Number: 110711: SCM 323/00. Unpublished study prepared by Bayer Australia Ltd.. 53 p.  |
| 48677212 | Zhai, J. (2011) Laboratory Evaluation of Knockdown and Kill Efficacy of Six Formulations as Residual Deposites Against Susceptible and Pyrethroid-resistant Bed Bugs, Cimex lectularius: Final Report. Project Number: MC261109 S11/00878. Unpublished study prepared by Eurofins-AgroSciences Services, Inc. 131p. |
| 48677213 | Zhai, J. (2011) Laboratory Evaluation of Knockdown and Kill Efficacy of Six Formulations as Direct Spray Against Susceptible and Pyrethroid-resistant Bed Bug Eggs, Cimex lectularius: Final Report. Project Number: MC261117 S11/02238. Unpublished study prepared by Eurofins-AgroScience Services, Inc. 89p. |
| 48677214 | Zhai, J. (2011) Laboratory Evaluation of Knockdown and Kill Efficacy of Six Formulations as Direct Spray Against Pyrethroid-resistant Jersey City-strain Bed Bugs, Cimex lectularius: Final Report. Project Number: S11/02603 MC261118. Unpublished study prepared by Eurofins-Agrisearch Americas, Inc. 92p. |
| 48677215 | Zhai, J. (2011) Laboratory Evaluation of Knockdown and Kill Efficacy of Seven Formulations as Residual Deposits Against Pyrethroid-resistant Jersey City-strain Bed Bugs, Cimex lectularius: Final Report. Project Number: S11/02604 MC261119. Unpublished study prepared by Eurofins-AgroScience Services, Inc. 160p. |
| 48677216 | Zhai, J. (2011) GLP Laboratory Evaluation of Knockdown and Kill Efficacy of Four Formulations as Direct Spray Against Pyrethroid-resistant Winston-Salem-strain Bed Bugs, Cimex lectularius: Final Report. Project Number: S11/02605 MC261121. Unpublished study prepared by Eurofins-AgroScience Services, Inc. 74p. |
| 48677217 | Zhai, J. (2011) GLP Laboratory Evaluation of Knockdown and Kill Efficacy of Four Formulations as Residual Deposits Against Pyrethroid-resistant Winston-Salem-strain Bed Bugs, Cimex lectularius: Final Report. Project Number: S11/02606 MC261122. Unpublished study prepared by Eurofins-AgroSciences Services, Inc. 110p. |
| 49041502 | Hu, X. (2012) Residual Efficacy of ESD-02 Applied on Mattress Fabric against Susceptible and Pyrethroid-Resistant Bed Bugs, Cimex lectularius: Final Report. Project Number: S12/04237, MC061254. Unpublished study prepared by Eurofins-Agroscience Services, Inc. 35p. |
| 49338601 | Saenz, V. (2014) Residual Efficacy of ESD-02(Crossfire) Applied at a Regular Rate on Mattress Fabric Against Susceptible and Pyrethroid Resistant Bed Bugs, Cimex lectularius. Project Number: MGK004/14, S12/04458, MC061261. Unpublished study prepared by Eurofins-Agroscience Services, Inc. 53p. |
| 49338602 | Saenz, V. (2014) Residual Efficacy of ESD-02 (Crossfire) Formulation Applied at a Regular Rate on Unpainted Wood Against Susceptible and Pyrethroid Resistant Bed Bugs, Cimex lectularius. Project Number: MGK005/14, S12/04238, MC061255. Unpublished study prepared by Eurofins-Agroscience Services, Inc. 57p. |
| 49419201 | Saenz, V. (2014) Residual Efficacy of ESD-02(Crossfire) Formulation Applied at a Regular Rate on Unpainted Wood Against Susceptible and Pyrethroid Resistant Bedbugs, Cimex lectularius. Project Number: MCO61255, S12/04238. Unpublished study prepared by Eurofins-Agroscience Services, Inc. 66p. |
| 49419202 | Saenz, V. (2014) Residual Efficacy of ESD-02 (Crossfire) Applied at a Regular Rate on Mattress Fabric Against Susceptible and Pyrethroid Resistant Bed Bugs, Cimex lecularius: Final Report. Project Number: MC061261, S12/04458. Unpublished study prepared by Eurofins-Agroscience Services, Inc. 59p. |
| 49551603 | Lawrence, J. (2013) Direct Spray of VBC3 against Cat Fleas (Cetnocephalides felis), Brown Dog Ticks (Rhipicephalus sanguineus) and Earwigs (Forficula auricularia): Final Report. Project Number: MC061217, S12/02174. Unpublished study prepared by Eurofins-Agroscience Services Inc. 77p. |
| 49787912 | Donahue, W. (2011) Evaluation of the Efficacy of Three Granula Baits for the Control of Naturally Occurring Infestations of House Flies (Musca domestica) on Livestock Facilities in California. Project Number: VBS10/1A. Unpublished study prepared by Sierra Research Laboratories, Inc. 63p. |
| 49787917 | Darmo, L.; Wicker, N, (2012) Laboratory Evaluation of Experimental Fly Bait. Project Number: S11/02992. Unpublished study prepared by Eurofins-Agroscience Services Inc. 50p. |

**810.3100       Soil treatments for imported fire ants**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 48174001 | Houseworth, D. (2010) Efficacy of Broadcast Applications of Aloft SC and Aloft G for Control of the Red Imported Fire Ant. Project Number: WAH2010001. Unpublished study prepared by Arysta LifeScience North America, LLC . 40 p. |
| 48632201 | Houseworth, L. (2011) Efficacy of Broadcast Applications of ALOFT SC Formulations for Control of the Red Imported Fire Ant. Project Number: WAH2011001. Unpublished study prepared by Arysta LifeScience North America, LLC . 12p. |
| 49142101 | Houseworth, L. (2013) Efficacy of Broadcast Applications of ALOFT® G Formulations (Biodac 12/30 Carrier) for Control of the Imported Red Fire Ant. Project Number: RCA2013001/OCR. Unpublished study prepared by Arysta LifeScience North America, LLC. 26p. |
| 50282601 | Strange-George, J. (2017) Laboratory Bioassy to Assess the Efficacy of Various Concentrations of a Clothianidin and Nylar Formulation in a Direct Spray Application. Unpublished study prepared by McLaughlin Gormley King Company. 8p. |

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

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 48174002 | Houseworth, D. (2010) Efficacy of Aloft SC and Aloft G for Control of Ticks. Project Number: WAH2010002. Unpublished study prepared by Arysta LifeScience North America, LLC . 21 p. |

**810.3500       Premises treatments**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 49072101 | Reid, B. (2013) Product Performance: Laboratory and Field Efficacy Testing for BES0600 Insecticide. Project Number: M/453208/01/1, NE/SH/120716, MO/ES/05608. Unpublished study prepared by Bayer CropScience and Bayer Australian, Ltd. 125p. |
| 49551604 | Hu, X. (2012) Direct Spray of VBC3 Aerosol against Carpenter Ants, German and American Cockroaches: Final Report. Project Number: MC231223, S12/02367. Unpublished study prepared by Eurofins-Agroscience Services Inc. 36p. |
| 49551605 | Wicker, N. (2013) Residual Efficacy of ESD-02 on Porous (Unpainted Wood) and Non-Porous (Ceramic Tile) Surfaces against German Cockroaches, Blattella germanica: Final Report. Project Number: MC061206, S12/00218. Unpublished study prepared by Eurofins-Agroscience Services Inc. 155p. |
| 49561611 | Suranyi, R. (2015) Laboratory Efficacy Evaluation of X-7472-14 against German Cockroaches, Blatella germanica: Final Report. Project Number: 14027. Unpublished study prepared by McLaughlin Gormley King Company. 30p. |
| 49561612 | Hostetler, J. (2015) Laboratory Bioassay to Determine the Efficacy of X-7472-14 and F-2976 against Brown Banded and American Cockroaches. Project Number: 14/337. Unpublished study prepared by McLaughlin Gormley King Company. 34p. |
| 49606401 | Buczkowski, G. (2015) Draft Protocol for Study: Efficacy of Various Direct and Residual Sprays against Common Species of Urban Pest Ants. Project Number: MGK/REG/251. Unpublished study prepared by Purdue University. 12p. |
| 49787911 | Lennan, T. (2016) Composition of Efficacy Test Materials: MGK Fly Baits. Project Number: MGK/REG/287. Unpublished study prepared by McLaughlin Gormley King Company. 17p. |
| 49787914 | Wicker, N. (2013) Laboratory Evaluation of Knockdown and Kill Efficacy of Two Fly Bait Formulations Against Susceptible and Imidacloprid-Resistant House Flies (Musca domestica). Project Number: S13/02600. Unpublished study prepared by Eurofins-Agroscience Services Inc. 81p. |
| 49787915 | Kinsey, R. (2015) Laboratory Bioassay to Investigate the Effects of Bait Formulations on Houseflies, Musca domestica. Project Number: 15/059. Unpublished study prepared by McLaughlin Gormley King Company. 80p. |
| 49787916 | Geden, C.; Devine, G. (2012) Pyriproxyfen and House Flies (Diptera: Muscidae): Effects of Direct Exposure and Autodissemination to Larval Habitats. Project Number: 10/1603/ME1226. Unpublished study prepared by McLaughlin Gormley King Company. 11p. |
| 49787918 | Heaven, H. (2016) Resitance Ratios for 381zb and Reichswald Housefly Strains. Project Number: MGK/REG/288. Unpublished study prepared by McLaughlin Gormley King Company. 7p. |
| 50150501 | Williams, J. (2017) Rebuttal to Efficacy DER Dated 11/16/2016 for MGK Formula 3119. Project Number: MGK/REG/303, 432110, 432121. Unpublished study prepared by McLaughlin Gormley King Company. 9p. |
| 50282601 | Strange-George, J. (2017) Laboratory Bioassy to Assess the Efficacy of Various Concentrations of a Clothianidin and Nylar Formulation in a Direct Spray Application. Unpublished study prepared by McLaughlin Gormley King Company. 8p. |
| 50282602 | Strange-George, J. (2017) Laboratory Bioassay to Assess the Efficacy of Clothianidin and Nylar Combination Formulations in a Residual Application against Various Ant Species and German Cockroaches, Blattella germanica. Unpublished study prepared by McLaughlin Gormley King Company. 6p. |
| 50285009 | Buczkowski, G. (2017) Laboratory Study to Determine the Palatibility of the Bait Matrix. Unpublished study prepared by Purdue University - Center for Urban and Industrial Pest Management. 5p. |
| 50285010 | Buczkowski, G. (2017) Efficacy of Gel Bait Formulations Against Common Species of Urban Pest Ants. Unpublished study prepared by Purdue University - Center for Urban and Industrial Pest Management. 10p. |
| 50285011 | Buczkowski, G. (2017) Efficacy of Aged Gel Bait Formulations Against Common Species of Urban Pest Ants. Unpublished study prepared by Purdue University - Center for Urban and Industrial Pest Management. 7p. |
| 50297201 | Strange-George, J. (2017) Bioassay to Assess the Efficacy of Various Concentrations of a Clothianidin and Nylar Formulations for Killing Ant Colonies. Unpublished study prepared by MGK. 6p. |
| 50471901 | Suranyi, R. (2017) Efficacy of Darlex Against Three Strains of Bed Bugs, Cimex Lectularius in a Direct Spray Bioassay. Project Number: 17019. Unpublished study prepared by McLaughlin Gormley King Company. 17p. |
| 50548701 | Williams, J. (2018) Rebuttal to Efficacy DER Dated 1/11/2018 for MGK Formulae 3128, 31281, 3129, 31291. Project Number: 442328, 442333, 442265. Unpublished study prepared byMcLaughlin Gormley King Company. 8p. |
| 50604210 | Parker, R. (2018) Laboratory Bioassy to Assess the Efficacy of Pro Barrier Concentrate (Clothianidin and Nylar) Formulation in a Direct Spray Application. Project Number: STD00313, 17/420/A. Unpublished study prepared by i2LResearch, Ltd. 25p. |
| 50604211 | Su, T. (2017) Laboratory Evaluation of Clorhianidin/Nylar Applied as a Direct Spray against Pesticide-Susceptible Musca domestica-Knowckdown and Mortality. Project Number: STD00070, 100817. Unpublished study prepared by Tianyun Su. 11p. |
| 50604212 | Buckzkowski, G. (2017) Laboratory Bioassay to Assess the Efficacy of Pro Barrier Concentrate (Clothianidin and Nylar) Formulation in a Direct Spray Application against Urban Pest Ants. Project Number: STD00093. Unpublished study prepared by Purdue University - Center for Urban and Industrial Pest Management. 22p. |
| 50604213 | Su, T. (2018) Laboratory Evaluation of Pro Barrier Concentrate Applied as Direct Spray against Pesticide Susceptible Aedes aegypti-Knockdown and Mortality. Project Number: STD00072. Unpublished study prepared by Tianyun Su. 8p. |
| 50604214 | Buckzkowski, G. (2018) Laboratory Bioassay to Assess the Efficacy of Pro Barrier Concentrate (Clothianidin and Nylar) Formulation in a Residual Application against Black Carpenter Ants (Camponotus pennsylvanicus) on Various Surfaces Aged In-and Outdoors. Project Number: STD00231. Unpublished study prepared by Purdue University - Center for Urban and Industrial Pest Management. 18p. |
| 50604215 | Buczkowsi, G. (2018) Laboratory Bioassay to Assess the Efficacy of Pro Barrier Concentrate (Clothianidin and Nylar) Formulation in a Residual Application against Several Ant Species on Various Surfaces Aged In-and Outdoors. Project Number: STD00086. Unpublished study prepared by Purdue University - Center for Urban and Industrial Pest Management. 28p. |
| 50604216 | Hostetler, J. (2018) Laboratory Bioassay to Assess the Efficacy of Pro Barrier Concentrate Formulation against Fleas in a Direct Spray Application. Project Number: 17/426, STD00314. Unpublished study prepared by i2L Research USA, Inc. 21p. |
| 50604217 | Hostetler, J. (2018) Laboratory Bioassay to Assess the Efficacy of Pro Barrier Concentrate Formulation against Centipedes in a Direct Spray Application. Project Number: STD00315, 17/427. Unpublished study prepared by i2L Research USA, Inc. 21p. |
| 50604218 | Strange-Geourge, J. (2018) Bioassay to Assess the Efficacay of Pro Barrier Concentrate on German Cockroaches, Blatella germanica. Project Number: STD00312. Unpublished study prepared by McLaughlin Gormley King Company. 15p. |
| 51097802 | George, J. (2020) Palatability Assessment of Vendetta Nitro Formulations Against Two Strains of German Cockroaches. Project Number: 19079. Unpublished Study Prepared by McLaughlin Gormley King Company, D/B/A MGK. 83p. |
| 51134903 | Tersteeg, N. (2019) Laboratory Evaluation to Assess the Efficacy of Vendetta Generation II Against American Cockroaches (MGK Formula 3181). Project Number: 19054. Unpublished Study Prepared by McLaughlin Gormley King Company, D/B/A MGK. 19p. |
| 51134904 | Tersteeg, N. (2019) Laboratory Evaluation to Assess the Efficacy of Vendetta Generation II Against German Cockroaches (MGK Formula 3181). Project Number: 19055. Unpublished Study Prepared by McLaughlin Gormley King Company, D/B/A MGK. 24p. |
| 51321701 | Buczkowski, G. (2020) Laboratory Study to Determine the Palatability of a Bait Matrix to Pharaoh Ants and Western Harvester Ants. Project Number: STD01292. Unpublished Study Prepared by Purdue University - Center for Urban and Industrial Pest Management. 12p. |
| 51428701 | Strange-George, J. (2021) Laboratory bioassay to assess the efficacy of a Clothianidin and Nylar formulation in a direct spray application against wasps and yellowjackets. Project Number: STD01407. Unpublished study prepared by McLaughlin Gormley King Company, D/B/A MGK. 4p. |
| 51428702 | Strange-George, J. (2021) Semi-field bioassay to assess the efficacy of a residual spray against colonies of pharaoh ants, Monomorium pharaonis including transfer impact and re-infestation prevention. Project Number: STD01408. Unpublished study prepared by McLaughlin Gormley King Company, D/B/A MGK. 4p. |

**830.1550       Product Identity and composition**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46088501 | Cornes, S.; Mollica, J. (2003) U.S. EPA Product Properties Test Guidelines Group A and B of TM-44403 16 WSG. Project Number: TMN/0247, TMN/0248, 1444. Unpublished study prepared by Pyxant Labs Inc. and Arvesta Corporation. 53 p. |
| 46088502 | Cornes, S.; Mollica, J. (2003) U.S. EPA Product Properties Test Guidelines - Group A and B of TM-44402 0.5 G. Project Number: TMN/0247, TMN/0248, 1444. Unpublished study prepared by Pyxant Labs Inc. and Aventis Corporation. 63 p. |
| 46345601 | Fontaine, L. (2004) Product Chemistry of Clothianidin Technical. Project Number: BR/2445, 15/920/2215, ANR/13504. Unpublished study prepared by Bayer Corp. 207 p. |
| 46482301 | Frank, J. (2005) Product Chemistry of AE 1283742 03 SC47 A1. Project Number: BR/2372, 201180, ANR/00405. Unpublished study prepared by Bayer Corp. 166 p. |
| 47007801 | Folsom, B. (2006) Product Chemistry of Poncho Beta. Project Number: 02/00041, 14/1050/5281, BR2548. Unpublished study prepared by Bayer Corp. 281 p. |
| 47096001 | Bujor, D. (2007) Group A and B of ARY044415 SC: ALOFT GC SC: ALOFT LC SC: Group A - Product Identity, Composition and Analysis: Group B - Physical/Chemical Properties. Project Number: AR/0705, AR/0706, AR44415/2007. Unpublished study prepared by Arysta LifeScience North America Corporation. 88 p. |
| 47096003 | Bujor, D. (2007) Group A and B of ARY044416 G: ALOFT GC G: ALOFT LC G: Group A - Product Identity, Composition and Analysis: Group B - Physical/Chemical Properties. Project Number: AR/0703, AR/0704, AR44416/2007. Unpublished study prepared by Arysta LifeScience North America Corporation. 54 p. |
| 47177401 | Taylor, E. (2007) Product Identity and Composition of V-10170 2.13 SC Insecticide: Description of Materials Used to Produce the Product V-10170 2.13 SC Insecticide: Description of Production Process for V-10170 2.13 SC Insecticide: Description of Formulation. Project Number: 2007/10170/001, 200700274. Unpublished study prepared by Valent U.S.A. Corporation. 250 p. |
| 47206501 | Mitchell, H. (2007) Product Chemistry of Insecticide TD Concentrate. Project Number: BR/2564, 201639, AM001704KF2. Unpublished study prepared by Bayer Corp. 408 p. |
| 47226101 | Taylor, E. (2007) Product Identity and Composition of V-10170 5 FS Insecticide: Description of Materials Used to Produce the Product V-10170 5 FS Insecticide: Description of Production Process for V-10170 5 FS Insecticide: Description of Formulation Process for V-10170 5 FS Insecticide: Discussion of Formation of Impurities for V-10170 5 FS Insecticide: Preliminary Analysis of V-10170 5 FS Insecticide: Certified Limits for V-10170 5 FS Insecticide: Enforcement Analytical Method for V-10170 5 FS Insecticide: Submittal of Samples for V-10170 5 FS Insecticide. Project Number: 2007/10170/002, 200700339. Unpublished study prepared by Valent U.S.A. Corporation. 311 p. |
| 47437901 | Hines, D. (2008) The Physical Characterization of L1847 End-Use Product. Project Number: PC/08/003, ZZ1068, PC/08/003MV. Unpublished study prepared by Bayer Cropscience. 181 p. |
| 47483001 | Hines, D. (2008) Product Chemistry of Sepresto 75WS. Project Number: M/304667/01/1, BR/2645. Unpublished study prepared by Bayer CropScience. 126 p. |
| 47483301 | Hines, D. (2008) The Physical Characterization of L1829 End-Use Product. Project Number: PC/08/008, PC/08/008MV, ZZ1070. Unpublished study prepared by Bayer Cropscience LP. 166 p. |
| 47662001 | Huchet, G. (2008) Product Chemistry of Bayer Advanced Flower, Rose & Shrub Care II. Project Number: M/306688/01/1, BR2650. Unpublished study prepared by Bayer CropScience. 324 p. |
| 47662301 | Huchet, G. (2008) Product Chemistry of Bayer Advanced Flower, Rose and Shrub Care III. Project Number: BR/2654, M/307207/01/1, 08FD075. Unpublished study prepared by Bayer CropScience. 271 p. |
| 47783701 | Huchet, G. (2008) Product Chemistry of Insecticide TD Granule. Project Number: BR2632, FD05808, FD05908. Unpublished study prepared by Bayer CropScience. 246 p. |
| 47835907 | Hines, D. (2009) The Physical Characterization of L1902 End-Use Product. Project Number: M/354425/01/1, PC/09/002, M/354425/01/1/OCR. Unpublished study prepared by Bayer CropScience, LP. 198 p. |
| 48024201 | Hines, D. (2010) Product Chemistry of Penclotrime 310.68FS. Project Number: M/365173/01/1, BR/2686, M/365173/01/1/OCR. Unpublished study prepared by Bayer CropScience. 360 p. |
| 48024601 | Hines, D. (2010) Product Chemistry of Penclo 273.5FS. Project Number: M/365179/01/1, BR/2691, M/365179/01/1/OCR. Unpublished study prepared by Bayer CropScience. 349 p. |
| 48311202 | Russell, R. (2010) Product Identity and Composition, Description of Materials, Method Used to Produce the Product, Description of the Formulation Process and Discussion of the Formation of Impurities in Inovate Seed Protectant: Final Report. Project Number: GRL/12938. Unpublished study prepared by Chemtura Canada Co./Cie. 77 p. |
| 48505201 | Taylor, E. (2011) Product Identity and Composition, Description of Materials Used to Produce the Product, Description of Production Process, Description of Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis, Certified Limits, Enforcement Analytical Method and Submittal of Samples of NipsIt SUITE Cereals OF Seed Protectant. Project Number: 201100153A, 201100153B, 2011/10304/001. Unpublished study prepared by Valent U.S.A. Corporation. 306 p. |
| 48525801 | Taylor, E. (2011) Product Identity and Composition of Nipslt SUITE Cereals OF Seed Protectant; Description of Materials Used to Produce the Product Nipslt SUITE Cereals OF Seed Protectant; Description of Production Process for Nipslt SUITE Cereals OF Seed Protectant; Description of Formulation Process for Nipslt SUITE Cereals OF Seed Protectant; Discussion of Formation of Impurities for Nipslt SUITE Cereals OF Seed Protectant; Preliminary Analysis of Nipslt SUITE Cereals OF Seed Protectant; Certified Limits for Nipslt SUITE Cereals OF Seed Protectant; Enforcement Analytical Method for Nipslt SUITE Cereals OF Seed Protectant; Submittal of Samples for Nipslt SUITE Cereals OF Seed Protectant. Project Number: 201100153A, 2011/10304/001. Unpublished study prepared by Valent Dublin Laboratory. 306 p. |
| 48531801 | Taylor, E. (2010) Product ldentity and Composition: (Description of Materials Used to Produce the Product: Description of Production Process: Description of Formulation Process: Discussion of Formation of Impurities: Preliminary Analysis: Certified Limits: Enforcement Analytical Method: Submittal of Samples for Nipslt Suite Canola Seed Protectant). Project Number: 2010/10262/001. Unpublished study prepared by Valent U.S.A. Corporation. 344 p. |
| 48596301 | Hines, D. (2011) The Physical Characterization of Poncho Votivo End-use Product. Project Number: M/413769/01/1 PC/11/003/OCR. Unpublished study prepared by Bayer CropScience. 288p. |
| 48677201 | Jeffries, D. (2011) Product Identity and Composition of VBC3 Concentrate. Project Number: 0306. Unpublished study prepared by Valent Bioscience Corporation. 156p. |
| 48720701 | Russell, R. (2013) Product Identity and Composition, Description of Materials, Method Used to Produce the Product, Description of the Formulation Process and Discussion of the Formation of Impurities in Inovate Pro (UBI 7004-00). Project Number: GRL/13229. Unpublished study prepared by Chemtura Canada Co./Cie. 88p. |
| 48875701 | Jeffries, D. (2012) Product Identity and Composition of Clothianidin 7.5 MC. Project Number: VBC/5/2012. Unpublished study prepared by Valent BioSciences Co. 120p. |
| 48877301 | Hines, D. (2012) The Physical Characterization of Poncho Votivo End-Use Product. Project Number: M/431700/01/1/OCR, PC/12/007. Unpublished study prepared by Bayer CropScience. 282p. |
| 48998601 | Jeffries, D. (2012) Product Identity and Composition of VBC3 Aerosol. Unpublished study prepared by Valent BioSciences Corporation. 66p. |
| 49072102 | Baker, B. (2013) Product Chemistry of BES0600 Insecticide. Project Number: M/451100/02/1, MV071, MO4588. Unpublished study prepared by Bayer Corp. 311p. |
| 49372001 | Hawkins, E. (2014) Product Identity and Composition, Description of Materials, Method Used to Produce the Product, Description of the Formulation Process and Discussion of the Formation of Impurities in INTEGO SUITE Seed Protectant (UBI 7009-00). Project Number: 201400127, EFT14/06. Unpublished study prepared by Chemtura Europe, Ltd. 97p. |
| 49551601 | Ditto, S. (2015) Formulation Process Description for MGK(R) Formula 30643. Project Number: MGK/REG/249. Unpublished study prepared by McLaughlin Gormley King Company. 24p. |
| 49561601 | Ditto, S. (2015) Formulation Process Descriptoin for MGK Formula 3113. Project Number: MGK/REG/257. Unpublished study prepared by McLaughlin Gormley King Company. 10p. |
| 49561610 | Lennan, T. (2015) Composition of Efficacy Test Materials: MGK(R) Formula 3113. Project Number: MGK/REG/258. Unpublished study prepared by McLaughlin Gormley King Company. 9p. |
| 49641202 | Ditto, S. (2015) Composition of Product Chemisty Test Material MGK Formula 3071. Project Number: MGK/REG/253. Unpublished study prepared by McLaughlin Gormley King Company. 8p. |
| 49705701 | Cheung, S. (2016) INTEGO SUITE Cereals OF: Product Identity, Composition, and Analysis. Project Number: 201600039, VP/39225. Unpublished study prepared by Valent U.S.A. Corporation. 95p. |
| 49787903 | Ditto, S. (2016) Formulation Process Description for MGK Formula 3119. Project Number: MGK/REG/289. Unpublished study prepared by McLaughlin Gormley King Company. 29p. |
| 49788002 | Ditto, S. (2016) Formulation Process Description for MGK Formula 3104. Project Number: MGK/REG/290. Unpublished study prepared by McLaughlin Gormley King Company. 31p. |
| 50207201 | Wei, A. (2017) Ampex SC Insecticide: Product Identity and Composition, Description of Materials Used to Produce the Product, Description of Production Process, Description of Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis, Certified Limits, Enforcement Analytical Method, Submittal of Samples. Project Number: 201700218, VP/41071. Unpublished study prepared by Valent U.S.A. LLC. 228p. |
| 50284902 | Ditto, S. (2017) Formulation Process Description for MGK(R) Formula 3128. Project Number: MGK/REG/315. Unpublished study prepared by McLaughlin Gormley King Company. 19p. |
| 50285002 | Ditto, S. (2017) Formulation Process Description for MGK Formula 3129. Project Number: MGK/REG/312. Unpublished study prepared by McLaughlin Gormley King Company. 20p. |
| 50312607 | Wei, A. (2017) AmpexTM SC Insecticide: Product Identity and Composition, Description of Materials Used to Produce the Product, Description of Production Process, Description of Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis, Certified Limits, Enforcement Analytical Method, Submittal of Samples. Project Number: 201700368, VP/41071. Unpublished study prepared by Valent U.S.A. LLC. 228p. |
| 50604201 | Lennan, T. (2018) Formulation Process Description for MGK Formula 3144. Project Number: STD00324. Unpublished study prepared by McLaughlin Gormley King Company. 33p. |
| 50712401 | Kratzer, B.; Danz, M. (2020) Description of the Manufacturing Process of Clothianidin / BAS 374 I (Hailir). Project Number: 202000042, 2020/2028168. Unpublished Study Prepared by BASF SE. 80p. |
| 50712901 | Ogawa, T. (2020) V-10503 FS: Product Identity and Composition, Description of Materials Used to Produce the Product, Description of Production Process, Description of Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis, Certified Limits, Enforcement Analytical Method, Submittal of Samples. Project Number: V/20/201740. Unpublished study prepared by Valent U.S.A., LLC. 324p. |
| 50713308 | Liu, J. (2020) V-10170-VC2100 Insecticide: Product Identity, Composition, and Analysis. Project Number: VP/201902. Unpublished study prepared by Valent U.S.A., LLC. 283p. |
| 50910807 | Demirci, F. (2019) Poncho Votivo 2.0 Seed Treatment (BAS 499 00 I): Group A - Product Identity, Composition and Analysis. Project Number: 2019/2042519. Unpublished study prepared by BASF SE. 148p. |
| 51243901 | Armstrong, A. (2020) Sharda Clothianidin Technical: Product Identity and Composition, Description of Materials, Description of Production Process, Discussion of Formation and Toxicity of Impurities, and Certified Limits. Unpublished study prepared by Sharda CropChem Limited. 53p. |
| 51255102 | Lennan, T. (2020) Formulation Process Description for MGK Formula 3096. Project Number: STD01305. Unpublished study prepared by McLaughlin Gormley King Company, D/B/A MGK. 19p. |
| 51300502 | Lennan, T. (2020) Formulation Process Description for MGK Formula 31751. Project Number: STD01320. Unpublished Study Prepared by McLaughlin Gormley King Company. 21p. |
| 51300602 | Lennan, T. (2020) Formulation Process Description for MGK Formula 31761. Project Number: STD01321. Unpublished Study Prepared by McLaughlin Gormley King Company. 23p. |
| 51428301 | Hardie, R. (2021) Sharda Clothianidin 48% FS: Product Identity and Composition, Description of Materials, Manufacturing Process, Discussion of Formation and Toxicity of Impurities and Certified Limits. Unpublished Study Prepared by Sharda USA LLC. 93p . |

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

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| **MRID** | **Citation Reference** |
|  |  |
| 46088501 | Cornes, S.; Mollica, J. (2003) U.S. EPA Product Properties Test Guidelines Group A and B of TM-44403 16 WSG. Project Number: TMN/0247, TMN/0248, 1444. Unpublished study prepared by Pyxant Labs Inc. and Arvesta Corporation. 53 p. |
| 46088502 | Cornes, S.; Mollica, J. (2003) U.S. EPA Product Properties Test Guidelines - Group A and B of TM-44402 0.5 G. Project Number: TMN/0247, TMN/0248, 1444. Unpublished study prepared by Pyxant Labs Inc. and Aventis Corporation. 63 p. |
| 46482301 | Frank, J. (2005) Product Chemistry of AE 1283742 03 SC47 A1. Project Number: BR/2372, 201180, ANR/00405. Unpublished study prepared by Bayer Corp. 166 p. |
| 47007801 | Folsom, B. (2006) Product Chemistry of Poncho Beta. Project Number: 02/00041, 14/1050/5281, BR2548. Unpublished study prepared by Bayer Corp. 281 p. |
| 47096001 | Bujor, D. (2007) Group A and B of ARY044415 SC: ALOFT GC SC: ALOFT LC SC: Group A - Product Identity, Composition and Analysis: Group B - Physical/Chemical Properties. Project Number: AR/0705, AR/0706, AR44415/2007. Unpublished study prepared by Arysta LifeScience North America Corporation. 88 p. |
| 47096003 | Bujor, D. (2007) Group A and B of ARY044416 G: ALOFT GC G: ALOFT LC G: Group A - Product Identity, Composition and Analysis: Group B - Physical/Chemical Properties. Project Number: AR/0703, AR/0704, AR44416/2007. Unpublished study prepared by Arysta LifeScience North America Corporation. 54 p. |
| 47177401 | Taylor, E. (2007) Product Identity and Composition of V-10170 2.13 SC Insecticide: Description of Materials Used to Produce the Product V-10170 2.13 SC Insecticide: Description of Production Process for V-10170 2.13 SC Insecticide: Description of Formulation. Project Number: 2007/10170/001, 200700274. Unpublished study prepared by Valent U.S.A. Corporation. 250 p. |
| 47206501 | Mitchell, H. (2007) Product Chemistry of Insecticide TD Concentrate. Project Number: BR/2564, 201639, AM001704KF2. Unpublished study prepared by Bayer Corp. 408 p. |
| 47226101 | Taylor, E. (2007) Product Identity and Composition of V-10170 5 FS Insecticide: Description of Materials Used to Produce the Product V-10170 5 FS Insecticide: Description of Production Process for V-10170 5 FS Insecticide: Description of Formulation Process for V-10170 5 FS Insecticide: Discussion of Formation of Impurities for V-10170 5 FS Insecticide: Preliminary Analysis of V-10170 5 FS Insecticide: Certified Limits for V-10170 5 FS Insecticide: Enforcement Analytical Method for V-10170 5 FS Insecticide: Submittal of Samples for V-10170 5 FS Insecticide. Project Number: 2007/10170/002, 200700339. Unpublished study prepared by Valent U.S.A. Corporation. 311 p. |
| 47437901 | Hines, D. (2008) The Physical Characterization of L1847 End-Use Product. Project Number: PC/08/003, ZZ1068, PC/08/003MV. Unpublished study prepared by Bayer Cropscience. 181 p. |
| 47483001 | Hines, D. (2008) Product Chemistry of Sepresto 75WS. Project Number: M/304667/01/1, BR/2645. Unpublished study prepared by Bayer CropScience. 126 p. |
| 47483301 | Hines, D. (2008) The Physical Characterization of L1829 End-Use Product. Project Number: PC/08/008, PC/08/008MV, ZZ1070. Unpublished study prepared by Bayer Cropscience LP. 166 p. |
| 47662001 | Huchet, G. (2008) Product Chemistry of Bayer Advanced Flower, Rose & Shrub Care II. Project Number: M/306688/01/1, BR2650. Unpublished study prepared by Bayer CropScience. 324 p. |
| 47662301 | Huchet, G. (2008) Product Chemistry of Bayer Advanced Flower, Rose and Shrub Care III. Project Number: BR/2654, M/307207/01/1, 08FD075. Unpublished study prepared by Bayer CropScience. 271 p. |
| 47783701 | Huchet, G. (2008) Product Chemistry of Insecticide TD Granule. Project Number: BR2632, FD05808, FD05908. Unpublished study prepared by Bayer CropScience. 246 p. |
| 47835907 | Hines, D. (2009) The Physical Characterization of L1902 End-Use Product. Project Number: M/354425/01/1, PC/09/002, M/354425/01/1/OCR. Unpublished study prepared by Bayer CropScience, LP. 198 p. |
| 48024201 | Hines, D. (2010) Product Chemistry of Penclotrime 310.68FS. Project Number: M/365173/01/1, BR/2686, M/365173/01/1/OCR. Unpublished study prepared by Bayer CropScience. 360 p. |
| 48024601 | Hines, D. (2010) Product Chemistry of Penclo 273.5FS. Project Number: M/365179/01/1, BR/2691, M/365179/01/1/OCR. Unpublished study prepared by Bayer CropScience. 349 p. |
| 48311202 | Russell, R. (2010) Product Identity and Composition, Description of Materials, Method Used to Produce the Product, Description of the Formulation Process and Discussion of the Formation of Impurities in Inovate Seed Protectant: Final Report. Project Number: GRL/12938. Unpublished study prepared by Chemtura Canada Co./Cie. 77 p. |
| 48505201 | Taylor, E. (2011) Product Identity and Composition, Description of Materials Used to Produce the Product, Description of Production Process, Description of Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis, Certified Limits, Enforcement Analytical Method and Submittal of Samples of NipsIt SUITE Cereals OF Seed Protectant. Project Number: 201100153A, 201100153B, 2011/10304/001. Unpublished study prepared by Valent U.S.A. Corporation. 306 p. |
| 48525801 | Taylor, E. (2011) Product Identity and Composition of Nipslt SUITE Cereals OF Seed Protectant; Description of Materials Used to Produce the Product Nipslt SUITE Cereals OF Seed Protectant; Description of Production Process for Nipslt SUITE Cereals OF Seed Protectant; Description of Formulation Process for Nipslt SUITE Cereals OF Seed Protectant; Discussion of Formation of Impurities for Nipslt SUITE Cereals OF Seed Protectant; Preliminary Analysis of Nipslt SUITE Cereals OF Seed Protectant; Certified Limits for Nipslt SUITE Cereals OF Seed Protectant; Enforcement Analytical Method for Nipslt SUITE Cereals OF Seed Protectant; Submittal of Samples for Nipslt SUITE Cereals OF Seed Protectant. Project Number: 201100153A, 2011/10304/001. Unpublished study prepared by Valent Dublin Laboratory. 306 p. |
| 48531801 | Taylor, E. (2010) Product ldentity and Composition: (Description of Materials Used to Produce the Product: Description of Production Process: Description of Formulation Process: Discussion of Formation of Impurities: Preliminary Analysis: Certified Limits: Enforcement Analytical Method: Submittal of Samples for Nipslt Suite Canola Seed Protectant). Project Number: 2010/10262/001. Unpublished study prepared by Valent U.S.A. Corporation. 344 p. |
| 48596301 | Hines, D. (2011) The Physical Characterization of Poncho Votivo End-use Product. Project Number: M/413769/01/1 PC/11/003/OCR. Unpublished study prepared by Bayer CropScience. 288p. |
| 48677201 | Jeffries, D. (2011) Product Identity and Composition of VBC3 Concentrate. Project Number: 0306. Unpublished study prepared by Valent Bioscience Corporation. 156p. |
| 48720701 | Russell, R. (2013) Product Identity and Composition, Description of Materials, Method Used to Produce the Product, Description of the Formulation Process and Discussion of the Formation of Impurities in Inovate Pro (UBI 7004-00). Project Number: GRL/13229. Unpublished study prepared by Chemtura Canada Co./Cie. 88p. |
| 48875701 | Jeffries, D. (2012) Product Identity and Composition of Clothianidin 7.5 MC. Project Number: VBC/5/2012. Unpublished study prepared by Valent BioSciences Co. 120p. |
| 48877301 | Hines, D. (2012) The Physical Characterization of Poncho Votivo End-Use Product. Project Number: M/431700/01/1/OCR, PC/12/007. Unpublished study prepared by Bayer CropScience. 282p. |
| 48998601 | Jeffries, D. (2012) Product Identity and Composition of VBC3 Aerosol. Unpublished study prepared by Valent BioSciences Corporation. 66p. |
| 49072102 | Baker, B. (2013) Product Chemistry of BES0600 Insecticide. Project Number: M/451100/02/1, MV071, MO4588. Unpublished study prepared by Bayer Corp. 311p. |
| 49198701 | Dunkel, R.; Volkmann, T. (2013) Clothianidin Description of the Manufacturing Process of the Technical Grade Active Substance for the USA and Canada (Specification No.: 102000027843). Project Number: 201400009, M/458238/01/2. Unpublished study prepared by Bayer CropScience AG. 66p. |
| 49372001 | Hawkins, E. (2014) Product Identity and Composition, Description of Materials, Method Used to Produce the Product, Description of the Formulation Process and Discussion of the Formation of Impurities in INTEGO SUITE Seed Protectant (UBI 7009-00). Project Number: 201400127, EFT14/06. Unpublished study prepared by Chemtura Europe, Ltd. 97p. |
| 49447701 | Cheung, S. (2014) INTEGO SUITE Seed Protectant: Product Identity, Composition, and Analysis. Project Number: 201400218, VP/38904. Unpublished study prepared by Valent U.S.A. Corporation. 113p. |
| 49551601 | Ditto, S. (2015) Formulation Process Description for MGK(R) Formula 30643. Project Number: MGK/REG/249. Unpublished study prepared by McLaughlin Gormley King Company. 24p. |
| 49561601 | Ditto, S. (2015) Formulation Process Descriptoin for MGK Formula 3113. Project Number: MGK/REG/257. Unpublished study prepared by McLaughlin Gormley King Company. 10p. |
| 49705701 | Cheung, S. (2016) INTEGO SUITE Cereals OF: Product Identity, Composition, and Analysis. Project Number: 201600039, VP/39225. Unpublished study prepared by Valent U.S.A. Corporation. 95p. |
| 49787903 | Ditto, S. (2016) Formulation Process Description for MGK Formula 3119. Project Number: MGK/REG/289. Unpublished study prepared by McLaughlin Gormley King Company. 29p. |
| 49788002 | Ditto, S. (2016) Formulation Process Description for MGK Formula 3104. Project Number: MGK/REG/290. Unpublished study prepared by McLaughlin Gormley King Company. 31p. |
| 50207201 | Wei, A. (2017) Ampex SC Insecticide: Product Identity and Composition, Description of Materials Used to Produce the Product, Description of Production Process, Description of Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis, Certified Limits, Enforcement Analytical Method, Submittal of Samples. Project Number: 201700218, VP/41071. Unpublished study prepared by Valent U.S.A. LLC. 228p. |
| 50284902 | Ditto, S. (2017) Formulation Process Description for MGK(R) Formula 3128. Project Number: MGK/REG/315. Unpublished study prepared by McLaughlin Gormley King Company. 19p. |
| 50285002 | Ditto, S. (2017) Formulation Process Description for MGK Formula 3129. Project Number: MGK/REG/312. Unpublished study prepared by McLaughlin Gormley King Company. 20p. |
| 50312607 | Wei, A. (2017) AmpexTM SC Insecticide: Product Identity and Composition, Description of Materials Used to Produce the Product, Description of Production Process, Description of Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis, Certified Limits, Enforcement Analytical Method, Submittal of Samples. Project Number: 201700368, VP/41071. Unpublished study prepared by Valent U.S.A. LLC. 228p. |
| 50604201 | Lennan, T. (2018) Formulation Process Description for MGK Formula 3144. Project Number: STD00324. Unpublished study prepared by McLaughlin Gormley King Company. 33p. |
| 50712401 | Kratzer, B.; Danz, M. (2020) Description of the Manufacturing Process of Clothianidin / BAS 374 I (Hailir). Project Number: 202000042, 2020/2028168. Unpublished Study Prepared by BASF SE. 80p. |
| 50712901 | Ogawa, T. (2020) V-10503 FS: Product Identity and Composition, Description of Materials Used to Produce the Product, Description of Production Process, Description of Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis, Certified Limits, Enforcement Analytical Method, Submittal of Samples. Project Number: V/20/201740. Unpublished study prepared by Valent U.S.A., LLC. 324p. |
| 50713308 | Liu, J. (2020) V-10170-VC2100 Insecticide: Product Identity, Composition, and Analysis. Project Number: VP/201902. Unpublished study prepared by Valent U.S.A., LLC. 283p. |
| 50910807 | Demirci, F. (2019) Poncho Votivo 2.0 Seed Treatment (BAS 499 00 I): Group A - Product Identity, Composition and Analysis. Project Number: 2019/2042519. Unpublished study prepared by BASF SE. 148p. |
| 51243901 | Armstrong, A. (2020) Sharda Clothianidin Technical: Product Identity and Composition, Description of Materials, Description of Production Process, Discussion of Formation and Toxicity of Impurities, and Certified Limits. Unpublished study prepared by Sharda CropChem Limited. 53p. |
| 51255102 | Lennan, T. (2020) Formulation Process Description for MGK Formula 3096. Project Number: STD01305. Unpublished study prepared by McLaughlin Gormley King Company, D/B/A MGK. 19p. |
| 51300502 | Lennan, T. (2020) Formulation Process Description for MGK Formula 31751. Project Number: STD01320. Unpublished Study Prepared by McLaughlin Gormley King Company. 21p. |
| 51300602 | Lennan, T. (2020) Formulation Process Description for MGK Formula 31761. Project Number: STD01321. Unpublished Study Prepared by McLaughlin Gormley King Company. 23p. |
| 51428301 | Hardie, R. (2021) Sharda Clothianidin 48% FS: Product Identity and Composition, Description of Materials, Manufacturing Process, Discussion of Formation and Toxicity of Impurities and Certified Limits. Unpublished Study Prepared by Sharda USA LLC. 93p . |

**830.1620       Description of production process**

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| **MRID** | **Citation Reference** |
|  |  |
| 47007801 | Folsom, B. (2006) Product Chemistry of Poncho Beta. Project Number: 02/00041, 14/1050/5281, BR2548. Unpublished study prepared by Bayer Corp. 281 p. |
| 47096001 | Bujor, D. (2007) Group A and B of ARY044415 SC: ALOFT GC SC: ALOFT LC SC: Group A - Product Identity, Composition and Analysis: Group B - Physical/Chemical Properties. Project Number: AR/0705, AR/0706, AR44415/2007. Unpublished study prepared by Arysta LifeScience North America Corporation. 88 p. |
| 47096003 | Bujor, D. (2007) Group A and B of ARY044416 G: ALOFT GC G: ALOFT LC G: Group A - Product Identity, Composition and Analysis: Group B - Physical/Chemical Properties. Project Number: AR/0703, AR/0704, AR44416/2007. Unpublished study prepared by Arysta LifeScience North America Corporation. 54 p. |
| 47177401 | Taylor, E. (2007) Product Identity and Composition of V-10170 2.13 SC Insecticide: Description of Materials Used to Produce the Product V-10170 2.13 SC Insecticide: Description of Production Process for V-10170 2.13 SC Insecticide: Description of Formulation. Project Number: 2007/10170/001, 200700274. Unpublished study prepared by Valent U.S.A. Corporation. 250 p. |
| 47226101 | Taylor, E. (2007) Product Identity and Composition of V-10170 5 FS Insecticide: Description of Materials Used to Produce the Product V-10170 5 FS Insecticide: Description of Production Process for V-10170 5 FS Insecticide: Description of Formulation Process for V-10170 5 FS Insecticide: Discussion of Formation of Impurities for V-10170 5 FS Insecticide: Preliminary Analysis of V-10170 5 FS Insecticide: Certified Limits for V-10170 5 FS Insecticide: Enforcement Analytical Method for V-10170 5 FS Insecticide: Submittal of Samples for V-10170 5 FS Insecticide. Project Number: 2007/10170/002, 200700339. Unpublished study prepared by Valent U.S.A. Corporation. 311 p. |
| 47437901 | Hines, D. (2008) The Physical Characterization of L1847 End-Use Product. Project Number: PC/08/003, ZZ1068, PC/08/003MV. Unpublished study prepared by Bayer Cropscience. 181 p. |
| 47483001 | Hines, D. (2008) Product Chemistry of Sepresto 75WS. Project Number: M/304667/01/1, BR/2645. Unpublished study prepared by Bayer CropScience. 126 p. |
| 47483301 | Hines, D. (2008) The Physical Characterization of L1829 End-Use Product. Project Number: PC/08/008, PC/08/008MV, ZZ1070. Unpublished study prepared by Bayer Cropscience LP. 166 p. |
| 47662301 | Huchet, G. (2008) Product Chemistry of Bayer Advanced Flower, Rose and Shrub Care III. Project Number: BR/2654, M/307207/01/1, 08FD075. Unpublished study prepared by Bayer CropScience. 271 p. |
| 47783701 | Huchet, G. (2008) Product Chemistry of Insecticide TD Granule. Project Number: BR2632, FD05808, FD05908. Unpublished study prepared by Bayer CropScience. 246 p. |
| 48024201 | Hines, D. (2010) Product Chemistry of Penclotrime 310.68FS. Project Number: M/365173/01/1, BR/2686, M/365173/01/1/OCR. Unpublished study prepared by Bayer CropScience. 360 p. |
| 48525801 | Taylor, E. (2011) Product Identity and Composition of Nipslt SUITE Cereals OF Seed Protectant; Description of Materials Used to Produce the Product Nipslt SUITE Cereals OF Seed Protectant; Description of Production Process for Nipslt SUITE Cereals OF Seed Protectant; Description of Formulation Process for Nipslt SUITE Cereals OF Seed Protectant; Discussion of Formation of Impurities for Nipslt SUITE Cereals OF Seed Protectant; Preliminary Analysis of Nipslt SUITE Cereals OF Seed Protectant; Certified Limits for Nipslt SUITE Cereals OF Seed Protectant; Enforcement Analytical Method for Nipslt SUITE Cereals OF Seed Protectant; Submittal of Samples for Nipslt SUITE Cereals OF Seed Protectant. Project Number: 201100153A, 2011/10304/001. Unpublished study prepared by Valent Dublin Laboratory. 306 p. |
| 48531801 | Taylor, E. (2010) Product ldentity and Composition: (Description of Materials Used to Produce the Product: Description of Production Process: Description of Formulation Process: Discussion of Formation of Impurities: Preliminary Analysis: Certified Limits: Enforcement Analytical Method: Submittal of Samples for Nipslt Suite Canola Seed Protectant). Project Number: 2010/10262/001. Unpublished study prepared by Valent U.S.A. Corporation. 344 p. |
| 48596301 | Hines, D. (2011) The Physical Characterization of Poncho Votivo End-use Product. Project Number: M/413769/01/1 PC/11/003/OCR. Unpublished study prepared by Bayer CropScience. 288p. |
| 49072102 | Baker, B. (2013) Product Chemistry of BES0600 Insecticide. Project Number: M/451100/02/1, MV071, MO4588. Unpublished study prepared by Bayer Corp. 311p. |
| 49198701 | Dunkel, R.; Volkmann, T. (2013) Clothianidin Description of the Manufacturing Process of the Technical Grade Active Substance for the USA and Canada (Specification No.: 102000027843). Project Number: 201400009, M/458238/01/2. Unpublished study prepared by Bayer CropScience AG. 66p. |
| 49372002 | Charlton, R. (2014) INTEGO SUITE Neutral Seed Protectant: Product Chemistry Group A Waiver Requests and Supplementary Information. Project Number: 201400132, VP/38871. Unpublished study prepared by Valent U.S.A. Corporation. 22p. |
| 49447701 | Cheung, S. (2014) INTEGO SUITE Seed Protectant: Product Identity, Composition, and Analysis. Project Number: 201400218, VP/38904. Unpublished study prepared by Valent U.S.A. Corporation. 113p. |
| 49705701 | Cheung, S. (2016) INTEGO SUITE Cereals OF: Product Identity, Composition, and Analysis. Project Number: 201600039, VP/39225. Unpublished study prepared by Valent U.S.A. Corporation. 95p. |
| 50207201 | Wei, A. (2017) Ampex SC Insecticide: Product Identity and Composition, Description of Materials Used to Produce the Product, Description of Production Process, Description of Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis, Certified Limits, Enforcement Analytical Method, Submittal of Samples. Project Number: 201700218, VP/41071. Unpublished study prepared by Valent U.S.A. LLC. 228p. |
| 50312607 | Wei, A. (2017) AmpexTM SC Insecticide: Product Identity and Composition, Description of Materials Used to Produce the Product, Description of Production Process, Description of Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis, Certified Limits, Enforcement Analytical Method, Submittal of Samples. Project Number: 201700368, VP/41071. Unpublished study prepared by Valent U.S.A. LLC. 228p. |
| 50712401 | Kratzer, B.; Danz, M. (2020) Description of the Manufacturing Process of Clothianidin / BAS 374 I (Hailir). Project Number: 202000042, 2020/2028168. Unpublished Study Prepared by BASF SE. 80p. |
| 50712901 | Ogawa, T. (2020) V-10503 FS: Product Identity and Composition, Description of Materials Used to Produce the Product, Description of Production Process, Description of Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis, Certified Limits, Enforcement Analytical Method, Submittal of Samples. Project Number: V/20/201740. Unpublished study prepared by Valent U.S.A., LLC. 324p. |
| 50713308 | Liu, J. (2020) V-10170-VC2100 Insecticide: Product Identity, Composition, and Analysis. Project Number: VP/201902. Unpublished study prepared by Valent U.S.A., LLC. 283p. |
| 50910807 | Demirci, F. (2019) Poncho Votivo 2.0 Seed Treatment (BAS 499 00 I): Group A - Product Identity, Composition and Analysis. Project Number: 2019/2042519. Unpublished study prepared by BASF SE. 148p. |
| 51243901 | Armstrong, A. (2020) Sharda Clothianidin Technical: Product Identity and Composition, Description of Materials, Description of Production Process, Discussion of Formation and Toxicity of Impurities, and Certified Limits. Unpublished study prepared by Sharda CropChem Limited. 53p. |

**830.1650       Description of formulation process**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46088501 | Cornes, S.; Mollica, J. (2003) U.S. EPA Product Properties Test Guidelines Group A and B of TM-44403 16 WSG. Project Number: TMN/0247, TMN/0248, 1444. Unpublished study prepared by Pyxant Labs Inc. and Arvesta Corporation. 53 p. |
| 46088502 | Cornes, S.; Mollica, J. (2003) U.S. EPA Product Properties Test Guidelines - Group A and B of TM-44402 0.5 G. Project Number: TMN/0247, TMN/0248, 1444. Unpublished study prepared by Pyxant Labs Inc. and Aventis Corporation. 63 p. |
| 46345601 | Fontaine, L. (2004) Product Chemistry of Clothianidin Technical. Project Number: BR/2445, 15/920/2215, ANR/13504. Unpublished study prepared by Bayer Corp. 207 p. |
| 46482301 | Frank, J. (2005) Product Chemistry of AE 1283742 03 SC47 A1. Project Number: BR/2372, 201180, ANR/00405. Unpublished study prepared by Bayer Corp. 166 p. |
| 47007801 | Folsom, B. (2006) Product Chemistry of Poncho Beta. Project Number: 02/00041, 14/1050/5281, BR2548. Unpublished study prepared by Bayer Corp. 281 p. |
| 47096001 | Bujor, D. (2007) Group A and B of ARY044415 SC: ALOFT GC SC: ALOFT LC SC: Group A - Product Identity, Composition and Analysis: Group B - Physical/Chemical Properties. Project Number: AR/0705, AR/0706, AR44415/2007. Unpublished study prepared by Arysta LifeScience North America Corporation. 88 p. |
| 47096003 | Bujor, D. (2007) Group A and B of ARY044416 G: ALOFT GC G: ALOFT LC G: Group A - Product Identity, Composition and Analysis: Group B - Physical/Chemical Properties. Project Number: AR/0703, AR/0704, AR44416/2007. Unpublished study prepared by Arysta LifeScience North America Corporation. 54 p. |
| 47177401 | Taylor, E. (2007) Product Identity and Composition of V-10170 2.13 SC Insecticide: Description of Materials Used to Produce the Product V-10170 2.13 SC Insecticide: Description of Production Process for V-10170 2.13 SC Insecticide: Description of Formulation. Project Number: 2007/10170/001, 200700274. Unpublished study prepared by Valent U.S.A. Corporation. 250 p. |
| 47206501 | Mitchell, H. (2007) Product Chemistry of Insecticide TD Concentrate. Project Number: BR/2564, 201639, AM001704KF2. Unpublished study prepared by Bayer Corp. 408 p. |
| 47226101 | Taylor, E. (2007) Product Identity and Composition of V-10170 5 FS Insecticide: Description of Materials Used to Produce the Product V-10170 5 FS Insecticide: Description of Production Process for V-10170 5 FS Insecticide: Description of Formulation Process for V-10170 5 FS Insecticide: Discussion of Formation of Impurities for V-10170 5 FS Insecticide: Preliminary Analysis of V-10170 5 FS Insecticide: Certified Limits for V-10170 5 FS Insecticide: Enforcement Analytical Method for V-10170 5 FS Insecticide: Submittal of Samples for V-10170 5 FS Insecticide. Project Number: 2007/10170/002, 200700339. Unpublished study prepared by Valent U.S.A. Corporation. 311 p. |
| 47483001 | Hines, D. (2008) Product Chemistry of Sepresto 75WS. Project Number: M/304667/01/1, BR/2645. Unpublished study prepared by Bayer CropScience. 126 p. |
| 47662001 | Huchet, G. (2008) Product Chemistry of Bayer Advanced Flower, Rose & Shrub Care II. Project Number: M/306688/01/1, BR2650. Unpublished study prepared by Bayer CropScience. 324 p. |
| 47662301 | Huchet, G. (2008) Product Chemistry of Bayer Advanced Flower, Rose and Shrub Care III. Project Number: BR/2654, M/307207/01/1, 08FD075. Unpublished study prepared by Bayer CropScience. 271 p. |
| 47783701 | Huchet, G. (2008) Product Chemistry of Insecticide TD Granule. Project Number: BR2632, FD05808, FD05908. Unpublished study prepared by Bayer CropScience. 246 p. |
| 48024201 | Hines, D. (2010) Product Chemistry of Penclotrime 310.68FS. Project Number: M/365173/01/1, BR/2686, M/365173/01/1/OCR. Unpublished study prepared by Bayer CropScience. 360 p. |
| 48024601 | Hines, D. (2010) Product Chemistry of Penclo 273.5FS. Project Number: M/365179/01/1, BR/2691, M/365179/01/1/OCR. Unpublished study prepared by Bayer CropScience. 349 p. |
| 48311202 | Russell, R. (2010) Product Identity and Composition, Description of Materials, Method Used to Produce the Product, Description of the Formulation Process and Discussion of the Formation of Impurities in Inovate Seed Protectant: Final Report. Project Number: GRL/12938. Unpublished study prepared by Chemtura Canada Co./Cie. 77 p. |
| 48505201 | Taylor, E. (2011) Product Identity and Composition, Description of Materials Used to Produce the Product, Description of Production Process, Description of Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis, Certified Limits, Enforcement Analytical Method and Submittal of Samples of NipsIt SUITE Cereals OF Seed Protectant. Project Number: 201100153A, 201100153B, 2011/10304/001. Unpublished study prepared by Valent U.S.A. Corporation. 306 p. |
| 48525801 | Taylor, E. (2011) Product Identity and Composition of Nipslt SUITE Cereals OF Seed Protectant; Description of Materials Used to Produce the Product Nipslt SUITE Cereals OF Seed Protectant; Description of Production Process for Nipslt SUITE Cereals OF Seed Protectant; Description of Formulation Process for Nipslt SUITE Cereals OF Seed Protectant; Discussion of Formation of Impurities for Nipslt SUITE Cereals OF Seed Protectant; Preliminary Analysis of Nipslt SUITE Cereals OF Seed Protectant; Certified Limits for Nipslt SUITE Cereals OF Seed Protectant; Enforcement Analytical Method for Nipslt SUITE Cereals OF Seed Protectant; Submittal of Samples for Nipslt SUITE Cereals OF Seed Protectant. Project Number: 201100153A, 2011/10304/001. Unpublished study prepared by Valent Dublin Laboratory. 306 p. |
| 48531801 | Taylor, E. (2010) Product ldentity and Composition: (Description of Materials Used to Produce the Product: Description of Production Process: Description of Formulation Process: Discussion of Formation of Impurities: Preliminary Analysis: Certified Limits: Enforcement Analytical Method: Submittal of Samples for Nipslt Suite Canola Seed Protectant). Project Number: 2010/10262/001. Unpublished study prepared by Valent U.S.A. Corporation. 344 p. |
| 48596301 | Hines, D. (2011) The Physical Characterization of Poncho Votivo End-use Product. Project Number: M/413769/01/1 PC/11/003/OCR. Unpublished study prepared by Bayer CropScience. 288p. |
| 48677201 | Jeffries, D. (2011) Product Identity and Composition of VBC3 Concentrate. Project Number: 0306. Unpublished study prepared by Valent Bioscience Corporation. 156p. |
| 48720701 | Russell, R. (2013) Product Identity and Composition, Description of Materials, Method Used to Produce the Product, Description of the Formulation Process and Discussion of the Formation of Impurities in Inovate Pro (UBI 7004-00). Project Number: GRL/13229. Unpublished study prepared by Chemtura Canada Co./Cie. 88p. |
| 48875701 | Jeffries, D. (2012) Product Identity and Composition of Clothianidin 7.5 MC. Project Number: VBC/5/2012. Unpublished study prepared by Valent BioSciences Co. 120p. |
| 48877301 | Hines, D. (2012) The Physical Characterization of Poncho Votivo End-Use Product. Project Number: M/431700/01/1/OCR, PC/12/007. Unpublished study prepared by Bayer CropScience. 282p. |
| 48998601 | Jeffries, D. (2012) Product Identity and Composition of VBC3 Aerosol. Unpublished study prepared by Valent BioSciences Corporation. 66p. |
| 49072102 | Baker, B. (2013) Product Chemistry of BES0600 Insecticide. Project Number: M/451100/02/1, MV071, MO4588. Unpublished study prepared by Bayer Corp. 311p. |
| 49372001 | Hawkins, E. (2014) Product Identity and Composition, Description of Materials, Method Used to Produce the Product, Description of the Formulation Process and Discussion of the Formation of Impurities in INTEGO SUITE Seed Protectant (UBI 7009-00). Project Number: 201400127, EFT14/06. Unpublished study prepared by Chemtura Europe, Ltd. 97p. |
| 49447701 | Cheung, S. (2014) INTEGO SUITE Seed Protectant: Product Identity, Composition, and Analysis. Project Number: 201400218, VP/38904. Unpublished study prepared by Valent U.S.A. Corporation. 113p. |
| 49551601 | Ditto, S. (2015) Formulation Process Description for MGK(R) Formula 30643. Project Number: MGK/REG/249. Unpublished study prepared by McLaughlin Gormley King Company. 24p. |
| 49561601 | Ditto, S. (2015) Formulation Process Descriptoin for MGK Formula 3113. Project Number: MGK/REG/257. Unpublished study prepared by McLaughlin Gormley King Company. 10p. |
| 49705701 | Cheung, S. (2016) INTEGO SUITE Cereals OF: Product Identity, Composition, and Analysis. Project Number: 201600039, VP/39225. Unpublished study prepared by Valent U.S.A. Corporation. 95p. |
| 49787903 | Ditto, S. (2016) Formulation Process Description for MGK Formula 3119. Project Number: MGK/REG/289. Unpublished study prepared by McLaughlin Gormley King Company. 29p. |
| 49788002 | Ditto, S. (2016) Formulation Process Description for MGK Formula 3104. Project Number: MGK/REG/290. Unpublished study prepared by McLaughlin Gormley King Company. 31p. |
| 50207201 | Wei, A. (2017) Ampex SC Insecticide: Product Identity and Composition, Description of Materials Used to Produce the Product, Description of Production Process, Description of Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis, Certified Limits, Enforcement Analytical Method, Submittal of Samples. Project Number: 201700218, VP/41071. Unpublished study prepared by Valent U.S.A. LLC. 228p. |
| 50284902 | Ditto, S. (2017) Formulation Process Description for MGK(R) Formula 3128. Project Number: MGK/REG/315. Unpublished study prepared by McLaughlin Gormley King Company. 19p. |
| 50285002 | Ditto, S. (2017) Formulation Process Description for MGK Formula 3129. Project Number: MGK/REG/312. Unpublished study prepared by McLaughlin Gormley King Company. 20p. |
| 50312607 | Wei, A. (2017) AmpexTM SC Insecticide: Product Identity and Composition, Description of Materials Used to Produce the Product, Description of Production Process, Description of Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis, Certified Limits, Enforcement Analytical Method, Submittal of Samples. Project Number: 201700368, VP/41071. Unpublished study prepared by Valent U.S.A. LLC. 228p. |
| 50604201 | Lennan, T. (2018) Formulation Process Description for MGK Formula 3144. Project Number: STD00324. Unpublished study prepared by McLaughlin Gormley King Company. 33p. |
| 50712901 | Ogawa, T. (2020) V-10503 FS: Product Identity and Composition, Description of Materials Used to Produce the Product, Description of Production Process, Description of Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis, Certified Limits, Enforcement Analytical Method, Submittal of Samples. Project Number: V/20/201740. Unpublished study prepared by Valent U.S.A., LLC. 324p. |
| 50713308 | Liu, J. (2020) V-10170-VC2100 Insecticide: Product Identity, Composition, and Analysis. Project Number: VP/201902. Unpublished study prepared by Valent U.S.A., LLC. 283p. |
| 50910807 | Demirci, F. (2019) Poncho Votivo 2.0 Seed Treatment (BAS 499 00 I): Group A - Product Identity, Composition and Analysis. Project Number: 2019/2042519. Unpublished study prepared by BASF SE. 148p. |
| 51134902 | Thompson, D. (2020) Formulating Description for MGK Formula 3181. Unpublished Study Prepared by McLaughlin Gormley King Company, D/B/A MGK. 7p. |
| 51255102 | Lennan, T. (2020) Formulation Process Description for MGK Formula 3096. Project Number: STD01305. Unpublished study prepared by McLaughlin Gormley King Company, D/B/A MGK. 19p. |
| 51300502 | Lennan, T. (2020) Formulation Process Description for MGK Formula 31751. Project Number: STD01320. Unpublished Study Prepared by McLaughlin Gormley King Company. 21p. |
| 51300602 | Lennan, T. (2020) Formulation Process Description for MGK Formula 31761. Project Number: STD01321. Unpublished Study Prepared by McLaughlin Gormley King Company. 23p. |
| 51428301 | Hardie, R. (2021) Sharda Clothianidin 48% FS: Product Identity and Composition, Description of Materials, Manufacturing Process, Discussion of Formation and Toxicity of Impurities and Certified Limits. Unpublished Study Prepared by Sharda USA LLC. 93p . |

**830.1670       Discussion of formation of impurities**

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| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46088501 | Cornes, S.; Mollica, J. (2003) U.S. EPA Product Properties Test Guidelines Group A and B of TM-44403 16 WSG. Project Number: TMN/0247, TMN/0248, 1444. Unpublished study prepared by Pyxant Labs Inc. and Arvesta Corporation. 53 p. |
| 46088502 | Cornes, S.; Mollica, J. (2003) U.S. EPA Product Properties Test Guidelines - Group A and B of TM-44402 0.5 G. Project Number: TMN/0247, TMN/0248, 1444. Unpublished study prepared by Pyxant Labs Inc. and Aventis Corporation. 63 p. |
| 46345601 | Fontaine, L. (2004) Product Chemistry of Clothianidin Technical. Project Number: BR/2445, 15/920/2215, ANR/13504. Unpublished study prepared by Bayer Corp. 207 p. |
| 46482301 | Frank, J. (2005) Product Chemistry of AE 1283742 03 SC47 A1. Project Number: BR/2372, 201180, ANR/00405. Unpublished study prepared by Bayer Corp. 166 p. |
| 47007801 | Folsom, B. (2006) Product Chemistry of Poncho Beta. Project Number: 02/00041, 14/1050/5281, BR2548. Unpublished study prepared by Bayer Corp. 281 p. |
| 47096001 | Bujor, D. (2007) Group A and B of ARY044415 SC: ALOFT GC SC: ALOFT LC SC: Group A - Product Identity, Composition and Analysis: Group B - Physical/Chemical Properties. Project Number: AR/0705, AR/0706, AR44415/2007. Unpublished study prepared by Arysta LifeScience North America Corporation. 88 p. |
| 47096003 | Bujor, D. (2007) Group A and B of ARY044416 G: ALOFT GC G: ALOFT LC G: Group A - Product Identity, Composition and Analysis: Group B - Physical/Chemical Properties. Project Number: AR/0703, AR/0704, AR44416/2007. Unpublished study prepared by Arysta LifeScience North America Corporation. 54 p. |
| 47177401 | Taylor, E. (2007) Product Identity and Composition of V-10170 2.13 SC Insecticide: Description of Materials Used to Produce the Product V-10170 2.13 SC Insecticide: Description of Production Process for V-10170 2.13 SC Insecticide: Description of Formulation. Project Number: 2007/10170/001, 200700274. Unpublished study prepared by Valent U.S.A. Corporation. 250 p. |
| 47206501 | Mitchell, H. (2007) Product Chemistry of Insecticide TD Concentrate. Project Number: BR/2564, 201639, AM001704KF2. Unpublished study prepared by Bayer Corp. 408 p. |
| 47226101 | Taylor, E. (2007) Product Identity and Composition of V-10170 5 FS Insecticide: Description of Materials Used to Produce the Product V-10170 5 FS Insecticide: Description of Production Process for V-10170 5 FS Insecticide: Description of Formulation Process for V-10170 5 FS Insecticide: Discussion of Formation of Impurities for V-10170 5 FS Insecticide: Preliminary Analysis of V-10170 5 FS Insecticide: Certified Limits for V-10170 5 FS Insecticide: Enforcement Analytical Method for V-10170 5 FS Insecticide: Submittal of Samples for V-10170 5 FS Insecticide. Project Number: 2007/10170/002, 200700339. Unpublished study prepared by Valent U.S.A. Corporation. 311 p. |
| 47437901 | Hines, D. (2008) The Physical Characterization of L1847 End-Use Product. Project Number: PC/08/003, ZZ1068, PC/08/003MV. Unpublished study prepared by Bayer Cropscience. 181 p. |
| 47483001 | Hines, D. (2008) Product Chemistry of Sepresto 75WS. Project Number: M/304667/01/1, BR/2645. Unpublished study prepared by Bayer CropScience. 126 p. |
| 47483301 | Hines, D. (2008) The Physical Characterization of L1829 End-Use Product. Project Number: PC/08/008, PC/08/008MV, ZZ1070. Unpublished study prepared by Bayer Cropscience LP. 166 p. |
| 47662001 | Huchet, G. (2008) Product Chemistry of Bayer Advanced Flower, Rose & Shrub Care II. Project Number: M/306688/01/1, BR2650. Unpublished study prepared by Bayer CropScience. 324 p. |
| 47662301 | Huchet, G. (2008) Product Chemistry of Bayer Advanced Flower, Rose and Shrub Care III. Project Number: BR/2654, M/307207/01/1, 08FD075. Unpublished study prepared by Bayer CropScience. 271 p. |
| 47783701 | Huchet, G. (2008) Product Chemistry of Insecticide TD Granule. Project Number: BR2632, FD05808, FD05908. Unpublished study prepared by Bayer CropScience. 246 p. |
| 47835907 | Hines, D. (2009) The Physical Characterization of L1902 End-Use Product. Project Number: M/354425/01/1, PC/09/002, M/354425/01/1/OCR. Unpublished study prepared by Bayer CropScience, LP. 198 p. |
| 48024201 | Hines, D. (2010) Product Chemistry of Penclotrime 310.68FS. Project Number: M/365173/01/1, BR/2686, M/365173/01/1/OCR. Unpublished study prepared by Bayer CropScience. 360 p. |
| 48024601 | Hines, D. (2010) Product Chemistry of Penclo 273.5FS. Project Number: M/365179/01/1, BR/2691, M/365179/01/1/OCR. Unpublished study prepared by Bayer CropScience. 349 p. |
| 48311202 | Russell, R. (2010) Product Identity and Composition, Description of Materials, Method Used to Produce the Product, Description of the Formulation Process and Discussion of the Formation of Impurities in Inovate Seed Protectant: Final Report. Project Number: GRL/12938. Unpublished study prepared by Chemtura Canada Co./Cie. 77 p. |
| 48505201 | Taylor, E. (2011) Product Identity and Composition, Description of Materials Used to Produce the Product, Description of Production Process, Description of Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis, Certified Limits, Enforcement Analytical Method and Submittal of Samples of NipsIt SUITE Cereals OF Seed Protectant. Project Number: 201100153A, 201100153B, 2011/10304/001. Unpublished study prepared by Valent U.S.A. Corporation. 306 p. |
| 48525801 | Taylor, E. (2011) Product Identity and Composition of Nipslt SUITE Cereals OF Seed Protectant; Description of Materials Used to Produce the Product Nipslt SUITE Cereals OF Seed Protectant; Description of Production Process for Nipslt SUITE Cereals OF Seed Protectant; Description of Formulation Process for Nipslt SUITE Cereals OF Seed Protectant; Discussion of Formation of Impurities for Nipslt SUITE Cereals OF Seed Protectant; Preliminary Analysis of Nipslt SUITE Cereals OF Seed Protectant; Certified Limits for Nipslt SUITE Cereals OF Seed Protectant; Enforcement Analytical Method for Nipslt SUITE Cereals OF Seed Protectant; Submittal of Samples for Nipslt SUITE Cereals OF Seed Protectant. Project Number: 201100153A, 2011/10304/001. Unpublished study prepared by Valent Dublin Laboratory. 306 p. |
| 48531801 | Taylor, E. (2010) Product ldentity and Composition: (Description of Materials Used to Produce the Product: Description of Production Process: Description of Formulation Process: Discussion of Formation of Impurities: Preliminary Analysis: Certified Limits: Enforcement Analytical Method: Submittal of Samples for Nipslt Suite Canola Seed Protectant). Project Number: 2010/10262/001. Unpublished study prepared by Valent U.S.A. Corporation. 344 p. |
| 48596301 | Hines, D. (2011) The Physical Characterization of Poncho Votivo End-use Product. Project Number: M/413769/01/1 PC/11/003/OCR. Unpublished study prepared by Bayer CropScience. 288p. |
| 48677201 | Jeffries, D. (2011) Product Identity and Composition of VBC3 Concentrate. Project Number: 0306. Unpublished study prepared by Valent Bioscience Corporation. 156p. |
| 48720701 | Russell, R. (2013) Product Identity and Composition, Description of Materials, Method Used to Produce the Product, Description of the Formulation Process and Discussion of the Formation of Impurities in Inovate Pro (UBI 7004-00). Project Number: GRL/13229. Unpublished study prepared by Chemtura Canada Co./Cie. 88p. |
| 48875701 | Jeffries, D. (2012) Product Identity and Composition of Clothianidin 7.5 MC. Project Number: VBC/5/2012. Unpublished study prepared by Valent BioSciences Co. 120p. |
| 48877301 | Hines, D. (2012) The Physical Characterization of Poncho Votivo End-Use Product. Project Number: M/431700/01/1/OCR, PC/12/007. Unpublished study prepared by Bayer CropScience. 282p. |
| 48998601 | Jeffries, D. (2012) Product Identity and Composition of VBC3 Aerosol. Unpublished study prepared by Valent BioSciences Corporation. 66p. |
| 49072102 | Baker, B. (2013) Product Chemistry of BES0600 Insecticide. Project Number: M/451100/02/1, MV071, MO4588. Unpublished study prepared by Bayer Corp. 311p. |
| 49198702 | Wagner, S. (2013) Material Accountability of Technical Clothianidin (TI 435, AE 1283742). Project Number: 201400010, 15/920/2629, M/464906/0/1/2. Unpublished study prepared by Bayer CropScience AG. 70p. |
| 49198703 | Volkman, T. (2013) Clothianidin Technical Grade Active Substance Discussion of Formation of Impurities (Specification No.: 102000027843). Project Number: 201400011, M/466456/01/1. Unpublished study prepared by Bayer CropScience AG. 8p. |
| 49372001 | Hawkins, E. (2014) Product Identity and Composition, Description of Materials, Method Used to Produce the Product, Description of the Formulation Process and Discussion of the Formation of Impurities in INTEGO SUITE Seed Protectant (UBI 7009-00). Project Number: 201400127, EFT14/06. Unpublished study prepared by Chemtura Europe, Ltd. 97p. |
| 49447701 | Cheung, S. (2014) INTEGO SUITE Seed Protectant: Product Identity, Composition, and Analysis. Project Number: 201400218, VP/38904. Unpublished study prepared by Valent U.S.A. Corporation. 113p. |
| 49551601 | Ditto, S. (2015) Formulation Process Description for MGK(R) Formula 30643. Project Number: MGK/REG/249. Unpublished study prepared by McLaughlin Gormley King Company. 24p. |
| 49561601 | Ditto, S. (2015) Formulation Process Descriptoin for MGK Formula 3113. Project Number: MGK/REG/257. Unpublished study prepared by McLaughlin Gormley King Company. 10p. |
| 49705701 | Cheung, S. (2016) INTEGO SUITE Cereals OF: Product Identity, Composition, and Analysis. Project Number: 201600039, VP/39225. Unpublished study prepared by Valent U.S.A. Corporation. 95p. |
| 49787903 | Ditto, S. (2016) Formulation Process Description for MGK Formula 3119. Project Number: MGK/REG/289. Unpublished study prepared by McLaughlin Gormley King Company. 29p. |
| 49788002 | Ditto, S. (2016) Formulation Process Description for MGK Formula 3104. Project Number: MGK/REG/290. Unpublished study prepared by McLaughlin Gormley King Company. 31p. |
| 50207201 | Wei, A. (2017) Ampex SC Insecticide: Product Identity and Composition, Description of Materials Used to Produce the Product, Description of Production Process, Description of Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis, Certified Limits, Enforcement Analytical Method, Submittal of Samples. Project Number: 201700218, VP/41071. Unpublished study prepared by Valent U.S.A. LLC. 228p. |
| 50284902 | Ditto, S. (2017) Formulation Process Description for MGK(R) Formula 3128. Project Number: MGK/REG/315. Unpublished study prepared by McLaughlin Gormley King Company. 19p. |
| 50285002 | Ditto, S. (2017) Formulation Process Description for MGK Formula 3129. Project Number: MGK/REG/312. Unpublished study prepared by McLaughlin Gormley King Company. 20p. |
| 50312607 | Wei, A. (2017) AmpexTM SC Insecticide: Product Identity and Composition, Description of Materials Used to Produce the Product, Description of Production Process, Description of Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis, Certified Limits, Enforcement Analytical Method, Submittal of Samples. Project Number: 201700368, VP/41071. Unpublished study prepared by Valent U.S.A. LLC. 228p. |
| 50604201 | Lennan, T. (2018) Formulation Process Description for MGK Formula 3144. Project Number: STD00324. Unpublished study prepared by McLaughlin Gormley King Company. 33p. |
| 50712401 | Kratzer, B.; Danz, M. (2020) Description of the Manufacturing Process of Clothianidin / BAS 374 I (Hailir). Project Number: 202000042, 2020/2028168. Unpublished Study Prepared by BASF SE. 80p. |
| 50712901 | Ogawa, T. (2020) V-10503 FS: Product Identity and Composition, Description of Materials Used to Produce the Product, Description of Production Process, Description of Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis, Certified Limits, Enforcement Analytical Method, Submittal of Samples. Project Number: V/20/201740. Unpublished study prepared by Valent U.S.A., LLC. 324p. |
| 50713308 | Liu, J. (2020) V-10170-VC2100 Insecticide: Product Identity, Composition, and Analysis. Project Number: VP/201902. Unpublished study prepared by Valent U.S.A., LLC. 283p. |
| 50910807 | Demirci, F. (2019) Poncho Votivo 2.0 Seed Treatment (BAS 499 00 I): Group A - Product Identity, Composition and Analysis. Project Number: 2019/2042519. Unpublished study prepared by BASF SE. 148p. |
| 51243901 | Armstrong, A. (2020) Sharda Clothianidin Technical: Product Identity and Composition, Description of Materials, Description of Production Process, Discussion of Formation and Toxicity of Impurities, and Certified Limits. Unpublished study prepared by Sharda CropChem Limited. 53p. |
| 51255102 | Lennan, T. (2020) Formulation Process Description for MGK Formula 3096. Project Number: STD01305. Unpublished study prepared by McLaughlin Gormley King Company, D/B/A MGK. 19p. |
| 51300502 | Lennan, T. (2020) Formulation Process Description for MGK Formula 31751. Project Number: STD01320. Unpublished Study Prepared by McLaughlin Gormley King Company. 21p. |
| 51300602 | Lennan, T. (2020) Formulation Process Description for MGK Formula 31761. Project Number: STD01321. Unpublished Study Prepared by McLaughlin Gormley King Company. 23p. |
| 51428301 | Hardie, R. (2021) Sharda Clothianidin 48% FS: Product Identity and Composition, Description of Materials, Manufacturing Process, Discussion of Formation and Toxicity of Impurities and Certified Limits. Unpublished Study Prepared by Sharda USA LLC. 93p . |

**830.1700       Preliminary analysis**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46345601 | Fontaine, L. (2004) Product Chemistry of Clothianidin Technical. Project Number: BR/2445, 15/920/2215, ANR/13504. Unpublished study prepared by Bayer Corp. 207 p. |
| 46988201 | Robaugh, D. (2005) A Storage Stability, Corrosion Study, and Assay of the Formulations TM-44402: (TM-444 0.5G): Final Report. Project Number: TMN/0248, ARVESTA/1445. Unpublished study prepared by Pyxant Labs Inc. 91 p. |
| 46988202 | Robaugh, D. (2005) A Storage Stability, Corrosion Study, and Assay of the Formulations TM-44403: (TM-444 16 WSG): Final Report. Project Number: TMN/0248, ARVESTA/1445. Unpublished study prepared by Pyxant Labs Inc. 89 p. |
| 47007801 | Folsom, B. (2006) Product Chemistry of Poncho Beta. Project Number: 02/00041, 14/1050/5281, BR2548. Unpublished study prepared by Bayer Corp. 281 p. |
| 47096001 | Bujor, D. (2007) Group A and B of ARY044415 SC: ALOFT GC SC: ALOFT LC SC: Group A - Product Identity, Composition and Analysis: Group B - Physical/Chemical Properties. Project Number: AR/0705, AR/0706, AR44415/2007. Unpublished study prepared by Arysta LifeScience North America Corporation. 88 p. |
| 47096003 | Bujor, D. (2007) Group A and B of ARY044416 G: ALOFT GC G: ALOFT LC G: Group A - Product Identity, Composition and Analysis: Group B - Physical/Chemical Properties. Project Number: AR/0703, AR/0704, AR44416/2007. Unpublished study prepared by Arysta LifeScience North America Corporation. 54 p. |
| 47177401 | Taylor, E. (2007) Product Identity and Composition of V-10170 2.13 SC Insecticide: Description of Materials Used to Produce the Product V-10170 2.13 SC Insecticide: Description of Production Process for V-10170 2.13 SC Insecticide: Description of Formulation. Project Number: 2007/10170/001, 200700274. Unpublished study prepared by Valent U.S.A. Corporation. 250 p. |
| 47226101 | Taylor, E. (2007) Product Identity and Composition of V-10170 5 FS Insecticide: Description of Materials Used to Produce the Product V-10170 5 FS Insecticide: Description of Production Process for V-10170 5 FS Insecticide: Description of Formulation Process for V-10170 5 FS Insecticide: Discussion of Formation of Impurities for V-10170 5 FS Insecticide: Preliminary Analysis of V-10170 5 FS Insecticide: Certified Limits for V-10170 5 FS Insecticide: Enforcement Analytical Method for V-10170 5 FS Insecticide: Submittal of Samples for V-10170 5 FS Insecticide. Project Number: 2007/10170/002, 200700339. Unpublished study prepared by Valent U.S.A. Corporation. 311 p. |
| 47278101 | Yoshida, Y. (2007) Preliminary Analysis of Clothianidin Technical Grade Active Ingredient: Final Report. Project Number: IGD07002, 200700627. Unpublished study prepared by Sumika Chemical Analysis Service, Ltd. 63 p. |
| 47483001 | Hines, D. (2008) Product Chemistry of Sepresto 75WS. Project Number: M/304667/01/1, BR/2645. Unpublished study prepared by Bayer CropScience. 126 p. |
| 47662301 | Huchet, G. (2008) Product Chemistry of Bayer Advanced Flower, Rose and Shrub Care III. Project Number: BR/2654, M/307207/01/1, 08FD075. Unpublished study prepared by Bayer CropScience. 271 p. |
| 47783701 | Huchet, G. (2008) Product Chemistry of Insecticide TD Granule. Project Number: BR2632, FD05808, FD05908. Unpublished study prepared by Bayer CropScience. 246 p. |
| 48525801 | Taylor, E. (2011) Product Identity and Composition of Nipslt SUITE Cereals OF Seed Protectant; Description of Materials Used to Produce the Product Nipslt SUITE Cereals OF Seed Protectant; Description of Production Process for Nipslt SUITE Cereals OF Seed Protectant; Description of Formulation Process for Nipslt SUITE Cereals OF Seed Protectant; Discussion of Formation of Impurities for Nipslt SUITE Cereals OF Seed Protectant; Preliminary Analysis of Nipslt SUITE Cereals OF Seed Protectant; Certified Limits for Nipslt SUITE Cereals OF Seed Protectant; Enforcement Analytical Method for Nipslt SUITE Cereals OF Seed Protectant; Submittal of Samples for Nipslt SUITE Cereals OF Seed Protectant. Project Number: 201100153A, 2011/10304/001. Unpublished study prepared by Valent Dublin Laboratory. 306 p. |
| 48677202 | Jeffries, D. (2011) Analysis and Certification of Product Ingredients of VBC3. Unpublished study prepared by Valent BioScience Corporation. 31p. |
| 48842501 | Allen, R. (2012) Waiver Request: Clothianidin Lysimeter and Prospective Groundwater Studies. Project Number: 201200186/OCR, VP/38304. Unpublished study prepared by Valent Dublin Laboratory. 16p. |
| 48875702 | Jeffries, D. (2012) Analysis and Certification of Product Ingredients of Clothianidin 7.5 MC. Project Number: VC/ESD/042104B. Unpublished study prepared by Valent BioSciences Co. 14p. |
| 48998602 | Jeffries, D. (2012) Analysis and Certification of Product Ingredients of VBC3 Aerosol. Unpublished study prepared by Valent BioSciences Corp. 30p. |
| 49198702 | Wagner, S. (2013) Material Accountability of Technical Clothianidin (TI 435, AE 1283742). Project Number: 201400010, 15/920/2629, M/464906/0/1/2. Unpublished study prepared by Bayer CropScience AG. 70p. |
| 49372002 | Charlton, R. (2014) INTEGO SUITE Neutral Seed Protectant: Product Chemistry Group A Waiver Requests and Supplementary Information. Project Number: 201400132, VP/38871. Unpublished study prepared by Valent U.S.A. Corporation. 22p. |
| 49447701 | Cheung, S. (2014) INTEGO SUITE Seed Protectant: Product Identity, Composition, and Analysis. Project Number: 201400218, VP/38904. Unpublished study prepared by Valent U.S.A. Corporation. 113p. |
| 49705701 | Cheung, S. (2016) INTEGO SUITE Cereals OF: Product Identity, Composition, and Analysis. Project Number: 201600039, VP/39225. Unpublished study prepared by Valent U.S.A. Corporation. 95p. |
| 50207201 | Wei, A. (2017) Ampex SC Insecticide: Product Identity and Composition, Description of Materials Used to Produce the Product, Description of Production Process, Description of Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis, Certified Limits, Enforcement Analytical Method, Submittal of Samples. Project Number: 201700218, VP/41071. Unpublished study prepared by Valent U.S.A. LLC. 228p. |
| 50312607 | Wei, A. (2017) AmpexTM SC Insecticide: Product Identity and Composition, Description of Materials Used to Produce the Product, Description of Production Process, Description of Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis, Certified Limits, Enforcement Analytical Method, Submittal of Samples. Project Number: 201700368, VP/41071. Unpublished study prepared by Valent U.S.A. LLC. 228p. |
| 50712402 | Damnjanovic, V. (2020) Determination of Active Content and Impurity Profile of Clothianidin. Project Number: 202000041, QH/002. Unpublished Study Prepared by AgriFor Scientific Pty Limited. 169p. |
| 50712901 | Ogawa, T. (2020) V-10503 FS: Product Identity and Composition, Description of Materials Used to Produce the Product, Description of Production Process, Description of Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis, Certified Limits, Enforcement Analytical Method, Submittal of Samples. Project Number: V/20/201740. Unpublished study prepared by Valent U.S.A., LLC. 324p. |
| 50713308 | Liu, J. (2020) V-10170-VC2100 Insecticide: Product Identity, Composition, and Analysis. Project Number: VP/201902. Unpublished study prepared by Valent U.S.A., LLC. 283p. |
| 50910807 | Demirci, F. (2019) Poncho Votivo 2.0 Seed Treatment (BAS 499 00 I): Group A - Product Identity, Composition and Analysis. Project Number: 2019/2042519. Unpublished study prepared by BASF SE. 148p. |
| 51243902 | Roehri, C. (2018) Purity Profile of 5 Batches of Clothianidin Technical: Final Report. Project Number: R/B7160. Unpublished study prepared by Anadiag S.A. 231p. |
| 51428301 | Hardie, R. (2021) Sharda Clothianidin 48% FS: Product Identity and Composition, Description of Materials, Manufacturing Process, Discussion of Formation and Toxicity of Impurities and Certified Limits. Unpublished Study Prepared by Sharda USA LLC. 93p . |

**830.1750       Certified limits**

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| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46088501 | Cornes, S.; Mollica, J. (2003) U.S. EPA Product Properties Test Guidelines Group A and B of TM-44403 16 WSG. Project Number: TMN/0247, TMN/0248, 1444. Unpublished study prepared by Pyxant Labs Inc. and Arvesta Corporation. 53 p. |
| 46088502 | Cornes, S.; Mollica, J. (2003) U.S. EPA Product Properties Test Guidelines - Group A and B of TM-44402 0.5 G. Project Number: TMN/0247, TMN/0248, 1444. Unpublished study prepared by Pyxant Labs Inc. and Aventis Corporation. 63 p. |
| 46345601 | Fontaine, L. (2004) Product Chemistry of Clothianidin Technical. Project Number: BR/2445, 15/920/2215, ANR/13504. Unpublished study prepared by Bayer Corp. 207 p. |
| 46482301 | Frank, J. (2005) Product Chemistry of AE 1283742 03 SC47 A1. Project Number: BR/2372, 201180, ANR/00405. Unpublished study prepared by Bayer Corp. 166 p. |
| 47007801 | Folsom, B. (2006) Product Chemistry of Poncho Beta. Project Number: 02/00041, 14/1050/5281, BR2548. Unpublished study prepared by Bayer Corp. 281 p. |
| 47096001 | Bujor, D. (2007) Group A and B of ARY044415 SC: ALOFT GC SC: ALOFT LC SC: Group A - Product Identity, Composition and Analysis: Group B - Physical/Chemical Properties. Project Number: AR/0705, AR/0706, AR44415/2007. Unpublished study prepared by Arysta LifeScience North America Corporation. 88 p. |
| 47096003 | Bujor, D. (2007) Group A and B of ARY044416 G: ALOFT GC G: ALOFT LC G: Group A - Product Identity, Composition and Analysis: Group B - Physical/Chemical Properties. Project Number: AR/0703, AR/0704, AR44416/2007. Unpublished study prepared by Arysta LifeScience North America Corporation. 54 p. |
| 47177401 | Taylor, E. (2007) Product Identity and Composition of V-10170 2.13 SC Insecticide: Description of Materials Used to Produce the Product V-10170 2.13 SC Insecticide: Description of Production Process for V-10170 2.13 SC Insecticide: Description of Formulation. Project Number: 2007/10170/001, 200700274. Unpublished study prepared by Valent U.S.A. Corporation. 250 p. |
| 47206501 | Mitchell, H. (2007) Product Chemistry of Insecticide TD Concentrate. Project Number: BR/2564, 201639, AM001704KF2. Unpublished study prepared by Bayer Corp. 408 p. |
| 47226101 | Taylor, E. (2007) Product Identity and Composition of V-10170 5 FS Insecticide: Description of Materials Used to Produce the Product V-10170 5 FS Insecticide: Description of Production Process for V-10170 5 FS Insecticide: Description of Formulation Process for V-10170 5 FS Insecticide: Discussion of Formation of Impurities for V-10170 5 FS Insecticide: Preliminary Analysis of V-10170 5 FS Insecticide: Certified Limits for V-10170 5 FS Insecticide: Enforcement Analytical Method for V-10170 5 FS Insecticide: Submittal of Samples for V-10170 5 FS Insecticide. Project Number: 2007/10170/002, 200700339. Unpublished study prepared by Valent U.S.A. Corporation. 311 p. |
| 47483001 | Hines, D. (2008) Product Chemistry of Sepresto 75WS. Project Number: M/304667/01/1, BR/2645. Unpublished study prepared by Bayer CropScience. 126 p. |
| 47483301 | Hines, D. (2008) The Physical Characterization of L1829 End-Use Product. Project Number: PC/08/008, PC/08/008MV, ZZ1070. Unpublished study prepared by Bayer Cropscience LP. 166 p. |
| 47662001 | Huchet, G. (2008) Product Chemistry of Bayer Advanced Flower, Rose & Shrub Care II. Project Number: M/306688/01/1, BR2650. Unpublished study prepared by Bayer CropScience. 324 p. |
| 47662301 | Huchet, G. (2008) Product Chemistry of Bayer Advanced Flower, Rose and Shrub Care III. Project Number: BR/2654, M/307207/01/1, 08FD075. Unpublished study prepared by Bayer CropScience. 271 p. |
| 47783701 | Huchet, G. (2008) Product Chemistry of Insecticide TD Granule. Project Number: BR2632, FD05808, FD05908. Unpublished study prepared by Bayer CropScience. 246 p. |
| 47835907 | Hines, D. (2009) The Physical Characterization of L1902 End-Use Product. Project Number: M/354425/01/1, PC/09/002, M/354425/01/1/OCR. Unpublished study prepared by Bayer CropScience, LP. 198 p. |
| 48024201 | Hines, D. (2010) Product Chemistry of Penclotrime 310.68FS. Project Number: M/365173/01/1, BR/2686, M/365173/01/1/OCR. Unpublished study prepared by Bayer CropScience. 360 p. |
| 48024601 | Hines, D. (2010) Product Chemistry of Penclo 273.5FS. Project Number: M/365179/01/1, BR/2691, M/365179/01/1/OCR. Unpublished study prepared by Bayer CropScience. 349 p. |
| 48311204 | Russell, R. (2010) Certified Limits of Inovate Seed Protectant: Final Report. Project Number: GRL/12937. Unpublished study prepared by Chemtura Canada Co./Cie. 14 p. |
| 48505201 | Taylor, E. (2011) Product Identity and Composition, Description of Materials Used to Produce the Product, Description of Production Process, Description of Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis, Certified Limits, Enforcement Analytical Method and Submittal of Samples of NipsIt SUITE Cereals OF Seed Protectant. Project Number: 201100153A, 201100153B, 2011/10304/001. Unpublished study prepared by Valent U.S.A. Corporation. 306 p. |
| 48525801 | Taylor, E. (2011) Product Identity and Composition of Nipslt SUITE Cereals OF Seed Protectant; Description of Materials Used to Produce the Product Nipslt SUITE Cereals OF Seed Protectant; Description of Production Process for Nipslt SUITE Cereals OF Seed Protectant; Description of Formulation Process for Nipslt SUITE Cereals OF Seed Protectant; Discussion of Formation of Impurities for Nipslt SUITE Cereals OF Seed Protectant; Preliminary Analysis of Nipslt SUITE Cereals OF Seed Protectant; Certified Limits for Nipslt SUITE Cereals OF Seed Protectant; Enforcement Analytical Method for Nipslt SUITE Cereals OF Seed Protectant; Submittal of Samples for Nipslt SUITE Cereals OF Seed Protectant. Project Number: 201100153A, 2011/10304/001. Unpublished study prepared by Valent Dublin Laboratory. 306 p. |
| 48531801 | Taylor, E. (2010) Product ldentity and Composition: (Description of Materials Used to Produce the Product: Description of Production Process: Description of Formulation Process: Discussion of Formation of Impurities: Preliminary Analysis: Certified Limits: Enforcement Analytical Method: Submittal of Samples for Nipslt Suite Canola Seed Protectant). Project Number: 2010/10262/001. Unpublished study prepared by Valent U.S.A. Corporation. 344 p. |
| 48596301 | Hines, D. (2011) The Physical Characterization of Poncho Votivo End-use Product. Project Number: M/413769/01/1 PC/11/003/OCR. Unpublished study prepared by Bayer CropScience. 288p. |
| 48677202 | Jeffries, D. (2011) Analysis and Certification of Product Ingredients of VBC3. Unpublished study prepared by Valent BioScience Corporation. 31p. |
| 48720702 | Russell, R. (2013) Certified Limits of Inovate Pro (UBI 7004-00). Project Number: GRL/13230. Unpublished study prepared by Chemtura Canada Co./Cie. 14p. |
| 48875702 | Jeffries, D. (2012) Analysis and Certification of Product Ingredients of Clothianidin 7.5 MC. Project Number: VC/ESD/042104B. Unpublished study prepared by Valent BioSciences Co. 14p. |
| 48877301 | Hines, D. (2012) The Physical Characterization of Poncho Votivo End-Use Product. Project Number: M/431700/01/1/OCR, PC/12/007. Unpublished study prepared by Bayer CropScience. 282p. |
| 48998602 | Jeffries, D. (2012) Analysis and Certification of Product Ingredients of VBC3 Aerosol. Unpublished study prepared by Valent BioSciences Corp. 30p. |
| 49198702 | Wagner, S. (2013) Material Accountability of Technical Clothianidin (TI 435, AE 1283742). Project Number: 201400010, 15/920/2629, M/464906/0/1/2. Unpublished study prepared by Bayer CropScience AG. 70p. |
| 49198704 | Volkmann, T. (2013) Clothianidin Technical Grade Active Substance Justification of Certified Limits (Specification No.: 102000027843). Project Number: 201400008, M/466821/0/1/2. Unpublished study prepared by Bayer CropScience AG. 9p. |
| 49372003 | Hawkins, E. (2014) Certified Limits of INTEGO SUITE Neutral Seed Protectant (UBI 7009-00). Project Number: 201400129, EFT14/07. Unpublished study prepared by Chemtura Europe, Ltd. 18p. |
| 49447701 | Cheung, S. (2014) INTEGO SUITE Seed Protectant: Product Identity, Composition, and Analysis. Project Number: 201400218, VP/38904. Unpublished study prepared by Valent U.S.A. Corporation. 113p. |
| 49551601 | Ditto, S. (2015) Formulation Process Description for MGK(R) Formula 30643. Project Number: MGK/REG/249. Unpublished study prepared by McLaughlin Gormley King Company. 24p. |
| 49561601 | Ditto, S. (2015) Formulation Process Descriptoin for MGK Formula 3113. Project Number: MGK/REG/257. Unpublished study prepared by McLaughlin Gormley King Company. 10p. |
| 49705701 | Cheung, S. (2016) INTEGO SUITE Cereals OF: Product Identity, Composition, and Analysis. Project Number: 201600039, VP/39225. Unpublished study prepared by Valent U.S.A. Corporation. 95p. |
| 49787903 | Ditto, S. (2016) Formulation Process Description for MGK Formula 3119. Project Number: MGK/REG/289. Unpublished study prepared by McLaughlin Gormley King Company. 29p. |
| 49788002 | Ditto, S. (2016) Formulation Process Description for MGK Formula 3104. Project Number: MGK/REG/290. Unpublished study prepared by McLaughlin Gormley King Company. 31p. |
| 50207201 | Wei, A. (2017) Ampex SC Insecticide: Product Identity and Composition, Description of Materials Used to Produce the Product, Description of Production Process, Description of Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis, Certified Limits, Enforcement Analytical Method, Submittal of Samples. Project Number: 201700218, VP/41071. Unpublished study prepared by Valent U.S.A. LLC. 228p. |
| 50284902 | Ditto, S. (2017) Formulation Process Description for MGK(R) Formula 3128. Project Number: MGK/REG/315. Unpublished study prepared by McLaughlin Gormley King Company. 19p. |
| 50285002 | Ditto, S. (2017) Formulation Process Description for MGK Formula 3129. Project Number: MGK/REG/312. Unpublished study prepared by McLaughlin Gormley King Company. 20p. |
| 50312607 | Wei, A. (2017) AmpexTM SC Insecticide: Product Identity and Composition, Description of Materials Used to Produce the Product, Description of Production Process, Description of Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis, Certified Limits, Enforcement Analytical Method, Submittal of Samples. Project Number: 201700368, VP/41071. Unpublished study prepared by Valent U.S.A. LLC. 228p. |
| 50604201 | Lennan, T. (2018) Formulation Process Description for MGK Formula 3144. Project Number: STD00324. Unpublished study prepared by McLaughlin Gormley King Company. 33p. |
| 50712403 | Kratzer, B. (2020) Clothianidin TGAI - Justification of Specified Limits. Project Number: 202000043, 2020/2037711. Unpublished Study Prepared by BASF SE. 5p. |
| 50712901 | Ogawa, T. (2020) V-10503 FS: Product Identity and Composition, Description of Materials Used to Produce the Product, Description of Production Process, Description of Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis, Certified Limits, Enforcement Analytical Method, Submittal of Samples. Project Number: V/20/201740. Unpublished study prepared by Valent U.S.A., LLC. 324p. |
| 50713308 | Liu, J. (2020) V-10170-VC2100 Insecticide: Product Identity, Composition, and Analysis. Project Number: VP/201902. Unpublished study prepared by Valent U.S.A., LLC. 283p. |
| 50910807 | Demirci, F. (2019) Poncho Votivo 2.0 Seed Treatment (BAS 499 00 I): Group A - Product Identity, Composition and Analysis. Project Number: 2019/2042519. Unpublished study prepared by BASF SE. 148p. |
| 51243901 | Armstrong, A. (2020) Sharda Clothianidin Technical: Product Identity and Composition, Description of Materials, Description of Production Process, Discussion of Formation and Toxicity of Impurities, and Certified Limits. Unpublished study prepared by Sharda CropChem Limited. 53p. |
| 51255102 | Lennan, T. (2020) Formulation Process Description for MGK Formula 3096. Project Number: STD01305. Unpublished study prepared by McLaughlin Gormley King Company, D/B/A MGK. 19p. |
| 51300502 | Lennan, T. (2020) Formulation Process Description for MGK Formula 31751. Project Number: STD01320. Unpublished Study Prepared by McLaughlin Gormley King Company. 21p. |
| 51300602 | Lennan, T. (2020) Formulation Process Description for MGK Formula 31761. Project Number: STD01321. Unpublished Study Prepared by McLaughlin Gormley King Company. 23p. |
| 51428301 | Hardie, R. (2021) Sharda Clothianidin 48% FS: Product Identity and Composition, Description of Materials, Manufacturing Process, Discussion of Formation and Toxicity of Impurities and Certified Limits. Unpublished Study Prepared by Sharda USA LLC. 93p . |

**830.1800       Enforcement analytical method**

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| **MRID** | **Citation Reference** |
|  |  |
| 46088501 | Cornes, S.; Mollica, J. (2003) U.S. EPA Product Properties Test Guidelines Group A and B of TM-44403 16 WSG. Project Number: TMN/0247, TMN/0248, 1444. Unpublished study prepared by Pyxant Labs Inc. and Arvesta Corporation. 53 p. |
| 46088502 | Cornes, S.; Mollica, J. (2003) U.S. EPA Product Properties Test Guidelines - Group A and B of TM-44402 0.5 G. Project Number: TMN/0247, TMN/0248, 1444. Unpublished study prepared by Pyxant Labs Inc. and Aventis Corporation. 63 p. |
| 46345601 | Fontaine, L. (2004) Product Chemistry of Clothianidin Technical. Project Number: BR/2445, 15/920/2215, ANR/13504. Unpublished study prepared by Bayer Corp. 207 p. |
| 46482301 | Frank, J. (2005) Product Chemistry of AE 1283742 03 SC47 A1. Project Number: BR/2372, 201180, ANR/00405. Unpublished study prepared by Bayer Corp. 166 p. |
| 46850602 | Hines, D.; Bates, P. (2005) The Method Validation of GUS 7082-00 End-Use Product. Project Number: PC/04/005MV, DEH020/056. Unpublished study prepared by Gustafson LLC. 53 p. |
| 46853908 | Bates, P.; Hines, D. (2005) The Method Validation of GUS 7082-00 End-Use Product. Project Number: PC/04/005MV, /NOTEBOOK/DEH020/056. Unpublished study prepared by Gustafson Seed Technology Center. 53 p. |
| 47007801 | Folsom, B. (2006) Product Chemistry of Poncho Beta. Project Number: 02/00041, 14/1050/5281, BR2548. Unpublished study prepared by Bayer Corp. 281 p. |
| 47096001 | Bujor, D. (2007) Group A and B of ARY044415 SC: ALOFT GC SC: ALOFT LC SC: Group A - Product Identity, Composition and Analysis: Group B - Physical/Chemical Properties. Project Number: AR/0705, AR/0706, AR44415/2007. Unpublished study prepared by Arysta LifeScience North America Corporation. 88 p. |
| 47096003 | Bujor, D. (2007) Group A and B of ARY044416 G: ALOFT GC G: ALOFT LC G: Group A - Product Identity, Composition and Analysis: Group B - Physical/Chemical Properties. Project Number: AR/0703, AR/0704, AR44416/2007. Unpublished study prepared by Arysta LifeScience North America Corporation. 54 p. |
| 47177401 | Taylor, E. (2007) Product Identity and Composition of V-10170 2.13 SC Insecticide: Description of Materials Used to Produce the Product V-10170 2.13 SC Insecticide: Description of Production Process for V-10170 2.13 SC Insecticide: Description of Formulation. Project Number: 2007/10170/001, 200700274. Unpublished study prepared by Valent U.S.A. Corporation. 250 p. |
| 47206501 | Mitchell, H. (2007) Product Chemistry of Insecticide TD Concentrate. Project Number: BR/2564, 201639, AM001704KF2. Unpublished study prepared by Bayer Corp. 408 p. |
| 47226101 | Taylor, E. (2007) Product Identity and Composition of V-10170 5 FS Insecticide: Description of Materials Used to Produce the Product V-10170 5 FS Insecticide: Description of Production Process for V-10170 5 FS Insecticide: Description of Formulation Process for V-10170 5 FS Insecticide: Discussion of Formation of Impurities for V-10170 5 FS Insecticide: Preliminary Analysis of V-10170 5 FS Insecticide: Certified Limits for V-10170 5 FS Insecticide: Enforcement Analytical Method for V-10170 5 FS Insecticide: Submittal of Samples for V-10170 5 FS Insecticide. Project Number: 2007/10170/002, 200700339. Unpublished study prepared by Valent U.S.A. Corporation. 311 p. |
| 47483001 | Hines, D. (2008) Product Chemistry of Sepresto 75WS. Project Number: M/304667/01/1, BR/2645. Unpublished study prepared by Bayer CropScience. 126 p. |
| 47483302 | Hines, D. (2008) The Method of Enforcement Validation of L1829 End-Use-Product. Project Number: PC/08/008MV, DEH027/041, M/301911/01/1. Unpublished study prepared by Bayer CropScience LP. 33 p. |
| 47662001 | Huchet, G. (2008) Product Chemistry of Bayer Advanced Flower, Rose & Shrub Care II. Project Number: M/306688/01/1, BR2650. Unpublished study prepared by Bayer CropScience. 324 p. |
| 47662301 | Huchet, G. (2008) Product Chemistry of Bayer Advanced Flower, Rose and Shrub Care III. Project Number: BR/2654, M/307207/01/1, 08FD075. Unpublished study prepared by Bayer CropScience. 271 p. |
| 47783701 | Huchet, G. (2008) Product Chemistry of Insecticide TD Granule. Project Number: BR2632, FD05808, FD05908. Unpublished study prepared by Bayer CropScience. 246 p. |
| 48024201 | Hines, D. (2010) Product Chemistry of Penclotrime 310.68FS. Project Number: M/365173/01/1, BR/2686, M/365173/01/1/OCR. Unpublished study prepared by Bayer CropScience. 360 p. |
| 48024601 | Hines, D. (2010) Product Chemistry of Penclo 273.5FS. Project Number: M/365179/01/1, BR/2691, M/365179/01/1/OCR. Unpublished study prepared by Bayer CropScience. 349 p. |
| 48505201 | Taylor, E. (2011) Product Identity and Composition, Description of Materials Used to Produce the Product, Description of Production Process, Description of Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis, Certified Limits, Enforcement Analytical Method and Submittal of Samples of NipsIt SUITE Cereals OF Seed Protectant. Project Number: 201100153A, 201100153B, 2011/10304/001. Unpublished study prepared by Valent U.S.A. Corporation. 306 p. |
| 48525801 | Taylor, E. (2011) Product Identity and Composition of Nipslt SUITE Cereals OF Seed Protectant; Description of Materials Used to Produce the Product Nipslt SUITE Cereals OF Seed Protectant; Description of Production Process for Nipslt SUITE Cereals OF Seed Protectant; Description of Formulation Process for Nipslt SUITE Cereals OF Seed Protectant; Discussion of Formation of Impurities for Nipslt SUITE Cereals OF Seed Protectant; Preliminary Analysis of Nipslt SUITE Cereals OF Seed Protectant; Certified Limits for Nipslt SUITE Cereals OF Seed Protectant; Enforcement Analytical Method for Nipslt SUITE Cereals OF Seed Protectant; Submittal of Samples for Nipslt SUITE Cereals OF Seed Protectant. Project Number: 201100153A, 2011/10304/001. Unpublished study prepared by Valent Dublin Laboratory. 306 p. |
| 48531801 | Taylor, E. (2010) Product ldentity and Composition: (Description of Materials Used to Produce the Product: Description of Production Process: Description of Formulation Process: Discussion of Formation of Impurities: Preliminary Analysis: Certified Limits: Enforcement Analytical Method: Submittal of Samples for Nipslt Suite Canola Seed Protectant). Project Number: 2010/10262/001. Unpublished study prepared by Valent U.S.A. Corporation. 344 p. |
| 48596301 | Hines, D. (2011) The Physical Characterization of Poncho Votivo End-use Product. Project Number: M/413769/01/1 PC/11/003/OCR. Unpublished study prepared by Bayer CropScience. 288p. |
| 48677202 | Jeffries, D. (2011) Analysis and Certification of Product Ingredients of VBC3. Unpublished study prepared by Valent BioScience Corporation. 31p. |
| 48875702 | Jeffries, D. (2012) Analysis and Certification of Product Ingredients of Clothianidin 7.5 MC. Project Number: VC/ESD/042104B. Unpublished study prepared by Valent BioSciences Co. 14p. |
| 48877301 | Hines, D. (2012) The Physical Characterization of Poncho Votivo End-Use Product. Project Number: M/431700/01/1/OCR, PC/12/007. Unpublished study prepared by Bayer CropScience. 282p. |
| 48998602 | Jeffries, D. (2012) Analysis and Certification of Product Ingredients of VBC3 Aerosol. Unpublished study prepared by Valent BioSciences Corp. 30p. |
| 49072102 | Baker, B. (2013) Product Chemistry of BES0600 Insecticide. Project Number: M/451100/02/1, MV071, MO4588. Unpublished study prepared by Bayer Corp. 311p. |
| 49372002 | Charlton, R. (2014) INTEGO SUITE Neutral Seed Protectant: Product Chemistry Group A Waiver Requests and Supplementary Information. Project Number: 201400132, VP/38871. Unpublished study prepared by Valent U.S.A. Corporation. 22p. |
| 49372004 | Friedlander, B. (2014) Validation of an Analytical Method for the Determination of Clothanidin, Ipconazole, Metalaxyl and Ethaboxam in Intego Suite Seed Protectant, UBI 7009-00. Project Number: 201400101, GRL/13282, GRL/GM/1312. Unpublished study prepared by Chemtura Canada Co./Cie. 65p. |
| 49447701 | Cheung, S. (2014) INTEGO SUITE Seed Protectant: Product Identity, Composition, and Analysis. Project Number: 201400218, VP/38904. Unpublished study prepared by Valent U.S.A. Corporation. 113p. |
| 49465301 | Schneider, M.; Wagner, S. (2013) Clothianidin (TI 435): Impurities in Technical Grade Active Substance HPLC- External Standard. Project Number: AM022913MP1, M/461315/01/2, VB1/AM0229131P1. Unpublished study prepared by Bayer CropScience AG. 19p. |
| 49551602 | Jeffries, D. (2015) Product Chemistry of MGK Formula 30643. Project Number: GLP/2943. Unpublished study prepared by McLaughlin Gormley King Company. 16p. |
| 49561602 | Jeffries, D. (2015) Product Chemistry and Characterization of MGK Formula 3113. Project Number: GLP/2593. Unpublished study prepared by McLaughlin Gormley King Company. 16p. |
| 49705701 | Cheung, S. (2016) INTEGO SUITE Cereals OF: Product Identity, Composition, and Analysis. Project Number: 201600039, VP/39225. Unpublished study prepared by Valent U.S.A. Corporation. 95p. |
| 49705709 | Nie, C. (2015) Validation of Enforcement Analytical Method for Determination of Clothianidin, Ethaboxam, Metalaxyl, and Metconazole in V-10403. Project Number: 201500493, VP/39101. Unpublished study prepared by Valent U.S.A. Corporation. 36p. |
| 49787902 | Jeffries, D. (2016) Method Validation for MGK Formula 3119. Project Number: GLP/3023. Unpublished study prepared by McLaughlin Gormley King Company. 11p. |
| 50207201 | Wei, A. (2017) Ampex SC Insecticide: Product Identity and Composition, Description of Materials Used to Produce the Product, Description of Production Process, Description of Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis, Certified Limits, Enforcement Analytical Method, Submittal of Samples. Project Number: 201700218, VP/41071. Unpublished study prepared by Valent U.S.A. LLC. 228p. |
| 50207202 | Nie, C. (2016) Enforcement Analytical Method for Determination of Clothianidin in V-10395. Project Number: 201600174, VP/40000. Unpublished study prepared by Valent Technical Center. 29p. |
| 50284901 | Thompson, D. (2016) Product Chemistry of MGK Formula 3128. Project Number: GLP/3077. Unpublished study prepared by McLaughlin Gormley King Company. 29p. |
| 50285001 | Thompson, D. (2016) Product Chemistry of MGK formula 3129. Project Number: GLP/3078. Unpublished study prepared by McLaughlin Gormley King Company. 37p. |
| 50312607 | Wei, A. (2017) AmpexTM SC Insecticide: Product Identity and Composition, Description of Materials Used to Produce the Product, Description of Production Process, Description of Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis, Certified Limits, Enforcement Analytical Method, Submittal of Samples. Project Number: 201700368, VP/41071. Unpublished study prepared by Valent U.S.A. LLC. 228p. |
| 50604202 | Thompson, D. (2018) Product Chemistry of MGK Formula 3144. Project Number: GLP/3189. Unpublished study prepared by McLaughlin Gormley King Company. 33p. |
| 50712901 | Ogawa, T. (2020) V-10503 FS: Product Identity and Composition, Description of Materials Used to Produce the Product, Description of Production Process, Description of Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis, Certified Limits, Enforcement Analytical Method, Submittal of Samples. Project Number: V/20/201740. Unpublished study prepared by Valent U.S.A., LLC. 324p. |
| 50712902 | Nie, C. (2020) Validation of Enforcement Analytical Method for Determination of Clothiandin, Mandestrobin, Ethaboxam, Inpyrfluxam, and Metalaxyl in V-10503 FS. Project Number: V/20/201527. Unpublished study prepared by Valent U.S.A., LLC. 40p. |
| 50713308 | Liu, J. (2020) V-10170-VC2100 Insecticide: Product Identity, Composition, and Analysis. Project Number: VP/201902. Unpublished study prepared by Valent U.S.A., LLC. 283p. |
| 50910807 | Demirci, F. (2019) Poncho Votivo 2.0 Seed Treatment (BAS 499 00 I): Group A - Product Identity, Composition and Analysis. Project Number: 2019/2042519. Unpublished study prepared by BASF SE. 148p. |
| 50910808 | Bautz, K. (2019) GLP Validation of Analytical Method AFR0159/01: Determination of Clothianidin Content in BAS 499 00 I by HPLC: FInal Report. Project Number: 2019/7001506, 881601. Unpublished study prepared by BASF Corporation. 35p. |
| 50910809 | Allegra, E. (2019) Poncho/VOTiVO 2.0 (Bacillus firmus and Bacillus thuringiensis): Viable Count Method Validation: Final Report. Project Number: KQ71PS, 881602, 2019/7002162. Unpublished study prepared by Covance CRS Limited. 33p. |
| 50910810 | Allegra, E. (2019) Material Accountability of Poncho/VOTiVO 2.0 (Bacillus firmus and Bacillus thuringiensis) BAS 499 00 I: 5 Batch Analysis. Project Number: 881597, FC53DG, 2019/7002427. Unpublished study prepared by Covance CRS Limited. 28p. |
| 51097801 | Thompson, D. (2020) Product Chemistry of MGK Formula 3113. Project Number: GLP/3401. Unpublished study prepared by McLaughlin Gormley King Company, D/B/A MGK. 65p. |
| 51205301 | Thompson, D. (2020) Product Chemistry of Darlex Insecticide. Unpublished study prepared by McLaughlin Gormley King Company, D/B/A MGK. 39p. |
| 51243903 | Baptiste, C. (2018) Method Validation for Determination of Clothianidin Content During the Physico-Chemical Tests Requiring Quantification: Final Report. Project Number: R/B7162. Unpublished study prepared by Anadiag S.A. 57p. |
| 51255101 | Thompson, D. (2020) Product Chemistry of MGK Formula 3096. Project Number: GLP/3402. Unpublished study prepared by McLaughlin Gormley King Company, D/B/A MGK. 37p. |
| 51300501 | Thompson, D. (2020) Product Chemistry of MGK Formula 31751. Project Number: GLP/3383. Unpublished Study Prepared by McLaughlin Gormley King Company. 41p. |
| 51428302 | Srinivas, S. (2020) Determination of Active Ingredient Content of Clothianidin 48% FS. Project Number: 20638. Unpublished Study Prepared by Palamur Biosciences Private Limited. 43p. |

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| **MRID** | **Citation Reference** |
|  |  |
| 46088502 | Cornes, S.; Mollica, J. (2003) U.S. EPA Product Properties Test Guidelines - Group A and B of TM-44402 0.5 G. Project Number: TMN/0247, TMN/0248, 1444. Unpublished study prepared by Pyxant Labs Inc. and Aventis Corporation. 63 p. |
| 46482301 | Frank, J. (2005) Product Chemistry of AE 1283742 03 SC47 A1. Project Number: BR/2372, 201180, ANR/00405. Unpublished study prepared by Bayer Corp. 166 p. |
| 46850601 | Bates, P. (2005) The Physical Characteristics of GUS 7074-02 Seed Treatment End-Use Product. Project Number: PC/04/006. Unpublished study prepared by Gustafson Seed Technology Center. 144 p. |
| 46853901 | Bates, P. (2005) The Physical Characteristics of GUS 7082-00 Seed Treatment End-Use Product. Project Number: PC/04/005. Unpublished study prepared by Gustafson Seed Technology Center. 109 p. |
| 46859701 | Schick, M. (2006) Physical Properties of TM-44410 Formulation (Arena 0.25 G). Project Number: 1494W, 1494W/1. Unpublished study prepared by PTRL West, Inc. 16 p. |
| 47007801 | Folsom, B. (2006) Product Chemistry of Poncho Beta. Project Number: 02/00041, 14/1050/5281, BR2548. Unpublished study prepared by Bayer Corp. 281 p. |
| 47096002 | Brown, A. (2007) Physical Properties of ARY044415 SC: Final Report. Project Number: AR/0705. Unpublished study prepared by Arysta LifeScience North America Corporation. 13 p. |
| 47096003 | Bujor, D. (2007) Group A and B of ARY044416 G: ALOFT GC G: ALOFT LC G: Group A - Product Identity, Composition and Analysis: Group B - Physical/Chemical Properties. Project Number: AR/0703, AR/0704, AR44416/2007. Unpublished study prepared by Arysta LifeScience North America Corporation. 54 p. |
| 47096004 | Brown, A. (2007) Physical Properties of ARY044416 G: Final Report. Project Number: AR/0703. Unpublished study prepared by Arysta LifeScience North America Corporation. 12 p. |
| 47206501 | Mitchell, H. (2007) Product Chemistry of Insecticide TD Concentrate. Project Number: BR/2564, 201639, AM001704KF2. Unpublished study prepared by Bayer Corp. 408 p. |
| 47437901 | Hines, D. (2008) The Physical Characterization of L1847 End-Use Product. Project Number: PC/08/003, ZZ1068, PC/08/003MV. Unpublished study prepared by Bayer Cropscience. 181 p. |
| 47483001 | Hines, D. (2008) Product Chemistry of Sepresto 75WS. Project Number: M/304667/01/1, BR/2645. Unpublished study prepared by Bayer CropScience. 126 p. |
| 47483301 | Hines, D. (2008) The Physical Characterization of L1829 End-Use Product. Project Number: PC/08/008, PC/08/008MV, ZZ1070. Unpublished study prepared by Bayer Cropscience LP. 166 p. |
| 47662001 | Huchet, G. (2008) Product Chemistry of Bayer Advanced Flower, Rose & Shrub Care II. Project Number: M/306688/01/1, BR2650. Unpublished study prepared by Bayer CropScience. 324 p. |
| 47662301 | Huchet, G. (2008) Product Chemistry of Bayer Advanced Flower, Rose and Shrub Care III. Project Number: BR/2654, M/307207/01/1, 08FD075. Unpublished study prepared by Bayer CropScience. 271 p. |
| 47783701 | Huchet, G. (2008) Product Chemistry of Insecticide TD Granule. Project Number: BR2632, FD05808, FD05908. Unpublished study prepared by Bayer CropScience. 246 p. |
| 47835907 | Hines, D. (2009) The Physical Characterization of L1902 End-Use Product. Project Number: M/354425/01/1, PC/09/002, M/354425/01/1/OCR. Unpublished study prepared by Bayer CropScience, LP. 198 p. |
| 48024201 | Hines, D. (2010) Product Chemistry of Penclotrime 310.68FS. Project Number: M/365173/01/1, BR/2686, M/365173/01/1/OCR. Unpublished study prepared by Bayer CropScience. 360 p. |
| 48024601 | Hines, D. (2010) Product Chemistry of Penclo 273.5FS. Project Number: M/365179/01/1, BR/2691, M/365179/01/1/OCR. Unpublished study prepared by Bayer CropScience. 349 p. |
| 48311203 | Friedlander, B. (2010) The Physical and Chemical Properties of Inovate Seed Protectant: Final Report Amendment - 02. Project Number: 201000294, GRL/12912. Unpublished study prepared by Chemtura Canada Co./Cie. 51 p. |
| 48505202 | Nie, C. (2011) Physical and Chemical Properties of V-10304 0.37 FS. Project Number: 201100150, VP/37858, VA/032/03. Unpublished study prepared by Valent U.S.A. Corporation. 42 p. 42 p. |
| 48531802 | Whittington, J. (2010) Physical and Chemical Properties of V-10262 2.38 FS. Project Number: 201000267, V/10/37763. Unpublished study prepared by Valent U.S.A. Corporation. 40 p. |
| 48596301 | Hines, D. (2011) The Physical Characterization of Poncho Votivo End-use Product. Project Number: M/413769/01/1 PC/11/003/OCR. Unpublished study prepared by Bayer CropScience. 288p. |
| 48677203 | Mattox, M. (2011) Physical and Chemical Properties of Bedbug Control Concentrate. Project Number: VBCL/11/68060/46 CLMEBU11CONC/PC. Unpublished study prepared by Valent BioSciences Corporation. 54p. |
| 48720704 | Dunn, N. (2013) The Physical and Chemical Characteristics of Inovate Pro (UBI 7004-00). Project Number: GRL/13227. Unpublished study prepared by Chemtura Canada Co./Cie. 42p. |
| 48875703 | Lawrence, Q. (2011) End-Use Product Chemistry for Clothianidin 75% MC: Final Report. Project Number: 310500/01/048/01. Unpublished study prepared by MRIGlobal. 13p. |
| 48877301 | Hines, D. (2012) The Physical Characterization of Poncho Votivo End-Use Product. Project Number: M/431700/01/1/OCR, PC/12/007. Unpublished study prepared by Bayer CropScience. 282p. |
| 48998603 | Weber, E. (2012) Physical and Chemical Properties of VBC3 Spray. Project Number: VBCL12/68060/61, CLMEBU12SPRAY/PC. Unpublished study prepared by Valent Biosciences Corp. 52p. |
| 49072102 | Baker, B. (2013) Product Chemistry of BES0600 Insecticide. Project Number: M/451100/02/1, MV071, MO4588. Unpublished study prepared by Bayer Corp. 311p. |
| 49372005 | Barker, C. (2014) The Physical and Chemical Characteristics of Intego Suite Seed Protectant (UBI 7009-00). Project Number: 201400102, GRL/13300, GRL/GM/1028. Unpublished study prepared by Chemtura Canada Co./Cie. 44p. |
| 49447702 | Nie, C. (2014) Physical and Chemical Properties of INTEGO SUITE Seed Protectant. Project Number: 201400212, VP/38893. Unpublished study prepared by Valent U.S.A. Corporation. 42p. |
| 49551602 | Jeffries, D. (2015) Product Chemistry of MGK Formula 30643. Project Number: GLP/2943. Unpublished study prepared by McLaughlin Gormley King Company. 16p. |
| 49561602 | Jeffries, D. (2015) Product Chemistry and Characterization of MGK Formula 3113. Project Number: GLP/2593. Unpublished study prepared by McLaughlin Gormley King Company. 16p. |
| 49641201 | Jeffries, D. (2015) Product Chemistry of MGK Formula 3071. Project Number: GLP/2979. Unpublished study prepared by McLaughlin Gormley King Company. 7p. |
| 49705702 | Nie, C. (2016) Physical and Chemical Properties of INTEGO SUITE Cereals OF. Project Number: 201600015, VP/39141. Unpublished study prepared by Valent U.S.A. Corporation. 42p. |
| 49743901 | Thompson, D. (2015) Product Chemistry of MGK Formula 30642 Revision 1. Project Number: GLP/2987. Unpublished study prepared by McLaughlin Gormley King Company. 5p. |
| 49787901 | Jeffries, D. (2015) Product Chemistry of MGK Formula 3119. Project Number: GLP/3017. Unpublished study prepared by McLaughlin Gormley King Company. 11p. |
| 49788001 | Jeffries, D. (2016) Product Chemistry of MGK Formula 3104. Project Number: GLP/3021. Unpublished study prepared by McLaughlin Gormley King Company. 11p. |
| 50207203 | Nie, C. (2016) Physical and Chemical Properties of V-10395, V/16/4001. Project Number: 201600173, VP/40001. Unpublished study prepared by Valent Technical Center. 41p. |
| 50284901 | Thompson, D. (2016) Product Chemistry of MGK Formula 3128. Project Number: GLP/3077. Unpublished study prepared by McLaughlin Gormley King Company. 29p. |
| 50285001 | Thompson, D. (2016) Product Chemistry of MGK formula 3129. Project Number: GLP/3078. Unpublished study prepared by McLaughlin Gormley King Company. 37p. |
| 50604202 | Thompson, D. (2018) Product Chemistry of MGK Formula 3144. Project Number: GLP/3189. Unpublished study prepared by McLaughlin Gormley King Company. 33p. |
| 50712903 | Nie, C. (2020) Self-Certification of the Summary of Physical and Chemical Properties of V-10503 FS. Project Number: V/201523. Unpublished study prepared by Valent U.S.A., LLC. 7p. |
| 50713307 | Nie, C. (2020) Self-Certification of the Summary of Physical and Chemical Properties of V-10170-VC2100 Insecticide. Project Number: V/201885. Unpublished study prepared by Valent U.S.A., LLC. 7p. |
| 51095301 | Thompson, D. (2020) Product Chemistry of VBC Concentrate. Project Number: GLP/3403. Unpublished Study Prepared by McLaughlin Gormley King Company, D/B/A Mgk. 39p. |
| 51097801 | Thompson, D. (2020) Product Chemistry of MGK Formula 3113. Project Number: GLP/3401. Unpublished study prepared by McLaughlin Gormley King Company, D/B/A MGK. 65p. |
| 51134901 | Thompson, D. (2020) Product Chemistry of MGK Formula 3181. Project Number: GLP/3417. Unpublished Study Prepared by McLaughlin Gormley King Company, D/B/A MGK. 18p. |
| 51205301 | Thompson, D. (2020) Product Chemistry of Darlex Insecticide. Unpublished study prepared by McLaughlin Gormley King Company, D/B/A MGK. 39p. |
| 51243904 | Baptiste, C. (2018) Physical and Chemical Properties of One Batch of Clothianidin TC: Final Report. Project Number: R/B7164. Unpublished study prepared by Anadiag S.A. and Defitraces. 91p. |
| 51243905 | Baptiste, C. (2018) Physical and Chemical Properties of One Batch of TC: Final Report. Project Number: R/B7163. Unpublished study prepared by Anadiag S.A. and Defitraces. 107p. |
| 51255101 | Thompson, D. (2020) Product Chemistry of MGK Formula 3096. Project Number: GLP/3402. Unpublished study prepared by McLaughlin Gormley King Company, D/B/A MGK. 37p. |
| 51300501 | Thompson, D. (2020) Product Chemistry of MGK Formula 31751. Project Number: GLP/3383. Unpublished Study Prepared by McLaughlin Gormley King Company. 41p. |
| 51300601 | Thompson, D. (2020) Product Chemistry of MGK Formula 31761. Project Number: GLP/3384. Unpublished Study Prepared by McLaughlin Gormley King Company. 20p. |
| 51428303 | Srinivas, S. (2021) Determination of Accelerated Storage Stability of Clothianidin 48% FS. Project Number: 20639. Unpublished Study Prepared by Palamur Biosciences Private Limited. 60p. |

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| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46088501 | Cornes, S.; Mollica, J. (2003) U.S. EPA Product Properties Test Guidelines Group A and B of TM-44403 16 WSG. Project Number: TMN/0247, TMN/0248, 1444. Unpublished study prepared by Pyxant Labs Inc. and Arvesta Corporation. 53 p. |
| 46088502 | Cornes, S.; Mollica, J. (2003) U.S. EPA Product Properties Test Guidelines - Group A and B of TM-44402 0.5 G. Project Number: TMN/0247, TMN/0248, 1444. Unpublished study prepared by Pyxant Labs Inc. and Aventis Corporation. 63 p. |
| 46482301 | Frank, J. (2005) Product Chemistry of AE 1283742 03 SC47 A1. Project Number: BR/2372, 201180, ANR/00405. Unpublished study prepared by Bayer Corp. 166 p. |
| 46850601 | Bates, P. (2005) The Physical Characteristics of GUS 7074-02 Seed Treatment End-Use Product. Project Number: PC/04/006. Unpublished study prepared by Gustafson Seed Technology Center. 144 p. |
| 46853901 | Bates, P. (2005) The Physical Characteristics of GUS 7082-00 Seed Treatment End-Use Product. Project Number: PC/04/005. Unpublished study prepared by Gustafson Seed Technology Center. 109 p. |
| 46859701 | Schick, M. (2006) Physical Properties of TM-44410 Formulation (Arena 0.25 G). Project Number: 1494W, 1494W/1. Unpublished study prepared by PTRL West, Inc. 16 p. |
| 46940001 | Halarnkar, P. (2006) Product Properties Test Guidelines - Group A and B of TM-44410 0.25 G. Project Number: TMN/0251, 1494W, 1494W/1. Unpublished study prepared by Arysta LifeScience North America Corporation and PTRL West, Inc. 63 p. |
| 47007801 | Folsom, B. (2006) Product Chemistry of Poncho Beta. Project Number: 02/00041, 14/1050/5281, BR2548. Unpublished study prepared by Bayer Corp. 281 p. |
| 47096001 | Bujor, D. (2007) Group A and B of ARY044415 SC: ALOFT GC SC: ALOFT LC SC: Group A - Product Identity, Composition and Analysis: Group B - Physical/Chemical Properties. Project Number: AR/0705, AR/0706, AR44415/2007. Unpublished study prepared by Arysta LifeScience North America Corporation. 88 p. |
| 47096002 | Brown, A. (2007) Physical Properties of ARY044415 SC: Final Report. Project Number: AR/0705. Unpublished study prepared by Arysta LifeScience North America Corporation. 13 p. |
| 47096003 | Bujor, D. (2007) Group A and B of ARY044416 G: ALOFT GC G: ALOFT LC G: Group A - Product Identity, Composition and Analysis: Group B - Physical/Chemical Properties. Project Number: AR/0703, AR/0704, AR44416/2007. Unpublished study prepared by Arysta LifeScience North America Corporation. 54 p. |
| 47096004 | Brown, A. (2007) Physical Properties of ARY044416 G: Final Report. Project Number: AR/0703. Unpublished study prepared by Arysta LifeScience North America Corporation. 12 p. |
| 47177402 | Ha, S. (2007) Physical and Chemical Properties of V-10170 2.13 SC. Project Number: V/31654A, 200700267. Unpublished study prepared by Valent U.S.A. Corporation. 64 p. |
| 47206501 | Mitchell, H. (2007) Product Chemistry of Insecticide TD Concentrate. Project Number: BR/2564, 201639, AM001704KF2. Unpublished study prepared by Bayer Corp. 408 p. |
| 47226102 | Ha, S. (2007) Physical and Chemical Properties of V-10170 5 FS. Project Number: V/31648A, 200700263, VA/030/02. Unpublished study prepared by Valent U.S.A. Corporation. 64 p. |
| 47437901 | Hines, D. (2008) The Physical Characterization of L1847 End-Use Product. Project Number: PC/08/003, ZZ1068, PC/08/003MV. Unpublished study prepared by Bayer Cropscience. 181 p. |
| 47483001 | Hines, D. (2008) Product Chemistry of Sepresto 75WS. Project Number: M/304667/01/1, BR/2645. Unpublished study prepared by Bayer CropScience. 126 p. |
| 47483301 | Hines, D. (2008) The Physical Characterization of L1829 End-Use Product. Project Number: PC/08/008, PC/08/008MV, ZZ1070. Unpublished study prepared by Bayer Cropscience LP. 166 p. |
| 47662001 | Huchet, G. (2008) Product Chemistry of Bayer Advanced Flower, Rose & Shrub Care II. Project Number: M/306688/01/1, BR2650. Unpublished study prepared by Bayer CropScience. 324 p. |
| 47662301 | Huchet, G. (2008) Product Chemistry of Bayer Advanced Flower, Rose and Shrub Care III. Project Number: BR/2654, M/307207/01/1, 08FD075. Unpublished study prepared by Bayer CropScience. 271 p. |
| 47783701 | Huchet, G. (2008) Product Chemistry of Insecticide TD Granule. Project Number: BR2632, FD05808, FD05908. Unpublished study prepared by Bayer CropScience. 246 p. |
| 47835907 | Hines, D. (2009) The Physical Characterization of L1902 End-Use Product. Project Number: M/354425/01/1, PC/09/002, M/354425/01/1/OCR. Unpublished study prepared by Bayer CropScience, LP. 198 p. |
| 48024201 | Hines, D. (2010) Product Chemistry of Penclotrime 310.68FS. Project Number: M/365173/01/1, BR/2686, M/365173/01/1/OCR. Unpublished study prepared by Bayer CropScience. 360 p. |
| 48024601 | Hines, D. (2010) Product Chemistry of Penclo 273.5FS. Project Number: M/365179/01/1, BR/2691, M/365179/01/1/OCR. Unpublished study prepared by Bayer CropScience. 349 p. |
| 48311203 | Friedlander, B. (2010) The Physical and Chemical Properties of Inovate Seed Protectant: Final Report Amendment - 02. Project Number: 201000294, GRL/12912. Unpublished study prepared by Chemtura Canada Co./Cie. 51 p. |
| 48505202 | Nie, C. (2011) Physical and Chemical Properties of V-10304 0.37 FS. Project Number: 201100150, VP/37858, VA/032/03. Unpublished study prepared by Valent U.S.A. Corporation. 42 p. 42 p. |
| 48531802 | Whittington, J. (2010) Physical and Chemical Properties of V-10262 2.38 FS. Project Number: 201000267, V/10/37763. Unpublished study prepared by Valent U.S.A. Corporation. 40 p. |
| 48596301 | Hines, D. (2011) The Physical Characterization of Poncho Votivo End-use Product. Project Number: M/413769/01/1 PC/11/003/OCR. Unpublished study prepared by Bayer CropScience. 288p. |
| 48677203 | Mattox, M. (2011) Physical and Chemical Properties of Bedbug Control Concentrate. Project Number: VBCL/11/68060/46 CLMEBU11CONC/PC. Unpublished study prepared by Valent BioSciences Corporation. 54p. |
| 48720704 | Dunn, N. (2013) The Physical and Chemical Characteristics of Inovate Pro (UBI 7004-00). Project Number: GRL/13227. Unpublished study prepared by Chemtura Canada Co./Cie. 42p. |
| 48875703 | Lawrence, Q. (2011) End-Use Product Chemistry for Clothianidin 75% MC: Final Report. Project Number: 310500/01/048/01. Unpublished study prepared by MRIGlobal. 13p. |
| 48877301 | Hines, D. (2012) The Physical Characterization of Poncho Votivo End-Use Product. Project Number: M/431700/01/1/OCR, PC/12/007. Unpublished study prepared by Bayer CropScience. 282p. |
| 48998603 | Weber, E. (2012) Physical and Chemical Properties of VBC3 Spray. Project Number: VBCL12/68060/61, CLMEBU12SPRAY/PC. Unpublished study prepared by Valent Biosciences Corp. 52p. |
| 49072102 | Baker, B. (2013) Product Chemistry of BES0600 Insecticide. Project Number: M/451100/02/1, MV071, MO4588. Unpublished study prepared by Bayer Corp. 311p. |
| 49372005 | Barker, C. (2014) The Physical and Chemical Characteristics of Intego Suite Seed Protectant (UBI 7009-00). Project Number: 201400102, GRL/13300, GRL/GM/1028. Unpublished study prepared by Chemtura Canada Co./Cie. 44p. |
| 49447702 | Nie, C. (2014) Physical and Chemical Properties of INTEGO SUITE Seed Protectant. Project Number: 201400212, VP/38893. Unpublished study prepared by Valent U.S.A. Corporation. 42p. |
| 49551602 | Jeffries, D. (2015) Product Chemistry of MGK Formula 30643. Project Number: GLP/2943. Unpublished study prepared by McLaughlin Gormley King Company. 16p. |
| 49561602 | Jeffries, D. (2015) Product Chemistry and Characterization of MGK Formula 3113. Project Number: GLP/2593. Unpublished study prepared by McLaughlin Gormley King Company. 16p. |
| 49641201 | Jeffries, D. (2015) Product Chemistry of MGK Formula 3071. Project Number: GLP/2979. Unpublished study prepared by McLaughlin Gormley King Company. 7p. |
| 49705702 | Nie, C. (2016) Physical and Chemical Properties of INTEGO SUITE Cereals OF. Project Number: 201600015, VP/39141. Unpublished study prepared by Valent U.S.A. Corporation. 42p. |
| 49743901 | Thompson, D. (2015) Product Chemistry of MGK Formula 30642 Revision 1. Project Number: GLP/2987. Unpublished study prepared by McLaughlin Gormley King Company. 5p. |
| 49787901 | Jeffries, D. (2015) Product Chemistry of MGK Formula 3119. Project Number: GLP/3017. Unpublished study prepared by McLaughlin Gormley King Company. 11p. |
| 49788001 | Jeffries, D. (2016) Product Chemistry of MGK Formula 3104. Project Number: GLP/3021. Unpublished study prepared by McLaughlin Gormley King Company. 11p. |
| 50207203 | Nie, C. (2016) Physical and Chemical Properties of V-10395, V/16/4001. Project Number: 201600173, VP/40001. Unpublished study prepared by Valent Technical Center. 41p. |
| 50284901 | Thompson, D. (2016) Product Chemistry of MGK Formula 3128. Project Number: GLP/3077. Unpublished study prepared by McLaughlin Gormley King Company. 29p. |
| 50285001 | Thompson, D. (2016) Product Chemistry of MGK formula 3129. Project Number: GLP/3078. Unpublished study prepared by McLaughlin Gormley King Company. 37p. |
| 50604202 | Thompson, D. (2018) Product Chemistry of MGK Formula 3144. Project Number: GLP/3189. Unpublished study prepared by McLaughlin Gormley King Company. 33p. |
| 50712903 | Nie, C. (2020) Self-Certification of the Summary of Physical and Chemical Properties of V-10503 FS. Project Number: V/201523. Unpublished study prepared by Valent U.S.A., LLC. 7p. |
| 50713307 | Nie, C. (2020) Self-Certification of the Summary of Physical and Chemical Properties of V-10170-VC2100 Insecticide. Project Number: V/201885. Unpublished study prepared by Valent U.S.A., LLC. 7p. |
| 51095301 | Thompson, D. (2020) Product Chemistry of VBC Concentrate. Project Number: GLP/3403. Unpublished Study Prepared by McLaughlin Gormley King Company, D/B/A Mgk. 39p. |
| 51097801 | Thompson, D. (2020) Product Chemistry of MGK Formula 3113. Project Number: GLP/3401. Unpublished study prepared by McLaughlin Gormley King Company, D/B/A MGK. 65p. |
| 51134901 | Thompson, D. (2020) Product Chemistry of MGK Formula 3181. Project Number: GLP/3417. Unpublished Study Prepared by McLaughlin Gormley King Company, D/B/A MGK. 18p. |
| 51205301 | Thompson, D. (2020) Product Chemistry of Darlex Insecticide. Unpublished study prepared by McLaughlin Gormley King Company, D/B/A MGK. 39p. |
| 51243904 | Baptiste, C. (2018) Physical and Chemical Properties of One Batch of Clothianidin TC: Final Report. Project Number: R/B7164. Unpublished study prepared by Anadiag S.A. and Defitraces. 91p. |
| 51243905 | Baptiste, C. (2018) Physical and Chemical Properties of One Batch of TC: Final Report. Project Number: R/B7163. Unpublished study prepared by Anadiag S.A. and Defitraces. 107p. |
| 51255101 | Thompson, D. (2020) Product Chemistry of MGK Formula 3096. Project Number: GLP/3402. Unpublished study prepared by McLaughlin Gormley King Company, D/B/A MGK. 37p. |
| 51300501 | Thompson, D. (2020) Product Chemistry of MGK Formula 31751. Project Number: GLP/3383. Unpublished Study Prepared by McLaughlin Gormley King Company. 41p. |
| 51300601 | Thompson, D. (2020) Product Chemistry of MGK Formula 31761. Project Number: GLP/3384. Unpublished Study Prepared by McLaughlin Gormley King Company. 20p. |
| 51428303 | Srinivas, S. (2021) Determination of Accelerated Storage Stability of Clothianidin 48% FS. Project Number: 20639. Unpublished Study Prepared by Palamur Biosciences Private Limited. 60p. |

**830.6304       Odor**

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| **MRID** | **Citation Reference** |
|  |  |
| 46850601 | Bates, P. (2005) The Physical Characteristics of GUS 7074-02 Seed Treatment End-Use Product. Project Number: PC/04/006. Unpublished study prepared by Gustafson Seed Technology Center. 144 p. |
| 46853901 | Bates, P. (2005) The Physical Characteristics of GUS 7082-00 Seed Treatment End-Use Product. Project Number: PC/04/005. Unpublished study prepared by Gustafson Seed Technology Center. 109 p. |
| 46859701 | Schick, M. (2006) Physical Properties of TM-44410 Formulation (Arena 0.25 G). Project Number: 1494W, 1494W/1. Unpublished study prepared by PTRL West, Inc. 16 p. |
| 47007801 | Folsom, B. (2006) Product Chemistry of Poncho Beta. Project Number: 02/00041, 14/1050/5281, BR2548. Unpublished study prepared by Bayer Corp. 281 p. |
| 47096002 | Brown, A. (2007) Physical Properties of ARY044415 SC: Final Report. Project Number: AR/0705. Unpublished study prepared by Arysta LifeScience North America Corporation. 13 p. |
| 47096003 | Bujor, D. (2007) Group A and B of ARY044416 G: ALOFT GC G: ALOFT LC G: Group A - Product Identity, Composition and Analysis: Group B - Physical/Chemical Properties. Project Number: AR/0703, AR/0704, AR44416/2007. Unpublished study prepared by Arysta LifeScience North America Corporation. 54 p. |
| 47096004 | Brown, A. (2007) Physical Properties of ARY044416 G: Final Report. Project Number: AR/0703. Unpublished study prepared by Arysta LifeScience North America Corporation. 12 p. |
| 47206501 | Mitchell, H. (2007) Product Chemistry of Insecticide TD Concentrate. Project Number: BR/2564, 201639, AM001704KF2. Unpublished study prepared by Bayer Corp. 408 p. |
| 47437901 | Hines, D. (2008) The Physical Characterization of L1847 End-Use Product. Project Number: PC/08/003, ZZ1068, PC/08/003MV. Unpublished study prepared by Bayer Cropscience. 181 p. |
| 47483001 | Hines, D. (2008) Product Chemistry of Sepresto 75WS. Project Number: M/304667/01/1, BR/2645. Unpublished study prepared by Bayer CropScience. 126 p. |
| 47483301 | Hines, D. (2008) The Physical Characterization of L1829 End-Use Product. Project Number: PC/08/008, PC/08/008MV, ZZ1070. Unpublished study prepared by Bayer Cropscience LP. 166 p. |
| 47662001 | Huchet, G. (2008) Product Chemistry of Bayer Advanced Flower, Rose & Shrub Care II. Project Number: M/306688/01/1, BR2650. Unpublished study prepared by Bayer CropScience. 324 p. |
| 47662301 | Huchet, G. (2008) Product Chemistry of Bayer Advanced Flower, Rose and Shrub Care III. Project Number: BR/2654, M/307207/01/1, 08FD075. Unpublished study prepared by Bayer CropScience. 271 p. |
| 47783701 | Huchet, G. (2008) Product Chemistry of Insecticide TD Granule. Project Number: BR2632, FD05808, FD05908. Unpublished study prepared by Bayer CropScience. 246 p. |
| 47835907 | Hines, D. (2009) The Physical Characterization of L1902 End-Use Product. Project Number: M/354425/01/1, PC/09/002, M/354425/01/1/OCR. Unpublished study prepared by Bayer CropScience, LP. 198 p. |
| 48024201 | Hines, D. (2010) Product Chemistry of Penclotrime 310.68FS. Project Number: M/365173/01/1, BR/2686, M/365173/01/1/OCR. Unpublished study prepared by Bayer CropScience. 360 p. |
| 48311203 | Friedlander, B. (2010) The Physical and Chemical Properties of Inovate Seed Protectant: Final Report Amendment - 02. Project Number: 201000294, GRL/12912. Unpublished study prepared by Chemtura Canada Co./Cie. 51 p. |
| 48505202 | Nie, C. (2011) Physical and Chemical Properties of V-10304 0.37 FS. Project Number: 201100150, VP/37858, VA/032/03. Unpublished study prepared by Valent U.S.A. Corporation. 42 p. 42 p. |
| 48531802 | Whittington, J. (2010) Physical and Chemical Properties of V-10262 2.38 FS. Project Number: 201000267, V/10/37763. Unpublished study prepared by Valent U.S.A. Corporation. 40 p. |
| 48596301 | Hines, D. (2011) The Physical Characterization of Poncho Votivo End-use Product. Project Number: M/413769/01/1 PC/11/003/OCR. Unpublished study prepared by Bayer CropScience. 288p. |
| 48677203 | Mattox, M. (2011) Physical and Chemical Properties of Bedbug Control Concentrate. Project Number: VBCL/11/68060/46 CLMEBU11CONC/PC. Unpublished study prepared by Valent BioSciences Corporation. 54p. |
| 48720704 | Dunn, N. (2013) The Physical and Chemical Characteristics of Inovate Pro (UBI 7004-00). Project Number: GRL/13227. Unpublished study prepared by Chemtura Canada Co./Cie. 42p. |
| 48875703 | Lawrence, Q. (2011) End-Use Product Chemistry for Clothianidin 75% MC: Final Report. Project Number: 310500/01/048/01. Unpublished study prepared by MRIGlobal. 13p. |
| 48877301 | Hines, D. (2012) The Physical Characterization of Poncho Votivo End-Use Product. Project Number: M/431700/01/1/OCR, PC/12/007. Unpublished study prepared by Bayer CropScience. 282p. |
| 48998603 | Weber, E. (2012) Physical and Chemical Properties of VBC3 Spray. Project Number: VBCL12/68060/61, CLMEBU12SPRAY/PC. Unpublished study prepared by Valent Biosciences Corp. 52p. |
| 49072102 | Baker, B. (2013) Product Chemistry of BES0600 Insecticide. Project Number: M/451100/02/1, MV071, MO4588. Unpublished study prepared by Bayer Corp. 311p. |
| 49372005 | Barker, C. (2014) The Physical and Chemical Characteristics of Intego Suite Seed Protectant (UBI 7009-00). Project Number: 201400102, GRL/13300, GRL/GM/1028. Unpublished study prepared by Chemtura Canada Co./Cie. 44p. |
| 49447702 | Nie, C. (2014) Physical and Chemical Properties of INTEGO SUITE Seed Protectant. Project Number: 201400212, VP/38893. Unpublished study prepared by Valent U.S.A. Corporation. 42p. |
| 49551602 | Jeffries, D. (2015) Product Chemistry of MGK Formula 30643. Project Number: GLP/2943. Unpublished study prepared by McLaughlin Gormley King Company. 16p. |
| 49561602 | Jeffries, D. (2015) Product Chemistry and Characterization of MGK Formula 3113. Project Number: GLP/2593. Unpublished study prepared by McLaughlin Gormley King Company. 16p. |
| 49641201 | Jeffries, D. (2015) Product Chemistry of MGK Formula 3071. Project Number: GLP/2979. Unpublished study prepared by McLaughlin Gormley King Company. 7p. |
| 49705702 | Nie, C. (2016) Physical and Chemical Properties of INTEGO SUITE Cereals OF. Project Number: 201600015, VP/39141. Unpublished study prepared by Valent U.S.A. Corporation. 42p. |
| 49743901 | Thompson, D. (2015) Product Chemistry of MGK Formula 30642 Revision 1. Project Number: GLP/2987. Unpublished study prepared by McLaughlin Gormley King Company. 5p. |
| 49787901 | Jeffries, D. (2015) Product Chemistry of MGK Formula 3119. Project Number: GLP/3017. Unpublished study prepared by McLaughlin Gormley King Company. 11p. |
| 49788001 | Jeffries, D. (2016) Product Chemistry of MGK Formula 3104. Project Number: GLP/3021. Unpublished study prepared by McLaughlin Gormley King Company. 11p. |
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| 50284901 | Thompson, D. (2016) Product Chemistry of MGK Formula 3128. Project Number: GLP/3077. Unpublished study prepared by McLaughlin Gormley King Company. 29p. |
| 50285001 | Thompson, D. (2016) Product Chemistry of MGK formula 3129. Project Number: GLP/3078. Unpublished study prepared by McLaughlin Gormley King Company. 37p. |
| 50604202 | Thompson, D. (2018) Product Chemistry of MGK Formula 3144. Project Number: GLP/3189. Unpublished study prepared by McLaughlin Gormley King Company. 33p. |
| 50712903 | Nie, C. (2020) Self-Certification of the Summary of Physical and Chemical Properties of V-10503 FS. Project Number: V/201523. Unpublished study prepared by Valent U.S.A., LLC. 7p. |
| 50713307 | Nie, C. (2020) Self-Certification of the Summary of Physical and Chemical Properties of V-10170-VC2100 Insecticide. Project Number: V/201885. Unpublished study prepared by Valent U.S.A., LLC. 7p. |
| 51095301 | Thompson, D. (2020) Product Chemistry of VBC Concentrate. Project Number: GLP/3403. Unpublished Study Prepared by McLaughlin Gormley King Company, D/B/A Mgk. 39p. |
| 51097801 | Thompson, D. (2020) Product Chemistry of MGK Formula 3113. Project Number: GLP/3401. Unpublished study prepared by McLaughlin Gormley King Company, D/B/A MGK. 65p. |
| 51134901 | Thompson, D. (2020) Product Chemistry of MGK Formula 3181. Project Number: GLP/3417. Unpublished Study Prepared by McLaughlin Gormley King Company, D/B/A MGK. 18p. |
| 51205301 | Thompson, D. (2020) Product Chemistry of Darlex Insecticide. Unpublished study prepared by McLaughlin Gormley King Company, D/B/A MGK. 39p. |
| 51243904 | Baptiste, C. (2018) Physical and Chemical Properties of One Batch of Clothianidin TC: Final Report. Project Number: R/B7164. Unpublished study prepared by Anadiag S.A. and Defitraces. 91p. |
| 51243905 | Baptiste, C. (2018) Physical and Chemical Properties of One Batch of TC: Final Report. Project Number: R/B7163. Unpublished study prepared by Anadiag S.A. and Defitraces. 107p. |
| 51255101 | Thompson, D. (2020) Product Chemistry of MGK Formula 3096. Project Number: GLP/3402. Unpublished study prepared by McLaughlin Gormley King Company, D/B/A MGK. 37p. |
| 51300501 | Thompson, D. (2020) Product Chemistry of MGK Formula 31751. Project Number: GLP/3383. Unpublished Study Prepared by McLaughlin Gormley King Company. 41p. |
| 51300601 | Thompson, D. (2020) Product Chemistry of MGK Formula 31761. Project Number: GLP/3384. Unpublished Study Prepared by McLaughlin Gormley King Company. 20p. |
| 51428303 | Srinivas, S. (2021) Determination of Accelerated Storage Stability of Clothianidin 48% FS. Project Number: 20639. Unpublished Study Prepared by Palamur Biosciences Private Limited. 60p. |

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

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| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 47662301 | Huchet, G. (2008) Product Chemistry of Bayer Advanced Flower, Rose and Shrub Care III. Project Number: BR/2654, M/307207/01/1, 08FD075. Unpublished study prepared by Bayer CropScience. 271 p. |
| 47783701 | Huchet, G. (2008) Product Chemistry of Insecticide TD Granule. Project Number: BR2632, FD05808, FD05908. Unpublished study prepared by Bayer CropScience. 246 p. |
| 48677203 | Mattox, M. (2011) Physical and Chemical Properties of Bedbug Control Concentrate. Project Number: VBCL/11/68060/46 CLMEBU11CONC/PC. Unpublished study prepared by Valent BioSciences Corporation. 54p. |
| 48998603 | Weber, E. (2012) Physical and Chemical Properties of VBC3 Spray. Project Number: VBCL12/68060/61, CLMEBU12SPRAY/PC. Unpublished study prepared by Valent Biosciences Corp. 52p. |
| 49372006 | Charlton, R. (2014) INTEGO SUITE Neutral Seed Protectant: Physical and Chemical Properties Waiver Requests. Project Number: 201400133, VP/38876. Unpublished study prepared by Valent U.S.A. Corporation. 6p. |
| 49705702 | Nie, C. (2016) Physical and Chemical Properties of INTEGO SUITE Cereals OF. Project Number: 201600015, VP/39141. Unpublished study prepared by Valent U.S.A. Corporation. 42p. |
| 50207203 | Nie, C. (2016) Physical and Chemical Properties of V-10395, V/16/4001. Project Number: 201600173, VP/40001. Unpublished study prepared by Valent Technical Center. 41p. |
| 50712903 | Nie, C. (2020) Self-Certification of the Summary of Physical and Chemical Properties of V-10503 FS. Project Number: V/201523. Unpublished study prepared by Valent U.S.A., LLC. 7p. |
| 50713307 | Nie, C. (2020) Self-Certification of the Summary of Physical and Chemical Properties of V-10170-VC2100 Insecticide. Project Number: V/201885. Unpublished study prepared by Valent U.S.A., LLC. 7p. |
| 51428304 | Hardie, R. (2021) Sharda Clothianidin 48% FS: Product Chemistry - Group B: Request for Waiver for Certain Physical / Chemical Properties Data. Unpublished Study Prepared by Sharda USA LLC. 5p. |

**830.6314       Oxidizing or reducing action**

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| **MRID** | **Citation Reference** |
|  |  |
| 46088501 | Cornes, S.; Mollica, J. (2003) U.S. EPA Product Properties Test Guidelines Group A and B of TM-44403 16 WSG. Project Number: TMN/0247, TMN/0248, 1444. Unpublished study prepared by Pyxant Labs Inc. and Arvesta Corporation. 53 p. |
| 46088502 | Cornes, S.; Mollica, J. (2003) U.S. EPA Product Properties Test Guidelines - Group A and B of TM-44402 0.5 G. Project Number: TMN/0247, TMN/0248, 1444. Unpublished study prepared by Pyxant Labs Inc. and Aventis Corporation. 63 p. |
| 46859701 | Schick, M. (2006) Physical Properties of TM-44410 Formulation (Arena 0.25 G). Project Number: 1494W, 1494W/1. Unpublished study prepared by PTRL West, Inc. 16 p. |
| 46940001 | Halarnkar, P. (2006) Product Properties Test Guidelines - Group A and B of TM-44410 0.25 G. Project Number: TMN/0251, 1494W, 1494W/1. Unpublished study prepared by Arysta LifeScience North America Corporation and PTRL West, Inc. 63 p. |
| 47096001 | Bujor, D. (2007) Group A and B of ARY044415 SC: ALOFT GC SC: ALOFT LC SC: Group A - Product Identity, Composition and Analysis: Group B - Physical/Chemical Properties. Project Number: AR/0705, AR/0706, AR44415/2007. Unpublished study prepared by Arysta LifeScience North America Corporation. 88 p. |
| 47096002 | Brown, A. (2007) Physical Properties of ARY044415 SC: Final Report. Project Number: AR/0705. Unpublished study prepared by Arysta LifeScience North America Corporation. 13 p. |
| 47096003 | Bujor, D. (2007) Group A and B of ARY044416 G: ALOFT GC G: ALOFT LC G: Group A - Product Identity, Composition and Analysis: Group B - Physical/Chemical Properties. Project Number: AR/0703, AR/0704, AR44416/2007. Unpublished study prepared by Arysta LifeScience North America Corporation. 54 p. |
| 47096004 | Brown, A. (2007) Physical Properties of ARY044416 G: Final Report. Project Number: AR/0703. Unpublished study prepared by Arysta LifeScience North America Corporation. 12 p. |
| 47177402 | Ha, S. (2007) Physical and Chemical Properties of V-10170 2.13 SC. Project Number: V/31654A, 200700267. Unpublished study prepared by Valent U.S.A. Corporation. 64 p. |
| 47226102 | Ha, S. (2007) Physical and Chemical Properties of V-10170 5 FS. Project Number: V/31648A, 200700263, VA/030/02. Unpublished study prepared by Valent U.S.A. Corporation. 64 p. |
| 47662301 | Huchet, G. (2008) Product Chemistry of Bayer Advanced Flower, Rose and Shrub Care III. Project Number: BR/2654, M/307207/01/1, 08FD075. Unpublished study prepared by Bayer CropScience. 271 p. |
| 47783701 | Huchet, G. (2008) Product Chemistry of Insecticide TD Granule. Project Number: BR2632, FD05808, FD05908. Unpublished study prepared by Bayer CropScience. 246 p. |
| 49372006 | Charlton, R. (2014) INTEGO SUITE Neutral Seed Protectant: Physical and Chemical Properties Waiver Requests. Project Number: 201400133, VP/38876. Unpublished study prepared by Valent U.S.A. Corporation. 6p. |
| 49705702 | Nie, C. (2016) Physical and Chemical Properties of INTEGO SUITE Cereals OF. Project Number: 201600015, VP/39141. Unpublished study prepared by Valent U.S.A. Corporation. 42p. |
| 50207203 | Nie, C. (2016) Physical and Chemical Properties of V-10395, V/16/4001. Project Number: 201600173, VP/40001. Unpublished study prepared by Valent Technical Center. 41p. |
| 50712903 | Nie, C. (2020) Self-Certification of the Summary of Physical and Chemical Properties of V-10503 FS. Project Number: V/201523. Unpublished study prepared by Valent U.S.A., LLC. 7p. |
| 50713307 | Nie, C. (2020) Self-Certification of the Summary of Physical and Chemical Properties of V-10170-VC2100 Insecticide. Project Number: V/201885. Unpublished study prepared by Valent U.S.A., LLC. 7p. |
| 51243904 | Baptiste, C. (2018) Physical and Chemical Properties of One Batch of Clothianidin TC: Final Report. Project Number: R/B7164. Unpublished study prepared by Anadiag S.A. and Defitraces. 91p. |
| 51428304 | Hardie, R. (2021) Sharda Clothianidin 48% FS: Product Chemistry - Group B: Request for Waiver for Certain Physical / Chemical Properties Data. Unpublished Study Prepared by Sharda USA LLC. 5p. |

**830.6315       Flammability**

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| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46482301 | Frank, J. (2005) Product Chemistry of AE 1283742 03 SC47 A1. Project Number: BR/2372, 201180, ANR/00405. Unpublished study prepared by Bayer Corp. 166 p. |
| 47096001 | Bujor, D. (2007) Group A and B of ARY044415 SC: ALOFT GC SC: ALOFT LC SC: Group A - Product Identity, Composition and Analysis: Group B - Physical/Chemical Properties. Project Number: AR/0705, AR/0706, AR44415/2007. Unpublished study prepared by Arysta LifeScience North America Corporation. 88 p. |
| 47096002 | Brown, A. (2007) Physical Properties of ARY044415 SC: Final Report. Project Number: AR/0705. Unpublished study prepared by Arysta LifeScience North America Corporation. 13 p. |
| 47177402 | Ha, S. (2007) Physical and Chemical Properties of V-10170 2.13 SC. Project Number: V/31654A, 200700267. Unpublished study prepared by Valent U.S.A. Corporation. 64 p. |
| 47206501 | Mitchell, H. (2007) Product Chemistry of Insecticide TD Concentrate. Project Number: BR/2564, 201639, AM001704KF2. Unpublished study prepared by Bayer Corp. 408 p. |
| 47226102 | Ha, S. (2007) Physical and Chemical Properties of V-10170 5 FS. Project Number: V/31648A, 200700263, VA/030/02. Unpublished study prepared by Valent U.S.A. Corporation. 64 p. |
| 47662301 | Huchet, G. (2008) Product Chemistry of Bayer Advanced Flower, Rose and Shrub Care III. Project Number: BR/2654, M/307207/01/1, 08FD075. Unpublished study prepared by Bayer CropScience. 271 p. |
| 47783701 | Huchet, G. (2008) Product Chemistry of Insecticide TD Granule. Project Number: BR2632, FD05808, FD05908. Unpublished study prepared by Bayer CropScience. 246 p. |
| 48596301 | Hines, D. (2011) The Physical Characterization of Poncho Votivo End-use Product. Project Number: M/413769/01/1 PC/11/003/OCR. Unpublished study prepared by Bayer CropScience. 288p. |
| 48677203 | Mattox, M. (2011) Physical and Chemical Properties of Bedbug Control Concentrate. Project Number: VBCL/11/68060/46 CLMEBU11CONC/PC. Unpublished study prepared by Valent BioSciences Corporation. 54p. |
| 48998603 | Weber, E. (2012) Physical and Chemical Properties of VBC3 Spray. Project Number: VBCL12/68060/61, CLMEBU12SPRAY/PC. Unpublished study prepared by Valent Biosciences Corp. 52p. |
| 49072102 | Baker, B. (2013) Product Chemistry of BES0600 Insecticide. Project Number: M/451100/02/1, MV071, MO4588. Unpublished study prepared by Bayer Corp. 311p. |
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| 50284901 | Thompson, D. (2016) Product Chemistry of MGK Formula 3128. Project Number: GLP/3077. Unpublished study prepared by McLaughlin Gormley King Company. 29p. |
| 50285001 | Thompson, D. (2016) Product Chemistry of MGK formula 3129. Project Number: GLP/3078. Unpublished study prepared by McLaughlin Gormley King Company. 37p. |
| 50604202 | Thompson, D. (2018) Product Chemistry of MGK Formula 3144. Project Number: GLP/3189. Unpublished study prepared by McLaughlin Gormley King Company. 33p. |
| 50712903 | Nie, C. (2020) Self-Certification of the Summary of Physical and Chemical Properties of V-10503 FS. Project Number: V/201523. Unpublished study prepared by Valent U.S.A., LLC. 7p. |
| 50713307 | Nie, C. (2020) Self-Certification of the Summary of Physical and Chemical Properties of V-10170-VC2100 Insecticide. Project Number: V/201885. Unpublished study prepared by Valent U.S.A., LLC. 7p. |
| 51095301 | Thompson, D. (2020) Product Chemistry of VBC Concentrate. Project Number: GLP/3403. Unpublished Study Prepared by McLaughlin Gormley King Company, D/B/A Mgk. 39p. |
| 51097801 | Thompson, D. (2020) Product Chemistry of MGK Formula 3113. Project Number: GLP/3401. Unpublished study prepared by McLaughlin Gormley King Company, D/B/A MGK. 65p. |
| 51134901 | Thompson, D. (2020) Product Chemistry of MGK Formula 3181. Project Number: GLP/3417. Unpublished Study Prepared by McLaughlin Gormley King Company, D/B/A MGK. 18p. |
| 51205301 | Thompson, D. (2020) Product Chemistry of Darlex Insecticide. Unpublished study prepared by McLaughlin Gormley King Company, D/B/A MGK. 39p. |
| 51243904 | Baptiste, C. (2018) Physical and Chemical Properties of One Batch of Clothianidin TC: Final Report. Project Number: R/B7164. Unpublished study prepared by Anadiag S.A. and Defitraces. 91p. |
| 51255101 | Thompson, D. (2020) Product Chemistry of MGK Formula 3096. Project Number: GLP/3402. Unpublished study prepared by McLaughlin Gormley King Company, D/B/A MGK. 37p. |
| 51300501 | Thompson, D. (2020) Product Chemistry of MGK Formula 31751. Project Number: GLP/3383. Unpublished Study Prepared by McLaughlin Gormley King Company. 41p. |
| 51300601 | Thompson, D. (2020) Product Chemistry of MGK Formula 31761. Project Number: GLP/3384. Unpublished Study Prepared by McLaughlin Gormley King Company. 20p. |
| 51428303 | Srinivas, S. (2021) Determination of Accelerated Storage Stability of Clothianidin 48% FS. Project Number: 20639. Unpublished Study Prepared by Palamur Biosciences Private Limited. 60p. |

**830.6316       Explodability**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46088501 | Cornes, S.; Mollica, J. (2003) U.S. EPA Product Properties Test Guidelines Group A and B of TM-44403 16 WSG. Project Number: TMN/0247, TMN/0248, 1444. Unpublished study prepared by Pyxant Labs Inc. and Arvesta Corporation. 53 p. |
| 46088502 | Cornes, S.; Mollica, J. (2003) U.S. EPA Product Properties Test Guidelines - Group A and B of TM-44402 0.5 G. Project Number: TMN/0247, TMN/0248, 1444. Unpublished study prepared by Pyxant Labs Inc. and Aventis Corporation. 63 p. |
| 46940001 | Halarnkar, P. (2006) Product Properties Test Guidelines - Group A and B of TM-44410 0.25 G. Project Number: TMN/0251, 1494W, 1494W/1. Unpublished study prepared by Arysta LifeScience North America Corporation and PTRL West, Inc. 63 p. |
| 47096001 | Bujor, D. (2007) Group A and B of ARY044415 SC: ALOFT GC SC: ALOFT LC SC: Group A - Product Identity, Composition and Analysis: Group B - Physical/Chemical Properties. Project Number: AR/0705, AR/0706, AR44415/2007. Unpublished study prepared by Arysta LifeScience North America Corporation. 88 p. |
| 47662301 | Huchet, G. (2008) Product Chemistry of Bayer Advanced Flower, Rose and Shrub Care III. Project Number: BR/2654, M/307207/01/1, 08FD075. Unpublished study prepared by Bayer CropScience. 271 p. |
| 47783701 | Huchet, G. (2008) Product Chemistry of Insecticide TD Granule. Project Number: BR2632, FD05808, FD05908. Unpublished study prepared by Bayer CropScience. 246 p. |
| 48596301 | Hines, D. (2011) The Physical Characterization of Poncho Votivo End-use Product. Project Number: M/413769/01/1 PC/11/003/OCR. Unpublished study prepared by Bayer CropScience. 288p. |
| 49372006 | Charlton, R. (2014) INTEGO SUITE Neutral Seed Protectant: Physical and Chemical Properties Waiver Requests. Project Number: 201400133, VP/38876. Unpublished study prepared by Valent U.S.A. Corporation. 6p. |
| 49705702 | Nie, C. (2016) Physical and Chemical Properties of INTEGO SUITE Cereals OF. Project Number: 201600015, VP/39141. Unpublished study prepared by Valent U.S.A. Corporation. 42p. |
| 50207203 | Nie, C. (2016) Physical and Chemical Properties of V-10395, V/16/4001. Project Number: 201600173, VP/40001. Unpublished study prepared by Valent Technical Center. 41p. |
| 50712903 | Nie, C. (2020) Self-Certification of the Summary of Physical and Chemical Properties of V-10503 FS. Project Number: V/201523. Unpublished study prepared by Valent U.S.A., LLC. 7p. |
| 50713307 | Nie, C. (2020) Self-Certification of the Summary of Physical and Chemical Properties of V-10170-VC2100 Insecticide. Project Number: V/201885. Unpublished study prepared by Valent U.S.A., LLC. 7p. |
| 51243912 | Armstrong, A. (2020) Sharda Clothianidin Technical: Product Chemistry - Group B: Request for Waiver for Certain Physical / Chemical Properties Data. Unpublished study prepared by Sharda CropChem Limited. 4p. |
| 51428303 | Srinivas, S. (2021) Determination of Accelerated Storage Stability of Clothianidin 48% FS. Project Number: 20639. Unpublished Study Prepared by Palamur Biosciences Private Limited. 60p. |

**830.6317       Storage stability**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46149301 | Cornes, S.; Baldwin, K. (2003) TM-44401-Determination of Storage Stability and Corrosion Characteristics. Project Number: TMN/0236C, 01J0004A. Unpublished study prepared by Toxikon Environmental Sciences and Arvesta Corporation. 51 p. |
| 46850603 | Hines, D. (2005) The Corrosion Characteristics and Storage Stability of GUS 7074-02 End-Use Product. Project Number: PC/04/006SS. Unpublished study prepared by Bayer CropScience LP and Gustafson Seed Technology Center. 34 p. |
| 46865801 | Hines, D. (2005) The Corrosion Characteristics and Storage Stability of GUS 7082-00 End-Use Product. Project Number: 7082/00, PC/04/005SS. Unpublished study prepared by Bayer CropScience LP and Gustafson Seed Technology Center. 33 p. |
| 46940001 | Halarnkar, P. (2006) Product Properties Test Guidelines - Group A and B of TM-44410 0.25 G. Project Number: TMN/0251, 1494W, 1494W/1. Unpublished study prepared by Arysta LifeScience North America Corporation and PTRL West, Inc. 63 p. |
| 46988201 | Robaugh, D. (2005) A Storage Stability, Corrosion Study, and Assay of the Formulations TM-44402: (TM-444 0.5G): Final Report. Project Number: TMN/0248, ARVESTA/1445. Unpublished study prepared by Pyxant Labs Inc. 91 p. |
| 46988202 | Robaugh, D. (2005) A Storage Stability, Corrosion Study, and Assay of the Formulations TM-44403: (TM-444 16 WSG): Final Report. Project Number: TMN/0248, ARVESTA/1445. Unpublished study prepared by Pyxant Labs Inc. 89 p. |
| 47003701 | Hines, D. (2005) The Corrosion Characteristics and Storage Stability of GUS 7082-00 End-Use Product. Project Number: PC/04/005SS, ZZ1041. Unpublished study prepared by Gustafson Seed Technology Center and Bayer CropScience LP. 33 p. |
| 47007801 | Folsom, B. (2006) Product Chemistry of Poncho Beta. Project Number: 02/00041, 14/1050/5281, BR2548. Unpublished study prepared by Bayer Corp. 281 p. |
| 47096001 | Bujor, D. (2007) Group A and B of ARY044415 SC: ALOFT GC SC: ALOFT LC SC: Group A - Product Identity, Composition and Analysis: Group B - Physical/Chemical Properties. Project Number: AR/0705, AR/0706, AR44415/2007. Unpublished study prepared by Arysta LifeScience North America Corporation. 88 p. |
| 47096003 | Bujor, D. (2007) Group A and B of ARY044416 G: ALOFT GC G: ALOFT LC G: Group A - Product Identity, Composition and Analysis: Group B - Physical/Chemical Properties. Project Number: AR/0703, AR/0704, AR44416/2007. Unpublished study prepared by Arysta LifeScience North America Corporation. 54 p. |
| 47437901 | Hines, D. (2008) The Physical Characterization of L1847 End-Use Product. Project Number: PC/08/003, ZZ1068, PC/08/003MV. Unpublished study prepared by Bayer Cropscience. 181 p. |
| 47483001 | Hines, D. (2008) Product Chemistry of Sepresto 75WS. Project Number: M/304667/01/1, BR/2645. Unpublished study prepared by Bayer CropScience. 126 p. |
| 47662001 | Huchet, G. (2008) Product Chemistry of Bayer Advanced Flower, Rose & Shrub Care II. Project Number: M/306688/01/1, BR2650. Unpublished study prepared by Bayer CropScience. 324 p. |
| 47662301 | Huchet, G. (2008) Product Chemistry of Bayer Advanced Flower, Rose and Shrub Care III. Project Number: BR/2654, M/307207/01/1, 08FD075. Unpublished study prepared by Bayer CropScience. 271 p. |
| 47783701 | Huchet, G. (2008) Product Chemistry of Insecticide TD Granule. Project Number: BR2632, FD05808, FD05908. Unpublished study prepared by Bayer CropScience. 246 p. |
| 47831201 | Ha, S. (2009) Storage Stability and Corrosion Characteristics of V-10170 5 FS. Project Number: 200900563, V/31648B, VA/031/03. Unpublished study prepared by Valent U.S.A. Corporation. 61 p. |
| 47831202 | Ha, S. (2009) Storage Stability and Corrosion Characteristics of V-10170 2.13 SC. Project Number: 200900561, V/31654B, VAM/22D/001. Unpublished study prepared by Valent U.S.A. Corporation. 60 p. |
| 47836301 | Hines, D. (2009) The Corrosion Characteristics and Storage Stability of Poncho Beta FS End-Use Product. Project Number: PC/07/001SS, ZZ1056. Unpublished study prepared by Bayer CropScience, LP. 42 p. |
| 48043501 | Hines, D. (2010) The Storage Stability and Corrosion Characteristics of L1847 End-Use Product. Project Number: PC/08/003SS, PC/08/003MV, ZZ1068. Unpublished study prepared by Bayer CropScience LP. 71 p. |
| 48050901 | Chen, R. (2010) The Storage Stability and Corrosion Characteristics of AE 1283741 600 FS End Use Product. Project Number: PC/09/001SS, DEH028/017/020. Unpublished study prepared by Bayer CropScience LP. 49 p. |
| 48156001 | Cheek, R. (2008) Storage Stability of Imidacloprid 0.74% + Clothianidin 0.37% SC in Various Package Types and Evaluate the Corrosion of the Various Packages. Project Number: 07SG005, 07MG006, M/311538/01/1. Unpublished study prepared by Bayer CropScience. 21 p. |
| 48156101 | Cheek, R. (2010) Storage Stability of Imidacloprid 0.55% + Clothianidin 0.275% Tree & Shrub GR in the Intended Package Type and Evaluate the Corrosion of the Intended Package. Project Number: 08SG011, 08MG010, M/361568/01/1. Unpublished study prepared by Bayer CropScience. 16 p. |
| 48276801 | Yarrow, E.; Edson, D. (2010) Storage Stability and/or Corrosion Characteristics of Imidacloprid 0.22% + Clothianidin 0.10% Gr. on 6-9-6 Fertilizer. Project Number: 09SG004, 09MG004. Unpublished study prepared by Bayer CropScience. 16 p. |
| 48276901 | Yarrow, E.; Edson, D. (2010) Storage Stability and/or Corrosion Characteristics of Imidacloprid 0.11% + Clothianidin 0.05% + Tebuconazole 1.06% Gr. on Fertilizer. Project Number: 09SG003, 09MG003. Unpublished study prepared by Bayer CropScience. 20 p. |
| 48491301 | Guldner, W.; Hoppe, D. (2011) Storage Stability Data of Clothianidin + Imidacloprid WS 75 (562.5+187.5 g/kg) - Packaging Material: HDPE. Project Number: M/329828/01/2, 14/0094/1100/OCR. Unpublished study prepared by Bayer CropScience. 17 p. |
| 48517101 | Hines, D. (2011) The Storage Stability and Corrosion Characteristics of L1908 FS End-Use Product. Project Number: M/400334/01/1, PC/09/004SS, M/400334/01/1/OCR. Unpublished study prepared by Bayer CropScience LP. 56 p. |
| 48522901 | Hines, D. (2011) The Storage Stability and Corrosion of Characteristics of L1829 End-Use Product. Project Number: PC/08/008SS, M/404134/01/1. Unpublished study prepared by Bayer CropScience LP. 69 p. |
| 48577801 | Hines, D. (2011) The Storage Stability and Corrosion Characteristics of L1902 End-Use Product. Project Number: M/411932/01/1, PC/09/002SS, M/411932/01/1/OCR. Unpublished study prepared by Bayer CropScience LP. 61p. |
| 48678201 | Black, H. (2011) The Storage Sability and Corrosion Characteristics of Inovate Seed Protectant in Small Bottle Equivalent of 2.5 Gallon HDPE Bottle - One Year Study. Project Number: GRL/12924 201100390. Unpublished study prepared by Chemtura Canada Co./Cie. 44p. |
| 48678202 | Black, H. (2011) The Storage Stability and Corrosion Characteristics of INOVATE Seed Protectant in Small Bottle Equivalent of 250 Gallon HDPE Container - One Year Study. Project Number: 201100391 GRL/12925. Unpublished study prepared by Chemtura Canada Co./Cie. 45p. |
| 48752201 | Brown, A. (2008) Storage Stability of ARY044415 SC with Corrosion Characteristics: Final Report. Project Number: AR/0706. Unpublished study prepared by Arysta LifeScience N.A. 11p. |
| 48753301 | Brown, A. (2008) Storage Stability of ARY044416 G with Corrosion Characteristics: Final Report. Project Number: AR/0704. Unpublished study prepared by Arysta LifeScience N.A. 11p. |
| 48937601 | Whittington, J. (2012) Shelf-Life Storage Stability and Corrosion Characteristics of V-10262 2.38 FS. Project Number: V/10/37766, 201200288. Unpublished study prepared by Valent U.S.A. Corporation. 100p. |
| 49008401 | Nie, C. (2012) Shelf-Life Storage Stability and Corrosion Characteristics of V-10304 0.37 FS: Nipsit Suite Cereals of Seed Protectant. Project Number: VP/37855. Unpublished study prepared by Valent U.S.A. Corporation. 71p. |
| 49041501 | Weber, E. (2012) Shelf-Life Storage Stability and Corrosion Characteristics of VBC3 Concentrate. Project Number: VBCL11/68060/48, CLMEBU11CONC/SS/CC. Unpublished study prepared by Valent Biosciences Corp. 81p. |
| 49072102 | Baker, B. (2013) Product Chemistry of BES0600 Insecticide. Project Number: M/451100/02/1, MV071, MO4588. Unpublished study prepared by Bayer Corp. 311p. |
| 49408301 | Weber, E. (2013) Shelf-Life Storage Stability and Corrosion Characteristics of VBC3 Aerosol. Project Number: CLMEBU12AEROSOL/SS/CC, VBCL/12/68060/63. Unpublished study prepared by Valent Biosciences Corp. 82p. |
| 49447702 | Nie, C. (2014) Physical and Chemical Properties of INTEGO SUITE Seed Protectant. Project Number: 201400212, VP/38893. Unpublished study prepared by Valent U.S.A. Corporation. 42p. |
| 49485001 | Dunn, N. (2014) The Storage Stability and Corrosion Characteristics of Inovate Pro (UBI 7004-00) in Packaging Equivalent of 45 Gallon HDPE Containers Over 1 Year. Project Number: GRL/13228, 201400144. Unpublished study prepared by Chemtura Canada Co./Cie. 51p. |
| 49561603 | Jeffries, D. (2015) Storage Stability Evaluation of MGK Formula 3110 Revision 0. Project Number: GLP/2961. Unpublished study prepared by McLaughlin Gormley King Company. 13p. |
| 49618001 | Manka, S. (2015) Determination of Physico-Chemical Properties and Accelerated Storage Stability Test for Clothianidin RB 1% in PE Syringe: 1 Week at 0 Degree Celsius, 2 weeks at 54 Degree Celsius and 36 Months at Ambient Conditions. Project Number: M/454510/02/2, MO4624, ESNTX037. Unpublished study prepared by BioGenius GmbH. 47p. |
| 49920301 | Jeffries, D. (2016) Storage Stability Evlaution of MGK Formula 30643. Project Number: GLP/2944,. Unpublished study prepared by McLaughlin Gormley King Company. 22p. |
| 50154401 | Nie, C. (2017) Shelf-Life Storage Stability and Corrosion Characteristics of INTEGO SUITE Cereals OF. Project Number: 201700038, VP/39145. Unpublished study prepared by Valent U.S.A. Corporation. 82p. |
| 50207204 | Nie, C. (2017) Shelf-Life Storage Stability and Corrosion Characteristics of V-10395. Project Number: 201700200, VP/40002. Unpublished study prepared by Valent Technical Center. 55p. |
| 50329301 | Jeffries, A. (2016) Storage Stability Evaluation of F-3104. Project Number: GLP/3015. Unpublished study prepared by McLauchlin Gormley King Company. 12p. |
| 50329401 | Jeffries, D. (2017) Storage Stability Evaluation of F-3119. Project Number: GLP/3016. Unpublished study prepared by McLaughlin Gormley King Company. 12p. |
| 50478601 | Nie, C. (2017) Shelf-Life Storage Stability and Corrosion Characteristics of INTEGO SUITE Seed Protectant. Project Number: 201700193, VP/40043. Unpublished study prepared by VALENT U.S.A. LLC. 80p. |
| 50604203 | Thompson, D. (2018) Accelerated Storage Stability Evaluation of MGK Formula 3144. Project Number: GLP/3216. Unpublished study prepared by McLaughlin Gormley King Company. 13p. |
| 50712903 | Nie, C. (2020) Self-Certification of the Summary of Physical and Chemical Properties of V-10503 FS. Project Number: V/201523. Unpublished study prepared by Valent U.S.A., LLC. 7p. |
| 50713307 | Nie, C. (2020) Self-Certification of the Summary of Physical and Chemical Properties of V-10170-VC2100 Insecticide. Project Number: V/201885. Unpublished study prepared by Valent U.S.A., LLC. 7p. |
| 50791201 | Thompson, D. (2018) Storage Stability Evaluation of MGK Formula 3128. Project Number: GLP/3089. Unpublished study prepared by McLaughlin Gormley King Company. 21p. |
| 50791301 | Thompson, D. (2018) Storage Stability Evaluation of MGK Formula 3129. Project Number: GLP/3090. Unpublished study prepared by McLaughlin Gormley King Company. 21p. |
| 51185401 | Thompson, D. (2020) Accelerated Storage Stability Evaluation of MGK Formula 3144. Project Number: GLP/3413. Unpublished study prepared by McLaughlin Gormley King Company, D/B/A MGK. 13p. |
| 51238801 | Thompson, D. (2020) Accelerated Storage Stability Evaluation of VBC3 Concentrate. Project Number: GLP/3412. Unpublished study prepared by McLaughlin Gormley King Company, D/B/A MGK. 39p. |
| 51239201 | Thompson, D. (2020) Accelerated Storage Stability Evaluation of MGK Formula 3113. Project Number: GLP/3414. Unpublished study prepared by McLaughlin Gormley King Company, D/B/A MGK. 13p. |
| 51243904 | Baptiste, C. (2018) Physical and Chemical Properties of One Batch of Clothianidin TC: Final Report. Project Number: R/B7164. Unpublished study prepared by Anadiag S.A. and Defitraces. 91p. |
| 51255103 | Thompson, D. (2020) Accelerated Storage Stability Evaluation of MGK Formula 3096. Project Number: GLP/3418. Unpublished study prepared by McLaughlin Gormley King Company, D/B/A MGK. 13p. |
| 51300603 | Thompson, D. (2020) Accelerated Storage Stability Evaluation of MGK Formula 31761. Project Number: GLP/3429. Unpublished Study Prepared by McLaughlin Gormley King Company. 14p. |
| 51428303 | Srinivas, S. (2021) Determination of Accelerated Storage Stability of Clothianidin 48% FS. Project Number: 20639. Unpublished Study Prepared by Palamur Biosciences Private Limited. 60p. |

**830.6319       Miscibility**

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| **MRID** | **Citation Reference** |
|  |  |
| 47662301 | Huchet, G. (2008) Product Chemistry of Bayer Advanced Flower, Rose and Shrub Care III. Project Number: BR/2654, M/307207/01/1, 08FD075. Unpublished study prepared by Bayer CropScience. 271 p. |
| 47783701 | Huchet, G. (2008) Product Chemistry of Insecticide TD Granule. Project Number: BR2632, FD05808, FD05908. Unpublished study prepared by Bayer CropScience. 246 p. |
| 49372006 | Charlton, R. (2014) INTEGO SUITE Neutral Seed Protectant: Physical and Chemical Properties Waiver Requests. Project Number: 201400133, VP/38876. Unpublished study prepared by Valent U.S.A. Corporation. 6p. |
| 49551602 | Jeffries, D. (2015) Product Chemistry of MGK Formula 30643. Project Number: GLP/2943. Unpublished study prepared by McLaughlin Gormley King Company. 16p. |
| 49641201 | Jeffries, D. (2015) Product Chemistry of MGK Formula 3071. Project Number: GLP/2979. Unpublished study prepared by McLaughlin Gormley King Company. 7p. |
| 49705702 | Nie, C. (2016) Physical and Chemical Properties of INTEGO SUITE Cereals OF. Project Number: 201600015, VP/39141. Unpublished study prepared by Valent U.S.A. Corporation. 42p. |
| 49743901 | Thompson, D. (2015) Product Chemistry of MGK Formula 30642 Revision 1. Project Number: GLP/2987. Unpublished study prepared by McLaughlin Gormley King Company. 5p. |
| 49787901 | Jeffries, D. (2015) Product Chemistry of MGK Formula 3119. Project Number: GLP/3017. Unpublished study prepared by McLaughlin Gormley King Company. 11p. |
| 49788001 | Jeffries, D. (2016) Product Chemistry of MGK Formula 3104. Project Number: GLP/3021. Unpublished study prepared by McLaughlin Gormley King Company. 11p. |
| 50207203 | Nie, C. (2016) Physical and Chemical Properties of V-10395, V/16/4001. Project Number: 201600173, VP/40001. Unpublished study prepared by Valent Technical Center. 41p. |
| 50604202 | Thompson, D. (2018) Product Chemistry of MGK Formula 3144. Project Number: GLP/3189. Unpublished study prepared by McLaughlin Gormley King Company. 33p. |
| 50712903 | Nie, C. (2020) Self-Certification of the Summary of Physical and Chemical Properties of V-10503 FS. Project Number: V/201523. Unpublished study prepared by Valent U.S.A., LLC. 7p. |
| 50713307 | Nie, C. (2020) Self-Certification of the Summary of Physical and Chemical Properties of V-10170-VC2100 Insecticide. Project Number: V/201885. Unpublished study prepared by Valent U.S.A., LLC. 7p. |
| 51095301 | Thompson, D. (2020) Product Chemistry of VBC Concentrate. Project Number: GLP/3403. Unpublished Study Prepared by McLaughlin Gormley King Company, D/B/A Mgk. 39p. |
| 51097801 | Thompson, D. (2020) Product Chemistry of MGK Formula 3113. Project Number: GLP/3401. Unpublished study prepared by McLaughlin Gormley King Company, D/B/A MGK. 65p. |
| 51134901 | Thompson, D. (2020) Product Chemistry of MGK Formula 3181. Project Number: GLP/3417. Unpublished Study Prepared by McLaughlin Gormley King Company, D/B/A MGK. 18p. |
| 51205301 | Thompson, D. (2020) Product Chemistry of Darlex Insecticide. Unpublished study prepared by McLaughlin Gormley King Company, D/B/A MGK. 39p. |
| 51243912 | Armstrong, A. (2020) Sharda Clothianidin Technical: Product Chemistry - Group B: Request for Waiver for Certain Physical / Chemical Properties Data. Unpublished study prepared by Sharda CropChem Limited. 4p. |
| 51255101 | Thompson, D. (2020) Product Chemistry of MGK Formula 3096. Project Number: GLP/3402. Unpublished study prepared by McLaughlin Gormley King Company, D/B/A MGK. 37p. |
| 51300501 | Thompson, D. (2020) Product Chemistry of MGK Formula 31751. Project Number: GLP/3383. Unpublished Study Prepared by McLaughlin Gormley King Company. 41p. |
| 51300601 | Thompson, D. (2020) Product Chemistry of MGK Formula 31761. Project Number: GLP/3384. Unpublished Study Prepared by McLaughlin Gormley King Company. 20p. |
| 51428304 | Hardie, R. (2021) Sharda Clothianidin 48% FS: Product Chemistry - Group B: Request for Waiver for Certain Physical / Chemical Properties Data. Unpublished Study Prepared by Sharda USA LLC. 5p. |

**830.6320       Corrosion characteristics**

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| **MRID** | **Citation Reference** |
|  |  |
| 46149301 | Cornes, S.; Baldwin, K. (2003) TM-44401-Determination of Storage Stability and Corrosion Characteristics. Project Number: TMN/0236C, 01J0004A. Unpublished study prepared by Toxikon Environmental Sciences and Arvesta Corporation. 51 p. |
| 46850603 | Hines, D. (2005) The Corrosion Characteristics and Storage Stability of GUS 7074-02 End-Use Product. Project Number: PC/04/006SS. Unpublished study prepared by Bayer CropScience LP and Gustafson Seed Technology Center. 34 p. |
| 46865801 | Hines, D. (2005) The Corrosion Characteristics and Storage Stability of GUS 7082-00 End-Use Product. Project Number: 7082/00, PC/04/005SS. Unpublished study prepared by Bayer CropScience LP and Gustafson Seed Technology Center. 33 p. |
| 46988201 | Robaugh, D. (2005) A Storage Stability, Corrosion Study, and Assay of the Formulations TM-44402: (TM-444 0.5G): Final Report. Project Number: TMN/0248, ARVESTA/1445. Unpublished study prepared by Pyxant Labs Inc. 91 p. |
| 46988202 | Robaugh, D. (2005) A Storage Stability, Corrosion Study, and Assay of the Formulations TM-44403: (TM-444 16 WSG): Final Report. Project Number: TMN/0248, ARVESTA/1445. Unpublished study prepared by Pyxant Labs Inc. 89 p. |
| 47003701 | Hines, D. (2005) The Corrosion Characteristics and Storage Stability of GUS 7082-00 End-Use Product. Project Number: PC/04/005SS, ZZ1041. Unpublished study prepared by Gustafson Seed Technology Center and Bayer CropScience LP. 33 p. |
| 47007801 | Folsom, B. (2006) Product Chemistry of Poncho Beta. Project Number: 02/00041, 14/1050/5281, BR2548. Unpublished study prepared by Bayer Corp. 281 p. |
| 47096001 | Bujor, D. (2007) Group A and B of ARY044415 SC: ALOFT GC SC: ALOFT LC SC: Group A - Product Identity, Composition and Analysis: Group B - Physical/Chemical Properties. Project Number: AR/0705, AR/0706, AR44415/2007. Unpublished study prepared by Arysta LifeScience North America Corporation. 88 p. |
| 47096003 | Bujor, D. (2007) Group A and B of ARY044416 G: ALOFT GC G: ALOFT LC G: Group A - Product Identity, Composition and Analysis: Group B - Physical/Chemical Properties. Project Number: AR/0703, AR/0704, AR44416/2007. Unpublished study prepared by Arysta LifeScience North America Corporation. 54 p. |
| 47437901 | Hines, D. (2008) The Physical Characterization of L1847 End-Use Product. Project Number: PC/08/003, ZZ1068, PC/08/003MV. Unpublished study prepared by Bayer Cropscience. 181 p. |
| 47483001 | Hines, D. (2008) Product Chemistry of Sepresto 75WS. Project Number: M/304667/01/1, BR/2645. Unpublished study prepared by Bayer CropScience. 126 p. |
| 47662001 | Huchet, G. (2008) Product Chemistry of Bayer Advanced Flower, Rose & Shrub Care II. Project Number: M/306688/01/1, BR2650. Unpublished study prepared by Bayer CropScience. 324 p. |
| 47662301 | Huchet, G. (2008) Product Chemistry of Bayer Advanced Flower, Rose and Shrub Care III. Project Number: BR/2654, M/307207/01/1, 08FD075. Unpublished study prepared by Bayer CropScience. 271 p. |
| 47783701 | Huchet, G. (2008) Product Chemistry of Insecticide TD Granule. Project Number: BR2632, FD05808, FD05908. Unpublished study prepared by Bayer CropScience. 246 p. |
| 47831201 | Ha, S. (2009) Storage Stability and Corrosion Characteristics of V-10170 5 FS. Project Number: 200900563, V/31648B, VA/031/03. Unpublished study prepared by Valent U.S.A. Corporation. 61 p. |
| 47831202 | Ha, S. (2009) Storage Stability and Corrosion Characteristics of V-10170 2.13 SC. Project Number: 200900561, V/31654B, VAM/22D/001. Unpublished study prepared by Valent U.S.A. Corporation. 60 p. |
| 47836301 | Hines, D. (2009) The Corrosion Characteristics and Storage Stability of Poncho Beta FS End-Use Product. Project Number: PC/07/001SS, ZZ1056. Unpublished study prepared by Bayer CropScience, LP. 42 p. |
| 48043501 | Hines, D. (2010) The Storage Stability and Corrosion Characteristics of L1847 End-Use Product. Project Number: PC/08/003SS, PC/08/003MV, ZZ1068. Unpublished study prepared by Bayer CropScience LP. 71 p. |
| 48050901 | Chen, R. (2010) The Storage Stability and Corrosion Characteristics of AE 1283741 600 FS End Use Product. Project Number: PC/09/001SS, DEH028/017/020. Unpublished study prepared by Bayer CropScience LP. 49 p. |
| 48156001 | Cheek, R. (2008) Storage Stability of Imidacloprid 0.74% + Clothianidin 0.37% SC in Various Package Types and Evaluate the Corrosion of the Various Packages. Project Number: 07SG005, 07MG006, M/311538/01/1. Unpublished study prepared by Bayer CropScience. 21 p. |
| 48156101 | Cheek, R. (2010) Storage Stability of Imidacloprid 0.55% + Clothianidin 0.275% Tree & Shrub GR in the Intended Package Type and Evaluate the Corrosion of the Intended Package. Project Number: 08SG011, 08MG010, M/361568/01/1. Unpublished study prepared by Bayer CropScience. 16 p. |
| 48276801 | Yarrow, E.; Edson, D. (2010) Storage Stability and/or Corrosion Characteristics of Imidacloprid 0.22% + Clothianidin 0.10% Gr. on 6-9-6 Fertilizer. Project Number: 09SG004, 09MG004. Unpublished study prepared by Bayer CropScience. 16 p. |
| 48276901 | Yarrow, E.; Edson, D. (2010) Storage Stability and/or Corrosion Characteristics of Imidacloprid 0.11% + Clothianidin 0.05% + Tebuconazole 1.06% Gr. on Fertilizer. Project Number: 09SG003, 09MG003. Unpublished study prepared by Bayer CropScience. 20 p. |
| 48491301 | Guldner, W.; Hoppe, D. (2011) Storage Stability Data of Clothianidin + Imidacloprid WS 75 (562.5+187.5 g/kg) - Packaging Material: HDPE. Project Number: M/329828/01/2, 14/0094/1100/OCR. Unpublished study prepared by Bayer CropScience. 17 p. |
| 48517101 | Hines, D. (2011) The Storage Stability and Corrosion Characteristics of L1908 FS End-Use Product. Project Number: M/400334/01/1, PC/09/004SS, M/400334/01/1/OCR. Unpublished study prepared by Bayer CropScience LP. 56 p. |
| 48522901 | Hines, D. (2011) The Storage Stability and Corrosion of Characteristics of L1829 End-Use Product. Project Number: PC/08/008SS, M/404134/01/1. Unpublished study prepared by Bayer CropScience LP. 69 p. |
| 48577801 | Hines, D. (2011) The Storage Stability and Corrosion Characteristics of L1902 End-Use Product. Project Number: M/411932/01/1, PC/09/002SS, M/411932/01/1/OCR. Unpublished study prepared by Bayer CropScience LP. 61p. |
| 48678201 | Black, H. (2011) The Storage Sability and Corrosion Characteristics of Inovate Seed Protectant in Small Bottle Equivalent of 2.5 Gallon HDPE Bottle - One Year Study. Project Number: GRL/12924 201100390. Unpublished study prepared by Chemtura Canada Co./Cie. 44p. |
| 48678202 | Black, H. (2011) The Storage Stability and Corrosion Characteristics of INOVATE Seed Protectant in Small Bottle Equivalent of 250 Gallon HDPE Container - One Year Study. Project Number: 201100391 GRL/12925. Unpublished study prepared by Chemtura Canada Co./Cie. 45p. |
| 48752201 | Brown, A. (2008) Storage Stability of ARY044415 SC with Corrosion Characteristics: Final Report. Project Number: AR/0706. Unpublished study prepared by Arysta LifeScience N.A. 11p. |
| 48753301 | Brown, A. (2008) Storage Stability of ARY044416 G with Corrosion Characteristics: Final Report. Project Number: AR/0704. Unpublished study prepared by Arysta LifeScience N.A. 11p. |
| 48937601 | Whittington, J. (2012) Shelf-Life Storage Stability and Corrosion Characteristics of V-10262 2.38 FS. Project Number: V/10/37766, 201200288. Unpublished study prepared by Valent U.S.A. Corporation. 100p. |
| 49008401 | Nie, C. (2012) Shelf-Life Storage Stability and Corrosion Characteristics of V-10304 0.37 FS: Nipsit Suite Cereals of Seed Protectant. Project Number: VP/37855. Unpublished study prepared by Valent U.S.A. Corporation. 71p. |
| 49041501 | Weber, E. (2012) Shelf-Life Storage Stability and Corrosion Characteristics of VBC3 Concentrate. Project Number: VBCL11/68060/48, CLMEBU11CONC/SS/CC. Unpublished study prepared by Valent Biosciences Corp. 81p. |
| 49072102 | Baker, B. (2013) Product Chemistry of BES0600 Insecticide. Project Number: M/451100/02/1, MV071, MO4588. Unpublished study prepared by Bayer Corp. 311p. |
| 49408301 | Weber, E. (2013) Shelf-Life Storage Stability and Corrosion Characteristics of VBC3 Aerosol. Project Number: CLMEBU12AEROSOL/SS/CC, VBCL/12/68060/63. Unpublished study prepared by Valent Biosciences Corp. 82p. |
| 49447702 | Nie, C. (2014) Physical and Chemical Properties of INTEGO SUITE Seed Protectant. Project Number: 201400212, VP/38893. Unpublished study prepared by Valent U.S.A. Corporation. 42p. |
| 49485001 | Dunn, N. (2014) The Storage Stability and Corrosion Characteristics of Inovate Pro (UBI 7004-00) in Packaging Equivalent of 45 Gallon HDPE Containers Over 1 Year. Project Number: GRL/13228, 201400144. Unpublished study prepared by Chemtura Canada Co./Cie. 51p. |
| 49561603 | Jeffries, D. (2015) Storage Stability Evaluation of MGK Formula 3110 Revision 0. Project Number: GLP/2961. Unpublished study prepared by McLaughlin Gormley King Company. 13p. |
| 49618001 | Manka, S. (2015) Determination of Physico-Chemical Properties and Accelerated Storage Stability Test for Clothianidin RB 1% in PE Syringe: 1 Week at 0 Degree Celsius, 2 weeks at 54 Degree Celsius and 36 Months at Ambient Conditions. Project Number: M/454510/02/2, MO4624, ESNTX037. Unpublished study prepared by BioGenius GmbH. 47p. |
| 49920301 | Jeffries, D. (2016) Storage Stability Evlaution of MGK Formula 30643. Project Number: GLP/2944,. Unpublished study prepared by McLaughlin Gormley King Company. 22p. |
| 50154401 | Nie, C. (2017) Shelf-Life Storage Stability and Corrosion Characteristics of INTEGO SUITE Cereals OF. Project Number: 201700038, VP/39145. Unpublished study prepared by Valent U.S.A. Corporation. 82p. |
| 50207204 | Nie, C. (2017) Shelf-Life Storage Stability and Corrosion Characteristics of V-10395. Project Number: 201700200, VP/40002. Unpublished study prepared by Valent Technical Center. 55p. |
| 50329301 | Jeffries, A. (2016) Storage Stability Evaluation of F-3104. Project Number: GLP/3015. Unpublished study prepared by McLauchlin Gormley King Company. 12p. |
| 50329401 | Jeffries, D. (2017) Storage Stability Evaluation of F-3119. Project Number: GLP/3016. Unpublished study prepared by McLaughlin Gormley King Company. 12p. |
| 50478601 | Nie, C. (2017) Shelf-Life Storage Stability and Corrosion Characteristics of INTEGO SUITE Seed Protectant. Project Number: 201700193, VP/40043. Unpublished study prepared by VALENT U.S.A. LLC. 80p. |
| 50604203 | Thompson, D. (2018) Accelerated Storage Stability Evaluation of MGK Formula 3144. Project Number: GLP/3216. Unpublished study prepared by McLaughlin Gormley King Company. 13p. |
| 50712903 | Nie, C. (2020) Self-Certification of the Summary of Physical and Chemical Properties of V-10503 FS. Project Number: V/201523. Unpublished study prepared by Valent U.S.A., LLC. 7p. |
| 50713307 | Nie, C. (2020) Self-Certification of the Summary of Physical and Chemical Properties of V-10170-VC2100 Insecticide. Project Number: V/201885. Unpublished study prepared by Valent U.S.A., LLC. 7p. |
| 50791201 | Thompson, D. (2018) Storage Stability Evaluation of MGK Formula 3128. Project Number: GLP/3089. Unpublished study prepared by McLaughlin Gormley King Company. 21p. |
| 50791301 | Thompson, D. (2018) Storage Stability Evaluation of MGK Formula 3129. Project Number: GLP/3090. Unpublished study prepared by McLaughlin Gormley King Company. 21p. |
| 51185401 | Thompson, D. (2020) Accelerated Storage Stability Evaluation of MGK Formula 3144. Project Number: GLP/3413. Unpublished study prepared by McLaughlin Gormley King Company, D/B/A MGK. 13p. |
| 51238801 | Thompson, D. (2020) Accelerated Storage Stability Evaluation of VBC3 Concentrate. Project Number: GLP/3412. Unpublished study prepared by McLaughlin Gormley King Company, D/B/A MGK. 39p. |
| 51239201 | Thompson, D. (2020) Accelerated Storage Stability Evaluation of MGK Formula 3113. Project Number: GLP/3414. Unpublished study prepared by McLaughlin Gormley King Company, D/B/A MGK. 13p. |
| 51243904 | Baptiste, C. (2018) Physical and Chemical Properties of One Batch of Clothianidin TC: Final Report. Project Number: R/B7164. Unpublished study prepared by Anadiag S.A. and Defitraces. 91p. |
| 51255103 | Thompson, D. (2020) Accelerated Storage Stability Evaluation of MGK Formula 3096. Project Number: GLP/3418. Unpublished study prepared by McLaughlin Gormley King Company, D/B/A MGK. 13p. |
| 51300603 | Thompson, D. (2020) Accelerated Storage Stability Evaluation of MGK Formula 31761. Project Number: GLP/3429. Unpublished Study Prepared by McLaughlin Gormley King Company. 14p. |
| 51428303 | Srinivas, S. (2021) Determination of Accelerated Storage Stability of Clothianidin 48% FS. Project Number: 20639. Unpublished Study Prepared by Palamur Biosciences Private Limited. 60p. |

**830.6321       Dielectric breakdown voltage**

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| **MRID** | **Citation Reference** |
|  |  |
| 47662301 | Huchet, G. (2008) Product Chemistry of Bayer Advanced Flower, Rose and Shrub Care III. Project Number: BR/2654, M/307207/01/1, 08FD075. Unpublished study prepared by Bayer CropScience. 271 p. |
| 47783701 | Huchet, G. (2008) Product Chemistry of Insecticide TD Granule. Project Number: BR2632, FD05808, FD05908. Unpublished study prepared by Bayer CropScience. 246 p. |
| 49372006 | Charlton, R. (2014) INTEGO SUITE Neutral Seed Protectant: Physical and Chemical Properties Waiver Requests. Project Number: 201400133, VP/38876. Unpublished study prepared by Valent U.S.A. Corporation. 6p. |
| 49705702 | Nie, C. (2016) Physical and Chemical Properties of INTEGO SUITE Cereals OF. Project Number: 201600015, VP/39141. Unpublished study prepared by Valent U.S.A. Corporation. 42p. |
| 50207203 | Nie, C. (2016) Physical and Chemical Properties of V-10395, V/16/4001. Project Number: 201600173, VP/40001. Unpublished study prepared by Valent Technical Center. 41p. |
| 50712903 | Nie, C. (2020) Self-Certification of the Summary of Physical and Chemical Properties of V-10503 FS. Project Number: V/201523. Unpublished study prepared by Valent U.S.A., LLC. 7p. |
| 50713307 | Nie, C. (2020) Self-Certification of the Summary of Physical and Chemical Properties of V-10170-VC2100 Insecticide. Project Number: V/201885. Unpublished study prepared by Valent U.S.A., LLC. 7p. |
| 51243912 | Armstrong, A. (2020) Sharda Clothianidin Technical: Product Chemistry - Group B: Request for Waiver for Certain Physical / Chemical Properties Data. Unpublished study prepared by Sharda CropChem Limited. 4p. |
| 51428304 | Hardie, R. (2021) Sharda Clothianidin 48% FS: Product Chemistry - Group B: Request for Waiver for Certain Physical / Chemical Properties Data. Unpublished Study Prepared by Sharda USA LLC. 5p. |

**830.7000       pH**

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| **MRID** | **Citation Reference** |
|  |  |
| 46088501 | Cornes, S.; Mollica, J. (2003) U.S. EPA Product Properties Test Guidelines Group A and B of TM-44403 16 WSG. Project Number: TMN/0247, TMN/0248, 1444. Unpublished study prepared by Pyxant Labs Inc. and Arvesta Corporation. 53 p. |
| 46088502 | Cornes, S.; Mollica, J. (2003) U.S. EPA Product Properties Test Guidelines - Group A and B of TM-44402 0.5 G. Project Number: TMN/0247, TMN/0248, 1444. Unpublished study prepared by Pyxant Labs Inc. and Aventis Corporation. 63 p. |
| 46482301 | Frank, J. (2005) Product Chemistry of AE 1283742 03 SC47 A1. Project Number: BR/2372, 201180, ANR/00405. Unpublished study prepared by Bayer Corp. 166 p. |
| 46850601 | Bates, P. (2005) The Physical Characteristics of GUS 7074-02 Seed Treatment End-Use Product. Project Number: PC/04/006. Unpublished study prepared by Gustafson Seed Technology Center. 144 p. |
| 46853901 | Bates, P. (2005) The Physical Characteristics of GUS 7082-00 Seed Treatment End-Use Product. Project Number: PC/04/005. Unpublished study prepared by Gustafson Seed Technology Center. 109 p. |
| 46859701 | Schick, M. (2006) Physical Properties of TM-44410 Formulation (Arena 0.25 G). Project Number: 1494W, 1494W/1. Unpublished study prepared by PTRL West, Inc. 16 p. |
| 46940001 | Halarnkar, P. (2006) Product Properties Test Guidelines - Group A and B of TM-44410 0.25 G. Project Number: TMN/0251, 1494W, 1494W/1. Unpublished study prepared by Arysta LifeScience North America Corporation and PTRL West, Inc. 63 p. |
| 47007801 | Folsom, B. (2006) Product Chemistry of Poncho Beta. Project Number: 02/00041, 14/1050/5281, BR2548. Unpublished study prepared by Bayer Corp. 281 p. |
| 47096001 | Bujor, D. (2007) Group A and B of ARY044415 SC: ALOFT GC SC: ALOFT LC SC: Group A - Product Identity, Composition and Analysis: Group B - Physical/Chemical Properties. Project Number: AR/0705, AR/0706, AR44415/2007. Unpublished study prepared by Arysta LifeScience North America Corporation. 88 p. |
| 47096002 | Brown, A. (2007) Physical Properties of ARY044415 SC: Final Report. Project Number: AR/0705. Unpublished study prepared by Arysta LifeScience North America Corporation. 13 p. |
| 47096003 | Bujor, D. (2007) Group A and B of ARY044416 G: ALOFT GC G: ALOFT LC G: Group A - Product Identity, Composition and Analysis: Group B - Physical/Chemical Properties. Project Number: AR/0703, AR/0704, AR44416/2007. Unpublished study prepared by Arysta LifeScience North America Corporation. 54 p. |
| 47096004 | Brown, A. (2007) Physical Properties of ARY044416 G: Final Report. Project Number: AR/0703. Unpublished study prepared by Arysta LifeScience North America Corporation. 12 p. |
| 47177402 | Ha, S. (2007) Physical and Chemical Properties of V-10170 2.13 SC. Project Number: V/31654A, 200700267. Unpublished study prepared by Valent U.S.A. Corporation. 64 p. |
| 47206501 | Mitchell, H. (2007) Product Chemistry of Insecticide TD Concentrate. Project Number: BR/2564, 201639, AM001704KF2. Unpublished study prepared by Bayer Corp. 408 p. |
| 47226102 | Ha, S. (2007) Physical and Chemical Properties of V-10170 5 FS. Project Number: V/31648A, 200700263, VA/030/02. Unpublished study prepared by Valent U.S.A. Corporation. 64 p. |
| 47437901 | Hines, D. (2008) The Physical Characterization of L1847 End-Use Product. Project Number: PC/08/003, ZZ1068, PC/08/003MV. Unpublished study prepared by Bayer Cropscience. 181 p. |
| 47483001 | Hines, D. (2008) Product Chemistry of Sepresto 75WS. Project Number: M/304667/01/1, BR/2645. Unpublished study prepared by Bayer CropScience. 126 p. |
| 47483301 | Hines, D. (2008) The Physical Characterization of L1829 End-Use Product. Project Number: PC/08/008, PC/08/008MV, ZZ1070. Unpublished study prepared by Bayer Cropscience LP. 166 p. |
| 47662001 | Huchet, G. (2008) Product Chemistry of Bayer Advanced Flower, Rose & Shrub Care II. Project Number: M/306688/01/1, BR2650. Unpublished study prepared by Bayer CropScience. 324 p. |
| 47662301 | Huchet, G. (2008) Product Chemistry of Bayer Advanced Flower, Rose and Shrub Care III. Project Number: BR/2654, M/307207/01/1, 08FD075. Unpublished study prepared by Bayer CropScience. 271 p. |
| 47783701 | Huchet, G. (2008) Product Chemistry of Insecticide TD Granule. Project Number: BR2632, FD05808, FD05908. Unpublished study prepared by Bayer CropScience. 246 p. |
| 47835907 | Hines, D. (2009) The Physical Characterization of L1902 End-Use Product. Project Number: M/354425/01/1, PC/09/002, M/354425/01/1/OCR. Unpublished study prepared by Bayer CropScience, LP. 198 p. |
| 48024201 | Hines, D. (2010) Product Chemistry of Penclotrime 310.68FS. Project Number: M/365173/01/1, BR/2686, M/365173/01/1/OCR. Unpublished study prepared by Bayer CropScience. 360 p. |
| 48024601 | Hines, D. (2010) Product Chemistry of Penclo 273.5FS. Project Number: M/365179/01/1, BR/2691, M/365179/01/1/OCR. Unpublished study prepared by Bayer CropScience. 349 p. |
| 48311203 | Friedlander, B. (2010) The Physical and Chemical Properties of Inovate Seed Protectant: Final Report Amendment - 02. Project Number: 201000294, GRL/12912. Unpublished study prepared by Chemtura Canada Co./Cie. 51 p. |
| 48505202 | Nie, C. (2011) Physical and Chemical Properties of V-10304 0.37 FS. Project Number: 201100150, VP/37858, VA/032/03. Unpublished study prepared by Valent U.S.A. Corporation. 42 p. 42 p. |
| 48531802 | Whittington, J. (2010) Physical and Chemical Properties of V-10262 2.38 FS. Project Number: 201000267, V/10/37763. Unpublished study prepared by Valent U.S.A. Corporation. 40 p. |
| 48596301 | Hines, D. (2011) The Physical Characterization of Poncho Votivo End-use Product. Project Number: M/413769/01/1 PC/11/003/OCR. Unpublished study prepared by Bayer CropScience. 288p. |
| 48677203 | Mattox, M. (2011) Physical and Chemical Properties of Bedbug Control Concentrate. Project Number: VBCL/11/68060/46 CLMEBU11CONC/PC. Unpublished study prepared by Valent BioSciences Corporation. 54p. |
| 48720704 | Dunn, N. (2013) The Physical and Chemical Characteristics of Inovate Pro (UBI 7004-00). Project Number: GRL/13227. Unpublished study prepared by Chemtura Canada Co./Cie. 42p. |
| 48875703 | Lawrence, Q. (2011) End-Use Product Chemistry for Clothianidin 75% MC: Final Report. Project Number: 310500/01/048/01. Unpublished study prepared by MRIGlobal. 13p. |
| 48877301 | Hines, D. (2012) The Physical Characterization of Poncho Votivo End-Use Product. Project Number: M/431700/01/1/OCR, PC/12/007. Unpublished study prepared by Bayer CropScience. 282p. |
| 48998603 | Weber, E. (2012) Physical and Chemical Properties of VBC3 Spray. Project Number: VBCL12/68060/61, CLMEBU12SPRAY/PC. Unpublished study prepared by Valent Biosciences Corp. 52p. |
| 49072102 | Baker, B. (2013) Product Chemistry of BES0600 Insecticide. Project Number: M/451100/02/1, MV071, MO4588. Unpublished study prepared by Bayer Corp. 311p. |
| 49372005 | Barker, C. (2014) The Physical and Chemical Characteristics of Intego Suite Seed Protectant (UBI 7009-00). Project Number: 201400102, GRL/13300, GRL/GM/1028. Unpublished study prepared by Chemtura Canada Co./Cie. 44p. |
| 49447702 | Nie, C. (2014) Physical and Chemical Properties of INTEGO SUITE Seed Protectant. Project Number: 201400212, VP/38893. Unpublished study prepared by Valent U.S.A. Corporation. 42p. |
| 49551602 | Jeffries, D. (2015) Product Chemistry of MGK Formula 30643. Project Number: GLP/2943. Unpublished study prepared by McLaughlin Gormley King Company. 16p. |
| 49561602 | Jeffries, D. (2015) Product Chemistry and Characterization of MGK Formula 3113. Project Number: GLP/2593. Unpublished study prepared by McLaughlin Gormley King Company. 16p. |
| 49641201 | Jeffries, D. (2015) Product Chemistry of MGK Formula 3071. Project Number: GLP/2979. Unpublished study prepared by McLaughlin Gormley King Company. 7p. |
| 49705702 | Nie, C. (2016) Physical and Chemical Properties of INTEGO SUITE Cereals OF. Project Number: 201600015, VP/39141. Unpublished study prepared by Valent U.S.A. Corporation. 42p. |
| 49743901 | Thompson, D. (2015) Product Chemistry of MGK Formula 30642 Revision 1. Project Number: GLP/2987. Unpublished study prepared by McLaughlin Gormley King Company. 5p. |
| 49787901 | Jeffries, D. (2015) Product Chemistry of MGK Formula 3119. Project Number: GLP/3017. Unpublished study prepared by McLaughlin Gormley King Company. 11p. |
| 49788001 | Jeffries, D. (2016) Product Chemistry of MGK Formula 3104. Project Number: GLP/3021. Unpublished study prepared by McLaughlin Gormley King Company. 11p. |
| 50207203 | Nie, C. (2016) Physical and Chemical Properties of V-10395, V/16/4001. Project Number: 201600173, VP/40001. Unpublished study prepared by Valent Technical Center. 41p. |
| 50284901 | Thompson, D. (2016) Product Chemistry of MGK Formula 3128. Project Number: GLP/3077. Unpublished study prepared by McLaughlin Gormley King Company. 29p. |
| 50285001 | Thompson, D. (2016) Product Chemistry of MGK formula 3129. Project Number: GLP/3078. Unpublished study prepared by McLaughlin Gormley King Company. 37p. |
| 50604202 | Thompson, D. (2018) Product Chemistry of MGK Formula 3144. Project Number: GLP/3189. Unpublished study prepared by McLaughlin Gormley King Company. 33p. |
| 50712903 | Nie, C. (2020) Self-Certification of the Summary of Physical and Chemical Properties of V-10503 FS. Project Number: V/201523. Unpublished study prepared by Valent U.S.A., LLC. 7p. |
| 50713307 | Nie, C. (2020) Self-Certification of the Summary of Physical and Chemical Properties of V-10170-VC2100 Insecticide. Project Number: V/201885. Unpublished study prepared by Valent U.S.A., LLC. 7p. |
| 51095301 | Thompson, D. (2020) Product Chemistry of VBC Concentrate. Project Number: GLP/3403. Unpublished Study Prepared by McLaughlin Gormley King Company, D/B/A Mgk. 39p. |
| 51097801 | Thompson, D. (2020) Product Chemistry of MGK Formula 3113. Project Number: GLP/3401. Unpublished study prepared by McLaughlin Gormley King Company, D/B/A MGK. 65p. |
| 51134901 | Thompson, D. (2020) Product Chemistry of MGK Formula 3181. Project Number: GLP/3417. Unpublished Study Prepared by McLaughlin Gormley King Company, D/B/A MGK. 18p. |
| 51205301 | Thompson, D. (2020) Product Chemistry of Darlex Insecticide. Unpublished study prepared by McLaughlin Gormley King Company, D/B/A MGK. 39p. |
| 51243904 | Baptiste, C. (2018) Physical and Chemical Properties of One Batch of Clothianidin TC: Final Report. Project Number: R/B7164. Unpublished study prepared by Anadiag S.A. and Defitraces. 91p. |
| 51255101 | Thompson, D. (2020) Product Chemistry of MGK Formula 3096. Project Number: GLP/3402. Unpublished study prepared by McLaughlin Gormley King Company, D/B/A MGK. 37p. |
| 51300501 | Thompson, D. (2020) Product Chemistry of MGK Formula 31751. Project Number: GLP/3383. Unpublished Study Prepared by McLaughlin Gormley King Company. 41p. |
| 51300601 | Thompson, D. (2020) Product Chemistry of MGK Formula 31761. Project Number: GLP/3384. Unpublished Study Prepared by McLaughlin Gormley King Company. 20p. |
| 51428303 | Srinivas, S. (2021) Determination of Accelerated Storage Stability of Clothianidin 48% FS. Project Number: 20639. Unpublished Study Prepared by Palamur Biosciences Private Limited. 60p. |

**830.7050       UV/Visible absorption**

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| **MRID** | **Citation Reference** |
|  |  |
| 47662301 | Huchet, G. (2008) Product Chemistry of Bayer Advanced Flower, Rose and Shrub Care III. Project Number: BR/2654, M/307207/01/1, 08FD075. Unpublished study prepared by Bayer CropScience. 271 p. |
| 47783701 | Huchet, G. (2008) Product Chemistry of Insecticide TD Granule. Project Number: BR2632, FD05808, FD05908. Unpublished study prepared by Bayer CropScience. 246 p. |
| 49372006 | Charlton, R. (2014) INTEGO SUITE Neutral Seed Protectant: Physical and Chemical Properties Waiver Requests. Project Number: 201400133, VP/38876. Unpublished study prepared by Valent U.S.A. Corporation. 6p. |
| 49705702 | Nie, C. (2016) Physical and Chemical Properties of INTEGO SUITE Cereals OF. Project Number: 201600015, VP/39141. Unpublished study prepared by Valent U.S.A. Corporation. 42p. |
| 50207203 | Nie, C. (2016) Physical and Chemical Properties of V-10395, V/16/4001. Project Number: 201600173, VP/40001. Unpublished study prepared by Valent Technical Center. 41p. |
| 50712903 | Nie, C. (2020) Self-Certification of the Summary of Physical and Chemical Properties of V-10503 FS. Project Number: V/201523. Unpublished study prepared by Valent U.S.A., LLC. 7p. |
| 50713307 | Nie, C. (2020) Self-Certification of the Summary of Physical and Chemical Properties of V-10170-VC2100 Insecticide. Project Number: V/201885. Unpublished study prepared by Valent U.S.A., LLC. 7p. |
| 51243904 | Baptiste, C. (2018) Physical and Chemical Properties of One Batch of Clothianidin TC: Final Report. Project Number: R/B7164. Unpublished study prepared by Anadiag S.A. and Defitraces. 91p. |
| 51428304 | Hardie, R. (2021) Sharda Clothianidin 48% FS: Product Chemistry - Group B: Request for Waiver for Certain Physical / Chemical Properties Data. Unpublished Study Prepared by Sharda USA LLC. 5p. |

**830.7100       Viscosity**

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| **MRID** | **Citation Reference** |
|  |  |
| 46482301 | Frank, J. (2005) Product Chemistry of AE 1283742 03 SC47 A1. Project Number: BR/2372, 201180, ANR/00405. Unpublished study prepared by Bayer Corp. 166 p. |
| 46850601 | Bates, P. (2005) The Physical Characteristics of GUS 7074-02 Seed Treatment End-Use Product. Project Number: PC/04/006. Unpublished study prepared by Gustafson Seed Technology Center. 144 p. |
| 46853901 | Bates, P. (2005) The Physical Characteristics of GUS 7082-00 Seed Treatment End-Use Product. Project Number: PC/04/005. Unpublished study prepared by Gustafson Seed Technology Center. 109 p. |
| 47007801 | Folsom, B. (2006) Product Chemistry of Poncho Beta. Project Number: 02/00041, 14/1050/5281, BR2548. Unpublished study prepared by Bayer Corp. 281 p. |
| 47096002 | Brown, A. (2007) Physical Properties of ARY044415 SC: Final Report. Project Number: AR/0705. Unpublished study prepared by Arysta LifeScience North America Corporation. 13 p. |
| 47177402 | Ha, S. (2007) Physical and Chemical Properties of V-10170 2.13 SC. Project Number: V/31654A, 200700267. Unpublished study prepared by Valent U.S.A. Corporation. 64 p. |
| 47206501 | Mitchell, H. (2007) Product Chemistry of Insecticide TD Concentrate. Project Number: BR/2564, 201639, AM001704KF2. Unpublished study prepared by Bayer Corp. 408 p. |
| 47226102 | Ha, S. (2007) Physical and Chemical Properties of V-10170 5 FS. Project Number: V/31648A, 200700263, VA/030/02. Unpublished study prepared by Valent U.S.A. Corporation. 64 p. |
| 47437901 | Hines, D. (2008) The Physical Characterization of L1847 End-Use Product. Project Number: PC/08/003, ZZ1068, PC/08/003MV. Unpublished study prepared by Bayer Cropscience. 181 p. |
| 47483301 | Hines, D. (2008) The Physical Characterization of L1829 End-Use Product. Project Number: PC/08/008, PC/08/008MV, ZZ1070. Unpublished study prepared by Bayer Cropscience LP. 166 p. |
| 47662301 | Huchet, G. (2008) Product Chemistry of Bayer Advanced Flower, Rose and Shrub Care III. Project Number: BR/2654, M/307207/01/1, 08FD075. Unpublished study prepared by Bayer CropScience. 271 p. |
| 47783701 | Huchet, G. (2008) Product Chemistry of Insecticide TD Granule. Project Number: BR2632, FD05808, FD05908. Unpublished study prepared by Bayer CropScience. 246 p. |
| 47835907 | Hines, D. (2009) The Physical Characterization of L1902 End-Use Product. Project Number: M/354425/01/1, PC/09/002, M/354425/01/1/OCR. Unpublished study prepared by Bayer CropScience, LP. 198 p. |
| 48024201 | Hines, D. (2010) Product Chemistry of Penclotrime 310.68FS. Project Number: M/365173/01/1, BR/2686, M/365173/01/1/OCR. Unpublished study prepared by Bayer CropScience. 360 p. |
| 48024601 | Hines, D. (2010) Product Chemistry of Penclo 273.5FS. Project Number: M/365179/01/1, BR/2691, M/365179/01/1/OCR. Unpublished study prepared by Bayer CropScience. 349 p. |
| 48311203 | Friedlander, B. (2010) The Physical and Chemical Properties of Inovate Seed Protectant: Final Report Amendment - 02. Project Number: 201000294, GRL/12912. Unpublished study prepared by Chemtura Canada Co./Cie. 51 p. |
| 48505202 | Nie, C. (2011) Physical and Chemical Properties of V-10304 0.37 FS. Project Number: 201100150, VP/37858, VA/032/03. Unpublished study prepared by Valent U.S.A. Corporation. 42 p. 42 p. |
| 48531802 | Whittington, J. (2010) Physical and Chemical Properties of V-10262 2.38 FS. Project Number: 201000267, V/10/37763. Unpublished study prepared by Valent U.S.A. Corporation. 40 p. |
| 48596301 | Hines, D. (2011) The Physical Characterization of Poncho Votivo End-use Product. Project Number: M/413769/01/1 PC/11/003/OCR. Unpublished study prepared by Bayer CropScience. 288p. |
| 48677203 | Mattox, M. (2011) Physical and Chemical Properties of Bedbug Control Concentrate. Project Number: VBCL/11/68060/46 CLMEBU11CONC/PC. Unpublished study prepared by Valent BioSciences Corporation. 54p. |
| 48720704 | Dunn, N. (2013) The Physical and Chemical Characteristics of Inovate Pro (UBI 7004-00). Project Number: GRL/13227. Unpublished study prepared by Chemtura Canada Co./Cie. 42p. |
| 48875703 | Lawrence, Q. (2011) End-Use Product Chemistry for Clothianidin 75% MC: Final Report. Project Number: 310500/01/048/01. Unpublished study prepared by MRIGlobal. 13p. |
| 48877301 | Hines, D. (2012) The Physical Characterization of Poncho Votivo End-Use Product. Project Number: M/431700/01/1/OCR, PC/12/007. Unpublished study prepared by Bayer CropScience. 282p. |
| 48998603 | Weber, E. (2012) Physical and Chemical Properties of VBC3 Spray. Project Number: VBCL12/68060/61, CLMEBU12SPRAY/PC. Unpublished study prepared by Valent Biosciences Corp. 52p. |
| 49072102 | Baker, B. (2013) Product Chemistry of BES0600 Insecticide. Project Number: M/451100/02/1, MV071, MO4588. Unpublished study prepared by Bayer Corp. 311p. |
| 49372005 | Barker, C. (2014) The Physical and Chemical Characteristics of Intego Suite Seed Protectant (UBI 7009-00). Project Number: 201400102, GRL/13300, GRL/GM/1028. Unpublished study prepared by Chemtura Canada Co./Cie. 44p. |
| 49447702 | Nie, C. (2014) Physical and Chemical Properties of INTEGO SUITE Seed Protectant. Project Number: 201400212, VP/38893. Unpublished study prepared by Valent U.S.A. Corporation. 42p. |
| 49551602 | Jeffries, D. (2015) Product Chemistry of MGK Formula 30643. Project Number: GLP/2943. Unpublished study prepared by McLaughlin Gormley King Company. 16p. |
| 49641201 | Jeffries, D. (2015) Product Chemistry of MGK Formula 3071. Project Number: GLP/2979. Unpublished study prepared by McLaughlin Gormley King Company. 7p. |
| 49705702 | Nie, C. (2016) Physical and Chemical Properties of INTEGO SUITE Cereals OF. Project Number: 201600015, VP/39141. Unpublished study prepared by Valent U.S.A. Corporation. 42p. |
| 49743901 | Thompson, D. (2015) Product Chemistry of MGK Formula 30642 Revision 1. Project Number: GLP/2987. Unpublished study prepared by McLaughlin Gormley King Company. 5p. |
| 50207203 | Nie, C. (2016) Physical and Chemical Properties of V-10395, V/16/4001. Project Number: 201600173, VP/40001. Unpublished study prepared by Valent Technical Center. 41p. |
| 50604202 | Thompson, D. (2018) Product Chemistry of MGK Formula 3144. Project Number: GLP/3189. Unpublished study prepared by McLaughlin Gormley King Company. 33p. |
| 50712903 | Nie, C. (2020) Self-Certification of the Summary of Physical and Chemical Properties of V-10503 FS. Project Number: V/201523. Unpublished study prepared by Valent U.S.A., LLC. 7p. |
| 50713307 | Nie, C. (2020) Self-Certification of the Summary of Physical and Chemical Properties of V-10170-VC2100 Insecticide. Project Number: V/201885. Unpublished study prepared by Valent U.S.A., LLC. 7p. |
| 51095301 | Thompson, D. (2020) Product Chemistry of VBC Concentrate. Project Number: GLP/3403. Unpublished Study Prepared by McLaughlin Gormley King Company, D/B/A Mgk. 39p. |
| 51097801 | Thompson, D. (2020) Product Chemistry of MGK Formula 3113. Project Number: GLP/3401. Unpublished study prepared by McLaughlin Gormley King Company, D/B/A MGK. 65p. |
| 51134901 | Thompson, D. (2020) Product Chemistry of MGK Formula 3181. Project Number: GLP/3417. Unpublished Study Prepared by McLaughlin Gormley King Company, D/B/A MGK. 18p. |
| 51205301 | Thompson, D. (2020) Product Chemistry of Darlex Insecticide. Unpublished study prepared by McLaughlin Gormley King Company, D/B/A MGK. 39p. |
| 51243912 | Armstrong, A. (2020) Sharda Clothianidin Technical: Product Chemistry - Group B: Request for Waiver for Certain Physical / Chemical Properties Data. Unpublished study prepared by Sharda CropChem Limited. 4p. |
| 51255101 | Thompson, D. (2020) Product Chemistry of MGK Formula 3096. Project Number: GLP/3402. Unpublished study prepared by McLaughlin Gormley King Company, D/B/A MGK. 37p. |
| 51300501 | Thompson, D. (2020) Product Chemistry of MGK Formula 31751. Project Number: GLP/3383. Unpublished Study Prepared by McLaughlin Gormley King Company. 41p. |
| 51300601 | Thompson, D. (2020) Product Chemistry of MGK Formula 31761. Project Number: GLP/3384. Unpublished Study Prepared by McLaughlin Gormley King Company. 20p. |
| 51428303 | Srinivas, S. (2021) Determination of Accelerated Storage Stability of Clothianidin 48% FS. Project Number: 20639. Unpublished Study Prepared by Palamur Biosciences Private Limited. 60p. |

**830.7200       Melting point/melting range**

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| **MRID** | **Citation Reference** |
|  |  |
| 47662301 | Huchet, G. (2008) Product Chemistry of Bayer Advanced Flower, Rose and Shrub Care III. Project Number: BR/2654, M/307207/01/1, 08FD075. Unpublished study prepared by Bayer CropScience. 271 p. |
| 47783701 | Huchet, G. (2008) Product Chemistry of Insecticide TD Granule. Project Number: BR2632, FD05808, FD05908. Unpublished study prepared by Bayer CropScience. 246 p. |
| 49372006 | Charlton, R. (2014) INTEGO SUITE Neutral Seed Protectant: Physical and Chemical Properties Waiver Requests. Project Number: 201400133, VP/38876. Unpublished study prepared by Valent U.S.A. Corporation. 6p. |
| 49705702 | Nie, C. (2016) Physical and Chemical Properties of INTEGO SUITE Cereals OF. Project Number: 201600015, VP/39141. Unpublished study prepared by Valent U.S.A. Corporation. 42p. |
| 50207203 | Nie, C. (2016) Physical and Chemical Properties of V-10395, V/16/4001. Project Number: 201600173, VP/40001. Unpublished study prepared by Valent Technical Center. 41p. |
| 50712903 | Nie, C. (2020) Self-Certification of the Summary of Physical and Chemical Properties of V-10503 FS. Project Number: V/201523. Unpublished study prepared by Valent U.S.A., LLC. 7p. |
| 50713307 | Nie, C. (2020) Self-Certification of the Summary of Physical and Chemical Properties of V-10170-VC2100 Insecticide. Project Number: V/201885. Unpublished study prepared by Valent U.S.A., LLC. 7p. |
| 51428304 | Hardie, R. (2021) Sharda Clothianidin 48% FS: Product Chemistry - Group B: Request for Waiver for Certain Physical / Chemical Properties Data. Unpublished Study Prepared by Sharda USA LLC. 5p. |

**830.7220       Boiling point/boiling range**

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| **MRID** | **Citation Reference** |
|  |  |
| 47662301 | Huchet, G. (2008) Product Chemistry of Bayer Advanced Flower, Rose and Shrub Care III. Project Number: BR/2654, M/307207/01/1, 08FD075. Unpublished study prepared by Bayer CropScience. 271 p. |
| 47783701 | Huchet, G. (2008) Product Chemistry of Insecticide TD Granule. Project Number: BR2632, FD05808, FD05908. Unpublished study prepared by Bayer CropScience. 246 p. |
| 49372006 | Charlton, R. (2014) INTEGO SUITE Neutral Seed Protectant: Physical and Chemical Properties Waiver Requests. Project Number: 201400133, VP/38876. Unpublished study prepared by Valent U.S.A. Corporation. 6p. |
| 49705702 | Nie, C. (2016) Physical and Chemical Properties of INTEGO SUITE Cereals OF. Project Number: 201600015, VP/39141. Unpublished study prepared by Valent U.S.A. Corporation. 42p. |
| 50207203 | Nie, C. (2016) Physical and Chemical Properties of V-10395, V/16/4001. Project Number: 201600173, VP/40001. Unpublished study prepared by Valent Technical Center. 41p. |
| 50712903 | Nie, C. (2020) Self-Certification of the Summary of Physical and Chemical Properties of V-10503 FS. Project Number: V/201523. Unpublished study prepared by Valent U.S.A., LLC. 7p. |
| 50713307 | Nie, C. (2020) Self-Certification of the Summary of Physical and Chemical Properties of V-10170-VC2100 Insecticide. Project Number: V/201885. Unpublished study prepared by Valent U.S.A., LLC. 7p. |
| 51428304 | Hardie, R. (2021) Sharda Clothianidin 48% FS: Product Chemistry - Group B: Request for Waiver for Certain Physical / Chemical Properties Data. Unpublished Study Prepared by Sharda USA LLC. 5p. |

**830.7300       Density/relative density**

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| **MRID** | **Citation Reference** |
|  |  |
| 46088501 | Cornes, S.; Mollica, J. (2003) U.S. EPA Product Properties Test Guidelines Group A and B of TM-44403 16 WSG. Project Number: TMN/0247, TMN/0248, 1444. Unpublished study prepared by Pyxant Labs Inc. and Arvesta Corporation. 53 p. |
| 46088502 | Cornes, S.; Mollica, J. (2003) U.S. EPA Product Properties Test Guidelines - Group A and B of TM-44402 0.5 G. Project Number: TMN/0247, TMN/0248, 1444. Unpublished study prepared by Pyxant Labs Inc. and Aventis Corporation. 63 p. |
| 46482301 | Frank, J. (2005) Product Chemistry of AE 1283742 03 SC47 A1. Project Number: BR/2372, 201180, ANR/00405. Unpublished study prepared by Bayer Corp. 166 p. |
| 46850601 | Bates, P. (2005) The Physical Characteristics of GUS 7074-02 Seed Treatment End-Use Product. Project Number: PC/04/006. Unpublished study prepared by Gustafson Seed Technology Center. 144 p. |
| 46853901 | Bates, P. (2005) The Physical Characteristics of GUS 7082-00 Seed Treatment End-Use Product. Project Number: PC/04/005. Unpublished study prepared by Gustafson Seed Technology Center. 109 p. |
| 46859701 | Schick, M. (2006) Physical Properties of TM-44410 Formulation (Arena 0.25 G). Project Number: 1494W, 1494W/1. Unpublished study prepared by PTRL West, Inc. 16 p. |
| 46940001 | Halarnkar, P. (2006) Product Properties Test Guidelines - Group A and B of TM-44410 0.25 G. Project Number: TMN/0251, 1494W, 1494W/1. Unpublished study prepared by Arysta LifeScience North America Corporation and PTRL West, Inc. 63 p. |
| 47007801 | Folsom, B. (2006) Product Chemistry of Poncho Beta. Project Number: 02/00041, 14/1050/5281, BR2548. Unpublished study prepared by Bayer Corp. 281 p. |
| 47096001 | Bujor, D. (2007) Group A and B of ARY044415 SC: ALOFT GC SC: ALOFT LC SC: Group A - Product Identity, Composition and Analysis: Group B - Physical/Chemical Properties. Project Number: AR/0705, AR/0706, AR44415/2007. Unpublished study prepared by Arysta LifeScience North America Corporation. 88 p. |
| 47096002 | Brown, A. (2007) Physical Properties of ARY044415 SC: Final Report. Project Number: AR/0705. Unpublished study prepared by Arysta LifeScience North America Corporation. 13 p. |
| 47096003 | Bujor, D. (2007) Group A and B of ARY044416 G: ALOFT GC G: ALOFT LC G: Group A - Product Identity, Composition and Analysis: Group B - Physical/Chemical Properties. Project Number: AR/0703, AR/0704, AR44416/2007. Unpublished study prepared by Arysta LifeScience North America Corporation. 54 p. |
| 47096004 | Brown, A. (2007) Physical Properties of ARY044416 G: Final Report. Project Number: AR/0703. Unpublished study prepared by Arysta LifeScience North America Corporation. 12 p. |
| 47177402 | Ha, S. (2007) Physical and Chemical Properties of V-10170 2.13 SC. Project Number: V/31654A, 200700267. Unpublished study prepared by Valent U.S.A. Corporation. 64 p. |
| 47206501 | Mitchell, H. (2007) Product Chemistry of Insecticide TD Concentrate. Project Number: BR/2564, 201639, AM001704KF2. Unpublished study prepared by Bayer Corp. 408 p. |
| 47226102 | Ha, S. (2007) Physical and Chemical Properties of V-10170 5 FS. Project Number: V/31648A, 200700263, VA/030/02. Unpublished study prepared by Valent U.S.A. Corporation. 64 p. |
| 47437901 | Hines, D. (2008) The Physical Characterization of L1847 End-Use Product. Project Number: PC/08/003, ZZ1068, PC/08/003MV. Unpublished study prepared by Bayer Cropscience. 181 p. |
| 47483001 | Hines, D. (2008) Product Chemistry of Sepresto 75WS. Project Number: M/304667/01/1, BR/2645. Unpublished study prepared by Bayer CropScience. 126 p. |
| 47483301 | Hines, D. (2008) The Physical Characterization of L1829 End-Use Product. Project Number: PC/08/008, PC/08/008MV, ZZ1070. Unpublished study prepared by Bayer Cropscience LP. 166 p. |
| 47662001 | Huchet, G. (2008) Product Chemistry of Bayer Advanced Flower, Rose & Shrub Care II. Project Number: M/306688/01/1, BR2650. Unpublished study prepared by Bayer CropScience. 324 p. |
| 47662301 | Huchet, G. (2008) Product Chemistry of Bayer Advanced Flower, Rose and Shrub Care III. Project Number: BR/2654, M/307207/01/1, 08FD075. Unpublished study prepared by Bayer CropScience. 271 p. |
| 47783701 | Huchet, G. (2008) Product Chemistry of Insecticide TD Granule. Project Number: BR2632, FD05808, FD05908. Unpublished study prepared by Bayer CropScience. 246 p. |
| 47835907 | Hines, D. (2009) The Physical Characterization of L1902 End-Use Product. Project Number: M/354425/01/1, PC/09/002, M/354425/01/1/OCR. Unpublished study prepared by Bayer CropScience, LP. 198 p. |
| 48024201 | Hines, D. (2010) Product Chemistry of Penclotrime 310.68FS. Project Number: M/365173/01/1, BR/2686, M/365173/01/1/OCR. Unpublished study prepared by Bayer CropScience. 360 p. |
| 48024601 | Hines, D. (2010) Product Chemistry of Penclo 273.5FS. Project Number: M/365179/01/1, BR/2691, M/365179/01/1/OCR. Unpublished study prepared by Bayer CropScience. 349 p. |
| 48311203 | Friedlander, B. (2010) The Physical and Chemical Properties of Inovate Seed Protectant: Final Report Amendment - 02. Project Number: 201000294, GRL/12912. Unpublished study prepared by Chemtura Canada Co./Cie. 51 p. |
| 48505202 | Nie, C. (2011) Physical and Chemical Properties of V-10304 0.37 FS. Project Number: 201100150, VP/37858, VA/032/03. Unpublished study prepared by Valent U.S.A. Corporation. 42 p. 42 p. |
| 48531802 | Whittington, J. (2010) Physical and Chemical Properties of V-10262 2.38 FS. Project Number: 201000267, V/10/37763. Unpublished study prepared by Valent U.S.A. Corporation. 40 p. |
| 48596301 | Hines, D. (2011) The Physical Characterization of Poncho Votivo End-use Product. Project Number: M/413769/01/1 PC/11/003/OCR. Unpublished study prepared by Bayer CropScience. 288p. |
| 48677203 | Mattox, M. (2011) Physical and Chemical Properties of Bedbug Control Concentrate. Project Number: VBCL/11/68060/46 CLMEBU11CONC/PC. Unpublished study prepared by Valent BioSciences Corporation. 54p. |
| 48720704 | Dunn, N. (2013) The Physical and Chemical Characteristics of Inovate Pro (UBI 7004-00). Project Number: GRL/13227. Unpublished study prepared by Chemtura Canada Co./Cie. 42p. |
| 48875703 | Lawrence, Q. (2011) End-Use Product Chemistry for Clothianidin 75% MC: Final Report. Project Number: 310500/01/048/01. Unpublished study prepared by MRIGlobal. 13p. |
| 48877301 | Hines, D. (2012) The Physical Characterization of Poncho Votivo End-Use Product. Project Number: M/431700/01/1/OCR, PC/12/007. Unpublished study prepared by Bayer CropScience. 282p. |
| 48998603 | Weber, E. (2012) Physical and Chemical Properties of VBC3 Spray. Project Number: VBCL12/68060/61, CLMEBU12SPRAY/PC. Unpublished study prepared by Valent Biosciences Corp. 52p. |
| 49072102 | Baker, B. (2013) Product Chemistry of BES0600 Insecticide. Project Number: M/451100/02/1, MV071, MO4588. Unpublished study prepared by Bayer Corp. 311p. |
| 49372005 | Barker, C. (2014) The Physical and Chemical Characteristics of Intego Suite Seed Protectant (UBI 7009-00). Project Number: 201400102, GRL/13300, GRL/GM/1028. Unpublished study prepared by Chemtura Canada Co./Cie. 44p. |
| 49447702 | Nie, C. (2014) Physical and Chemical Properties of INTEGO SUITE Seed Protectant. Project Number: 201400212, VP/38893. Unpublished study prepared by Valent U.S.A. Corporation. 42p. |
| 49551602 | Jeffries, D. (2015) Product Chemistry of MGK Formula 30643. Project Number: GLP/2943. Unpublished study prepared by McLaughlin Gormley King Company. 16p. |
| 49561602 | Jeffries, D. (2015) Product Chemistry and Characterization of MGK Formula 3113. Project Number: GLP/2593. Unpublished study prepared by McLaughlin Gormley King Company. 16p. |
| 49641201 | Jeffries, D. (2015) Product Chemistry of MGK Formula 3071. Project Number: GLP/2979. Unpublished study prepared by McLaughlin Gormley King Company. 7p. |
| 49705702 | Nie, C. (2016) Physical and Chemical Properties of INTEGO SUITE Cereals OF. Project Number: 201600015, VP/39141. Unpublished study prepared by Valent U.S.A. Corporation. 42p. |
| 49743901 | Thompson, D. (2015) Product Chemistry of MGK Formula 30642 Revision 1. Project Number: GLP/2987. Unpublished study prepared by McLaughlin Gormley King Company. 5p. |
| 49787901 | Jeffries, D. (2015) Product Chemistry of MGK Formula 3119. Project Number: GLP/3017. Unpublished study prepared by McLaughlin Gormley King Company. 11p. |
| 49788001 | Jeffries, D. (2016) Product Chemistry of MGK Formula 3104. Project Number: GLP/3021. Unpublished study prepared by McLaughlin Gormley King Company. 11p. |
| 50207203 | Nie, C. (2016) Physical and Chemical Properties of V-10395, V/16/4001. Project Number: 201600173, VP/40001. Unpublished study prepared by Valent Technical Center. 41p. |
| 50284901 | Thompson, D. (2016) Product Chemistry of MGK Formula 3128. Project Number: GLP/3077. Unpublished study prepared by McLaughlin Gormley King Company. 29p. |
| 50285001 | Thompson, D. (2016) Product Chemistry of MGK formula 3129. Project Number: GLP/3078. Unpublished study prepared by McLaughlin Gormley King Company. 37p. |
| 50604202 | Thompson, D. (2018) Product Chemistry of MGK Formula 3144. Project Number: GLP/3189. Unpublished study prepared by McLaughlin Gormley King Company. 33p. |
| 50712903 | Nie, C. (2020) Self-Certification of the Summary of Physical and Chemical Properties of V-10503 FS. Project Number: V/201523. Unpublished study prepared by Valent U.S.A., LLC. 7p. |
| 50713307 | Nie, C. (2020) Self-Certification of the Summary of Physical and Chemical Properties of V-10170-VC2100 Insecticide. Project Number: V/201885. Unpublished study prepared by Valent U.S.A., LLC. 7p. |
| 51095301 | Thompson, D. (2020) Product Chemistry of VBC Concentrate. Project Number: GLP/3403. Unpublished Study Prepared by McLaughlin Gormley King Company, D/B/A Mgk. 39p. |
| 51097801 | Thompson, D. (2020) Product Chemistry of MGK Formula 3113. Project Number: GLP/3401. Unpublished study prepared by McLaughlin Gormley King Company, D/B/A MGK. 65p. |
| 51134901 | Thompson, D. (2020) Product Chemistry of MGK Formula 3181. Project Number: GLP/3417. Unpublished Study Prepared by McLaughlin Gormley King Company, D/B/A MGK. 18p. |
| 51205301 | Thompson, D. (2020) Product Chemistry of Darlex Insecticide. Unpublished study prepared by McLaughlin Gormley King Company, D/B/A MGK. 39p. |
| 51243904 | Baptiste, C. (2018) Physical and Chemical Properties of One Batch of Clothianidin TC: Final Report. Project Number: R/B7164. Unpublished study prepared by Anadiag S.A. and Defitraces. 91p. |
| 51255101 | Thompson, D. (2020) Product Chemistry of MGK Formula 3096. Project Number: GLP/3402. Unpublished study prepared by McLaughlin Gormley King Company, D/B/A MGK. 37p. |
| 51300501 | Thompson, D. (2020) Product Chemistry of MGK Formula 31751. Project Number: GLP/3383. Unpublished Study Prepared by McLaughlin Gormley King Company. 41p. |
| 51300601 | Thompson, D. (2020) Product Chemistry of MGK Formula 31761. Project Number: GLP/3384. Unpublished Study Prepared by McLaughlin Gormley King Company. 20p. |
| 51428303 | Srinivas, S. (2021) Determination of Accelerated Storage Stability of Clothianidin 48% FS. Project Number: 20639. Unpublished Study Prepared by Palamur Biosciences Private Limited. 60p. |

**830.7370       Dissociation constants in water**

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| **MRID** | **Citation Reference** |
|  |  |
| 47662301 | Huchet, G. (2008) Product Chemistry of Bayer Advanced Flower, Rose and Shrub Care III. Project Number: BR/2654, M/307207/01/1, 08FD075. Unpublished study prepared by Bayer CropScience. 271 p. |
| 47783701 | Huchet, G. (2008) Product Chemistry of Insecticide TD Granule. Project Number: BR2632, FD05808, FD05908. Unpublished study prepared by Bayer CropScience. 246 p. |
| 49372006 | Charlton, R. (2014) INTEGO SUITE Neutral Seed Protectant: Physical and Chemical Properties Waiver Requests. Project Number: 201400133, VP/38876. Unpublished study prepared by Valent U.S.A. Corporation. 6p. |
| 49705702 | Nie, C. (2016) Physical and Chemical Properties of INTEGO SUITE Cereals OF. Project Number: 201600015, VP/39141. Unpublished study prepared by Valent U.S.A. Corporation. 42p. |
| 50207203 | Nie, C. (2016) Physical and Chemical Properties of V-10395, V/16/4001. Project Number: 201600173, VP/40001. Unpublished study prepared by Valent Technical Center. 41p. |
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| 51243904 | Baptiste, C. (2018) Physical and Chemical Properties of One Batch of Clothianidin TC: Final Report. Project Number: R/B7164. Unpublished study prepared by Anadiag S.A. and Defitraces. 91p. |
| 51428304 | Hardie, R. (2021) Sharda Clothianidin 48% FS: Product Chemistry - Group B: Request for Waiver for Certain Physical / Chemical Properties Data. Unpublished Study Prepared by Sharda USA LLC. 5p. |

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

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| **MRID** | **Citation Reference** |
|  |  |
| 49372006 | Charlton, R. (2014) INTEGO SUITE Neutral Seed Protectant: Physical and Chemical Properties Waiver Requests. Project Number: 201400133, VP/38876. Unpublished study prepared by Valent U.S.A. Corporation. 6p. |
| 49705702 | Nie, C. (2016) Physical and Chemical Properties of INTEGO SUITE Cereals OF. Project Number: 201600015, VP/39141. Unpublished study prepared by Valent U.S.A. Corporation. 42p. |
| 50207203 | Nie, C. (2016) Physical and Chemical Properties of V-10395, V/16/4001. Project Number: 201600173, VP/40001. Unpublished study prepared by Valent Technical Center. 41p. |
| 50712903 | Nie, C. (2020) Self-Certification of the Summary of Physical and Chemical Properties of V-10503 FS. Project Number: V/201523. Unpublished study prepared by Valent U.S.A., LLC. 7p. |
| 50713307 | Nie, C. (2020) Self-Certification of the Summary of Physical and Chemical Properties of V-10170-VC2100 Insecticide. Project Number: V/201885. Unpublished study prepared by Valent U.S.A., LLC. 7p. |
| 51243912 | Armstrong, A. (2020) Sharda Clothianidin Technical: Product Chemistry - Group B: Request for Waiver for Certain Physical / Chemical Properties Data. Unpublished study prepared by Sharda CropChem Limited. 4p. |
| 51428304 | Hardie, R. (2021) Sharda Clothianidin 48% FS: Product Chemistry - Group B: Request for Waiver for Certain Physical / Chemical Properties Data. Unpublished Study Prepared by Sharda USA LLC. 5p. |

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

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| **MRID** | **Citation Reference** |
|  |  |
| 47662301 | Huchet, G. (2008) Product Chemistry of Bayer Advanced Flower, Rose and Shrub Care III. Project Number: BR/2654, M/307207/01/1, 08FD075. Unpublished study prepared by Bayer CropScience. 271 p. |
| 47783701 | Huchet, G. (2008) Product Chemistry of Insecticide TD Granule. Project Number: BR2632, FD05808, FD05908. Unpublished study prepared by Bayer CropScience. 246 p. |
| 49372006 | Charlton, R. (2014) INTEGO SUITE Neutral Seed Protectant: Physical and Chemical Properties Waiver Requests. Project Number: 201400133, VP/38876. Unpublished study prepared by Valent U.S.A. Corporation. 6p. |
| 49705702 | Nie, C. (2016) Physical and Chemical Properties of INTEGO SUITE Cereals OF. Project Number: 201600015, VP/39141. Unpublished study prepared by Valent U.S.A. Corporation. 42p. |
| 50207203 | Nie, C. (2016) Physical and Chemical Properties of V-10395, V/16/4001. Project Number: 201600173, VP/40001. Unpublished study prepared by Valent Technical Center. 41p. |
| 50712903 | Nie, C. (2020) Self-Certification of the Summary of Physical and Chemical Properties of V-10503 FS. Project Number: V/201523. Unpublished study prepared by Valent U.S.A., LLC. 7p. |
| 50713307 | Nie, C. (2020) Self-Certification of the Summary of Physical and Chemical Properties of V-10170-VC2100 Insecticide. Project Number: V/201885. Unpublished study prepared by Valent U.S.A., LLC. 7p. |
| 51243905 | Baptiste, C. (2018) Physical and Chemical Properties of One Batch of TC: Final Report. Project Number: R/B7163. Unpublished study prepared by Anadiag S.A. and Defitraces. 107p. |
| 51428304 | Hardie, R. (2021) Sharda Clothianidin 48% FS: Product Chemistry - Group B: Request for Waiver for Certain Physical / Chemical Properties Data. Unpublished Study Prepared by Sharda USA LLC. 5p. |

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

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| **MRID** | **Citation Reference** |
|  |  |
| 47662301 | Huchet, G. (2008) Product Chemistry of Bayer Advanced Flower, Rose and Shrub Care III. Project Number: BR/2654, M/307207/01/1, 08FD075. Unpublished study prepared by Bayer CropScience. 271 p. |
| 47783701 | Huchet, G. (2008) Product Chemistry of Insecticide TD Granule. Project Number: BR2632, FD05808, FD05908. Unpublished study prepared by Bayer CropScience. 246 p. |
| 49372006 | Charlton, R. (2014) INTEGO SUITE Neutral Seed Protectant: Physical and Chemical Properties Waiver Requests. Project Number: 201400133, VP/38876. Unpublished study prepared by Valent U.S.A. Corporation. 6p. |
| 49705702 | Nie, C. (2016) Physical and Chemical Properties of INTEGO SUITE Cereals OF. Project Number: 201600015, VP/39141. Unpublished study prepared by Valent U.S.A. Corporation. 42p. |
| 50207203 | Nie, C. (2016) Physical and Chemical Properties of V-10395, V/16/4001. Project Number: 201600173, VP/40001. Unpublished study prepared by Valent Technical Center. 41p. |
| 50712903 | Nie, C. (2020) Self-Certification of the Summary of Physical and Chemical Properties of V-10503 FS. Project Number: V/201523. Unpublished study prepared by Valent U.S.A., LLC. 7p. |
| 50713307 | Nie, C. (2020) Self-Certification of the Summary of Physical and Chemical Properties of V-10170-VC2100 Insecticide. Project Number: V/201885. Unpublished study prepared by Valent U.S.A., LLC. 7p. |
| 51428304 | Hardie, R. (2021) Sharda Clothianidin 48% FS: Product Chemistry - Group B: Request for Waiver for Certain Physical / Chemical Properties Data. Unpublished Study Prepared by Sharda USA LLC. 5p. |

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

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| **MRID** | **Citation Reference** |
|  |  |
| 47662301 | Huchet, G. (2008) Product Chemistry of Bayer Advanced Flower, Rose and Shrub Care III. Project Number: BR/2654, M/307207/01/1, 08FD075. Unpublished study prepared by Bayer CropScience. 271 p. |
| 47783701 | Huchet, G. (2008) Product Chemistry of Insecticide TD Granule. Project Number: BR2632, FD05808, FD05908. Unpublished study prepared by Bayer CropScience. 246 p. |
| 49372006 | Charlton, R. (2014) INTEGO SUITE Neutral Seed Protectant: Physical and Chemical Properties Waiver Requests. Project Number: 201400133, VP/38876. Unpublished study prepared by Valent U.S.A. Corporation. 6p. |
| 49705702 | Nie, C. (2016) Physical and Chemical Properties of INTEGO SUITE Cereals OF. Project Number: 201600015, VP/39141. Unpublished study prepared by Valent U.S.A. Corporation. 42p. |
| 50207203 | Nie, C. (2016) Physical and Chemical Properties of V-10395, V/16/4001. Project Number: 201600173, VP/40001. Unpublished study prepared by Valent Technical Center. 41p. |
| 50712903 | Nie, C. (2020) Self-Certification of the Summary of Physical and Chemical Properties of V-10503 FS. Project Number: V/201523. Unpublished study prepared by Valent U.S.A., LLC. 7p. |
| 50713307 | Nie, C. (2020) Self-Certification of the Summary of Physical and Chemical Properties of V-10170-VC2100 Insecticide. Project Number: V/201885. Unpublished study prepared by Valent U.S.A., LLC. 7p. |
| 51428304 | Hardie, R. (2021) Sharda Clothianidin 48% FS: Product Chemistry - Group B: Request for Waiver for Certain Physical / Chemical Properties Data. Unpublished Study Prepared by Sharda USA LLC. 5p. |

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

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| **MRID** | **Citation Reference** |
|  |  |
| 47662301 | Huchet, G. (2008) Product Chemistry of Bayer Advanced Flower, Rose and Shrub Care III. Project Number: BR/2654, M/307207/01/1, 08FD075. Unpublished study prepared by Bayer CropScience. 271 p. |
| 47783701 | Huchet, G. (2008) Product Chemistry of Insecticide TD Granule. Project Number: BR2632, FD05808, FD05908. Unpublished study prepared by Bayer CropScience. 246 p. |
| 49372006 | Charlton, R. (2014) INTEGO SUITE Neutral Seed Protectant: Physical and Chemical Properties Waiver Requests. Project Number: 201400133, VP/38876. Unpublished study prepared by Valent U.S.A. Corporation. 6p. |
| 49705702 | Nie, C. (2016) Physical and Chemical Properties of INTEGO SUITE Cereals OF. Project Number: 201600015, VP/39141. Unpublished study prepared by Valent U.S.A. Corporation. 42p. |
| 50207203 | Nie, C. (2016) Physical and Chemical Properties of V-10395, V/16/4001. Project Number: 201600173, VP/40001. Unpublished study prepared by Valent Technical Center. 41p. |
| 50712903 | Nie, C. (2020) Self-Certification of the Summary of Physical and Chemical Properties of V-10503 FS. Project Number: V/201523. Unpublished study prepared by Valent U.S.A., LLC. 7p. |
| 50713307 | Nie, C. (2020) Self-Certification of the Summary of Physical and Chemical Properties of V-10170-VC2100 Insecticide. Project Number: V/201885. Unpublished study prepared by Valent U.S.A., LLC. 7p. |
| 51243905 | Baptiste, C. (2018) Physical and Chemical Properties of One Batch of TC: Final Report. Project Number: R/B7163. Unpublished study prepared by Anadiag S.A. and Defitraces. 107p. |
| 51428304 | Hardie, R. (2021) Sharda Clothianidin 48% FS: Product Chemistry - Group B: Request for Waiver for Certain Physical / Chemical Properties Data. Unpublished Study Prepared by Sharda USA LLC. 5p. |

**830.7860       Water solubility, generator column method**

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| **MRID** | **Citation Reference** |
|  |  |
| 47662301 | Huchet, G. (2008) Product Chemistry of Bayer Advanced Flower, Rose and Shrub Care III. Project Number: BR/2654, M/307207/01/1, 08FD075. Unpublished study prepared by Bayer CropScience. 271 p. |
| 47783701 | Huchet, G. (2008) Product Chemistry of Insecticide TD Granule. Project Number: BR2632, FD05808, FD05908. Unpublished study prepared by Bayer CropScience. 246 p. |
| 49372006 | Charlton, R. (2014) INTEGO SUITE Neutral Seed Protectant: Physical and Chemical Properties Waiver Requests. Project Number: 201400133, VP/38876. Unpublished study prepared by Valent U.S.A. Corporation. 6p. |
| 49705702 | Nie, C. (2016) Physical and Chemical Properties of INTEGO SUITE Cereals OF. Project Number: 201600015, VP/39141. Unpublished study prepared by Valent U.S.A. Corporation. 42p. |
| 50207203 | Nie, C. (2016) Physical and Chemical Properties of V-10395, V/16/4001. Project Number: 201600173, VP/40001. Unpublished study prepared by Valent Technical Center. 41p. |
| 50712903 | Nie, C. (2020) Self-Certification of the Summary of Physical and Chemical Properties of V-10503 FS. Project Number: V/201523. Unpublished study prepared by Valent U.S.A., LLC. 7p. |
| 50713307 | Nie, C. (2020) Self-Certification of the Summary of Physical and Chemical Properties of V-10170-VC2100 Insecticide. Project Number: V/201885. Unpublished study prepared by Valent U.S.A., LLC. 7p. |
| 51428304 | Hardie, R. (2021) Sharda Clothianidin 48% FS: Product Chemistry - Group B: Request for Waiver for Certain Physical / Chemical Properties Data. Unpublished Study Prepared by Sharda USA LLC. 5p. |

**830.7950       Vapor pressure**

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| **MRID** | **Citation Reference** |
|  |  |
| 47662301 | Huchet, G. (2008) Product Chemistry of Bayer Advanced Flower, Rose and Shrub Care III. Project Number: BR/2654, M/307207/01/1, 08FD075. Unpublished study prepared by Bayer CropScience. 271 p. |
| 47783701 | Huchet, G. (2008) Product Chemistry of Insecticide TD Granule. Project Number: BR2632, FD05808, FD05908. Unpublished study prepared by Bayer CropScience. 246 p. |
| 49372006 | Charlton, R. (2014) INTEGO SUITE Neutral Seed Protectant: Physical and Chemical Properties Waiver Requests. Project Number: 201400133, VP/38876. Unpublished study prepared by Valent U.S.A. Corporation. 6p. |
| 49705702 | Nie, C. (2016) Physical and Chemical Properties of INTEGO SUITE Cereals OF. Project Number: 201600015, VP/39141. Unpublished study prepared by Valent U.S.A. Corporation. 42p. |
| 50207203 | Nie, C. (2016) Physical and Chemical Properties of V-10395, V/16/4001. Project Number: 201600173, VP/40001. Unpublished study prepared by Valent Technical Center. 41p. |
| 50712903 | Nie, C. (2020) Self-Certification of the Summary of Physical and Chemical Properties of V-10503 FS. Project Number: V/201523. Unpublished study prepared by Valent U.S.A., LLC. 7p. |
| 50713307 | Nie, C. (2020) Self-Certification of the Summary of Physical and Chemical Properties of V-10170-VC2100 Insecticide. Project Number: V/201885. Unpublished study prepared by Valent U.S.A., LLC. 7p. |
| 51243905 | Baptiste, C. (2018) Physical and Chemical Properties of One Batch of TC: Final Report. Project Number: R/B7163. Unpublished study prepared by Anadiag S.A. and Defitraces. 107p. |
| 51428304 | Hardie, R. (2021) Sharda Clothianidin 48% FS: Product Chemistry - Group B: Request for Waiver for Certain Physical / Chemical Properties Data. Unpublished Study Prepared by Sharda USA LLC. 5p. |

**835.1230       Sediment and soil absorption/desorption for parent and degradates**

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| **MRID** | **Citation Reference** |
|  |  |
| 48486901 | Stupp, H. (2011) [Guanidine-(Carbon 14)] Clothianidin: Time Dependent Sorption from Four European Field Dissipation Soils. Project Number: M/405885/01/1, MEF/10/563, M/131/1911/7. Unpublished study prepared by Bayer CropScience. 133 p. |

**835.1240       Soil column leaching**

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| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 47483002 | Arthur, E.; Shepherd, J.; Dominic, A. (2008) [Thiazolyl-2-(Carbon 14)]-Clothianidin: Seed Leaching Study. Project Number: M/270224/02/1, METIX050/1. Unpublished study prepared by Bayer CropScience. 88 p. |

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

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| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 47483003 | Dominic, A.; Arthur, E. (2006) Clothianidin: Long-term Hydrolytic Degradation. Project Number: M/267329/02/1, METIX051/1. Unpublished study prepared by Bayer CropScience. 73 p. |

**835.6200       Aquatic field dissipation**

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| **MRID** | **Citation Reference** |
|  |  |
| 48364803 | Greenland, R. (2011) Clothianidin: Aquatic Field Dissipation. Project Number: SARS/08/92, 201000019A. Unpublished study prepared by Stewart Agricultural Research Services, Inc. 686 p. |
| 48364804 | Greenland, R. (2010) Clothianidin: Aquatic Field Dissipation. Project Number: SARS/09/93, 201000281. Unpublished study prepared by Stewart Agricultural Research Services, Inc. 553 p. |

**835.7100       Ground water monitoring**

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| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 49627501 | Hassinger, C.; Newcombe, A. (2015) Clothianidin: A Small-Scale Prospective Groundwater Monitoring Study following Application of ARENA 50 WDG to Turf in an Eco-Region Common to the United States and Canada: (1st Interim Report - Characterization and Instrumentation Report). Project Number: AUS/0020, VP/38915, 201500316. Unpublished study prepared by Arcadis U.S., Inc. and Agvise Laboratories, Inc. 107p. |
| 49627502 | Newcombe, A.; Hassinger, C. (2015) Clothianidin: A Small-Scale Prospective Groundwater Monitoring Study following Application of ARENA 50 WDG to Turf in an Eco-Region Common to the United States and Canada: (2nd Interim Report - First Quarterly Report). Project Number: AUS/0020, VP/38915, 201500321. Unpublished study prepared by Arcadis U.S., Inc. and Agvise Laboratories, Inc. 87p. |
| 49627503 | Porter, T.; Moore, D. (2014) A Small-Scale Prospective Groundwater Monitoring Study for Clothianidin (ARENA 50 WDG) Located in an Eco-Region Common to the United States and Canada: Site Identification and Interim Characterization Phase. Project Number: AUS/2013/02, 201500317. Unpublished study prepared by Arcadis U.S., Inc. and Agvise Laboratories, Inc. 50p. |
| 49675001 | Hassinger, C.; Newcombe, A. (2015) Clothianidin: A Small-Scale Prospective Groundwater Monitoring Study Following Application of ARENA(R) 50 WDG to Turf in an Eco-Region Common to the United States and Canada (3rd Interim Report - 2nd Quarterly Report). Project Number: AUS/0020, AUS/2013/02, VP/38915. Unpublished study prepared by Arcadis U.S., Inc. and Agvise Laboratories, Inc. 99p. |
| 49733301 | Hassinge, C.; Newcombe, A. (2015) Clothianidin: A Small-Scale Prospective Groundwater Monitoring Study following Application of ARENA 50 WDG to Turf in an Eco-Region Common to the United States and Canada (4th Interim Report - 3rd Quarterly Report). Project Number: AUS/0020, VP/38915. Unpublished study prepared by Arcadis U.S., Inc. and Agvise Laboratories, Inc. 112p. |
| 49803201 | Hassinger, C.; Newcombe, A. (2015) Clothianidin: A Small-Scale Prospective Groundwater Monitoring Study Following Application of ARENA 50 WDG to Turf in an Eco-Region Common to the United States and Canada (5th Interim Report- 4th Quarterly Report). Project Number: VP/38915. Unpublished study prepared by Arcadis U.S., Inc., Valent U.S.A. Corporation and Agvise Laboratories, Inc. 122p. |
| 49846801 | Hassinger, C.; Newcombe, A. (2016) Clothianidin: A Small-Scale Prospective Groundwater Monitoring Study following Application of ARENA 50 WDG to Turf in an Eco-Region Common to the United States and Canada (6th Interim Report - 5th Quarterly Report). Project Number: VP/38915/Q5, 201600029. Unpublished study prepared by Valent USA Corporation, Arcadis U.S., Inc. and Agvise Laboratories, Inc. 137p. |
| 49896801 | Newcombe, A.; Hassinger, C. (2017) Clothianidin: A Small-Scale Prospective Groundwater Monitoring Study Following Application of ARENA 50 WDG to Turf in an Eco-Region Common to the United States and Canada Termination of Sampling Request. Project Number: 201700004, AUS/0020. Unpublished study prepared by Arcadis U.S., Inc. 280p. |
| 49944801 | Hassinger, C.; Newcombe, A. (2016) Clothianidin: A Small-Scale Prospective Groundwater Monitoring Study Following Application of ARENA 50 WDG to Turf in an Eco-Region Common to the United States and Canada (8th Interim Report - 7th Quarterly Report). Project Number: AUS/0020/VP/38915, AUS/2013/02, VP/38915. Unpublished study prepared by Arcadis U.S., Inc. 160p. |
| 50478401 | Struewing, K.; Newcombe, A. (2017) Clothianidin: A Small-Scale Prospective Groundwater Monitoring Study following Application of ARENA(R) 50 WDG to Turf in an Eco-Region Common to the United States and Canada Sampling Termination Report (II). Project Number: VP/38915. Unpublished study prepared by Valent U.S.A. LLC. 247p. |
| 50571701 | Brutscher, K.; Struewing, K.; Newcombe, A. (2018) Clothianidin: A Small-Scale Prospective Groundwater Monitoring Study following Application of ARENA 50 WDG to Turf in an Eco-Region Common to the United States and Canada. Project Number: VP/38915. Unpublished study prepared by Arcadis. 1167p. |

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

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| **MRID** | **Citation Reference** |
|  |  |
| 49073613 | Schoning, R. (2005) Determination of the Residues of TI 435 in/on Corn After Seed Treatment of TI 435 (600 FS) in the Field in Northern France. Project Number: R/2004/1003/4, RA/2154/04, M/255334/01/2. Unpublished study prepared by Bayer CropScience AG. 47p. |
| 49073620 | Maus, C. ; Schoning, R. (2001) Residue Levels of TI 435 FS 600 and Its Relevant Metabolites in Nectar, Blossoms and Pollen of Sunflowers from Dressed Seeds and Effects of these Residues on Foraging Honeybees - Test Location: "Laacher Hof". Project Number: M/031709/01/2, MAUS/AM/005, E/319/1838/3. Unpublished study prepared by Bayer AG. 34p. |
| 49073621 | Maus, C.; Schoening, R. (2001) Residue Levels of TI 435 FS 600 and its Relevant Metabolites in Nectar, Blossoms and Pollen of Sunflowers from Dressed Seeds and Effects of these Residues on Foraging Honeybees - Test Location: Farmland "Hoefchen". Project Number: M/031715/01/2, MAUS/AM/008. Unpublished study prepared by Bayer AG. 33p. |
| 49073623 | Przygoda, D.; Schoning, R.; Brumhard, B. (2007) Determination of Residue Levels of Clothianidin, TZMU and TZNG in Bee-Relevant Matrices of Winter Rape in a Cereal Succeeding Crop Scenario at Bayer CropScience AG Experimental Farm Laacher Hof, Germany. Project Number: M/291947/01/2, MAUS/AM/041, E/319/3027/5. Unpublished study prepared by Bayer CropScience AG. 80p. |
| 49073625 | Maus, C. (2007) Determination of Residue Levels of Clothianidin, TZMU and TZNG in Bee-Relevant Matrices of Winter Rape in a Cereal Succeeding Crop Scenario at Bayer CropScience AG Experimental Farm Hoefchen, Germany. Project Number: M/291950/01/2, MAUS/AM/042, E/319/3028/6. Unpublished study prepared by Bayer CropScience AG. 80p. |
| 49073626 | Nikolakis, A. (2012) Determination of the Residue Levels of Clothianidin, TZNG and TZMU in Bee Relevant Matrices of Two Different Varieties of Spring Rape at Bayer CropScience AG Experimental Farm Hoefchen, Germany. Project Number: M/421571/01/2, E/319/3892/5, EBTIL076. Unpublished study prepared by Bayer CropScience AG. 83p. |
| 49073627 | Nikolakis, A.; Gladbach, D. (2012) Determination of the Residue Levels of Clothianidin, TZNG and TZMU in Bee Relevant Matrices of Two Different Varieties of Winter Rape at Bayer CropScience AG Experimental Farm Hoefchen, Germany. Project Number: M/421561/01/2, E/319/3754/2, EBTIL076. Unpublished study prepared by Bayer CropScience AG. 88p. |
| 49073628 | Maus, C. (2002) Determination of the Residue Levels of TI 435 and its Relevant Metabolites in Nectar and Pollen of Winter Rape from Dressed Seeds Test Location: Farmland "Laacher Hof". Project Number: M/058143/01/2, MAUS/AM/015, E/319/1916/0. Unpublished study prepared by Bayer AG. 31p. |

**850.1950       Field testing for aquatic organisms**

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| **MRID** | **Citation Reference** |
|  |  |
| 47483004 | Memmert, U. (2008) Fate and Ecological Effects of TI-435 50 WG in an Outdoor Freshwater Mesocosm Study. Project Number: M/044250/01/2, DECO/082. Unpublished study prepared by RCC Umweltchemie Ag. 405 p. |

**850.2100       Avian acute oral toxicity test**

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| **MRID** | **Citation Reference** |
|  |  |
| 49104801 | Stafford, J. (2005) Clothianidin (TI 435) - Acute Oral Toxicity Test (LD50) with the Red-Winged Blackbird (Agelaius phoeniceus). Project Number: 13798/4108, EBTIX060, M/265734/01/1. Unpublished study prepared by Springborn Laboratories, Inc. 51p. |
| 49104802 | Stafford, J. (2005) Clothianidin (TI 435) - Acute Oral Toxicity Test (LD50) with the House Sparrow (Passer domesticus). Project Number: 13798/4107, EBTIX061, MO/05/001949. Unpublished study prepared by Springborn Laboratories, Inc. 49p. |
| 50354901 | Gallagher, S.; Beavers, J. (2004) Clothianidin: An Acute Oral Toxicity Study With the Mallard. Project Number: 149/201, EBTIX062. Unpublished study prepared by Wildlife International Ltd. 57p. |
| 50354902 | Shepherd, J.; Christ, M. (2013) Toxicity of Clothianidin FS600 G (600g/L) During an Acute Oral LD50 with the Northern Bobwhite Quail (Colinus virginianus). Project Number: EBTIN085, 07SRLS13C49. Unpublished study prepared by SynTech Research Laboratory Services, LLC. 28p. |

**850.3020       Honey bee acute contact toxicity**

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| **MRID** | **Citation Reference** |
|  |  |
| 48448801 | Simoens, C.; Jacobs, F. (2005) Carry-Over of Clothianidin from Spiked Bee Bread to Honeybee Royal Jelly. Project Number: P672054710, MR/138/05, BCS/RD/D/ROCS. Unpublished study prepared by University Gent: Laboratorium Zoofysiologie. 77 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. |
| 48961801 | Hofmann, S. (2011) Assessment oof Potential Impacts on Honey Bee Colony Development and Monitorring of Aerial Dust Drift During the Sowing of Clothianidin FS 600 Treated Maize Seeds with Modified Seeding Technology Directly Adjacent to Full Flowering Winter Oil-seed Rape in Austria: Final Report. Project Number: M/394653/02/2/OCR, R10/147, EBTIL/105. Unpublished study prepared by RIFCon GmbH. 139p. |
| 49073630 | Schoening, R.; Krusell, L.; Reineke, A. (2009) Guttation Monitoring of Maize Seedlings Under Agronomic Use Conditions in Austria and Assessment of the Relevance of Guttation for Honeybees. Project Number: M/355004/01/2, MR/09/072, P672094715. Unpublished study prepared by Bayer CropScience AG. 90p. |
| 49073631 | Luckmann, J. (2009) Field Survey on Guttation of Maize Seedlings Under Agronomic Use Conditions in Austria and Assessment of the Relevance of Guttation Fluid for Honeybees. Project Number: M/355018/03/2, R09105, EBTIL065. Unpublished study prepared by RIFCon GmbH. 255p. |
| 49073632 | Henderson, C. ; Bromenshenk, J. ; Fischer, D. . (2013) Clothianidin Exposure Levels from Bee-Collected Pollen and Nectar in Seed-Treated and Canola Plantings. Project Number: M/462673/01/1. Unpublished study prepared by Bee Alert Technology, Inc. and Bayer Cropscience LP. 27p. |
| 49073633 | Janke, M. (2009) Final Interim Bee Disease Analysis Phase Report: Assessment of Side Effects of Clothianidin FS 600B G Treated Maize Seed on the Honeybee (Apis mellifera L.) in a Long-Term Field Study in Champagne (France). Project Number: M/351027/01/2, S08/01573/L3, S08/01573. Unpublished study prepared by Eurofins - GAB GmbH. 17p. |
| 49073634 | Schoening, R.; Ballmann, C. (2012) Amendment no. 1 to report no: MR-12/038 - Field Study to Monitor Potential Effects on Honey Bees from Exposure to Guttation Fluid of Winter Barley (W-BAR), Seed-Treated with the Insecticidal Seed-Treatment Product Clothianidin + Imidacloprid FS 100 + 175 G in Germany in 2011/2012. Project Number: M/444224/02/2, EBTIL116, MR/12/038. Unpublished study prepared by RIFCon GmbH. 103p. |
| 49648203 | Pfeiffer, S. (2014) Clothianidin + Imidacloprid FS 275 (100+175 g/L): Acute Contact Toxicity to the Bumble Bee, Bombus terrestris L. Under Laboratory Conditions: Final Report. Project Number: S13/05151, EBTIN106, M/494283/01/1. Unpublished study prepared by Eurofins Agroscience Services. 28p. |
| 49648204 | Schmitzer, S. (2014) Effects of Clothianidin + Imidacloprid FS 275 (100+175) G (Acute Contact and Oral) on Honey Bees (Apis mellifera L.) in the Laboratory: Final Report. Project Number: EBTIN125, 89691035, M/501653/01/1. Unpublished study prepared by Institut fur Biologische Analytik und Consulting IBACON GmbH. 38p. |

**850.3030       Honey bee toxicity of residues on foliage**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 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. |
| 49478401 | Richards, K. (2014) Clothianidin: Evaluation of Toxicity of Cotton Leaf Residues to Adult Honey Bees (Apis mellifera L.). Project Number: CAR/147/12, VP/38284, RM/39L/1. Unpublished study prepared by California Agricultural Research, Inc. 154p. |

**850.3040       Field testing for pollinators**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46907801 | Cutler, C. (2006) An Investigation of the Potential Long-Term Impact of Clothianidin Seed Treated Canola on Honey Bees, Apis mellifera L. Project Number: 2005/CSD/EBTIX064, EBTIX064, 00554. Unpublished study prepared by Bayer CropScience LP, University of Guelph and Bayer Ag Institut fuer Ruckstands-Analytik. 255 p. |
| 46907802 | Cutler, C.; Scott-Dupree, C. (2006) Spring 2006 Assessment of Overwintered Colonies Studied in an Investigation of the Potential Long-Term Impact of Clothianidin Seed Treated Canola on Honey Bees, Apis mellifera L.. Project Number: 2005/CSD/EBTIX064/2, EBTIX064/2. Unpublished study prepared by University of Guelph. 4 p. |
| 49073605 | Schuld, M. (2002) Field Test: Side Effects of Oil-Seed Rape Grown from Seeds Dressed with Imidacloprid and Beta-Cyfluthrin FS 500 on the Honey Bee (Apis mellifera L.). Project Number: M/066846/01/2, 99398/01/BFEU. Unpublished study prepared by Arbeitsgemeinschaft GAB Biotechnologie. 77p. |
| 49073606 | Janke, M. (2009) Final Interim Bee Disease Analysis Phase Report: Assessment of Side Effects of Clothianidin FS 600B G Treated Maize Seed on the Honeybee (Apis mellifera L.) in a Long-Term Field Study in Alsace (France). Project Number: S08/01572, S08/01572/L3. Unpublished study prepared by Eurofins - GAB GmbH. 16p. |
| 49073622 | Schoening, R.; Billian, P. (2010) Field Study to Monitor the Potential Exposure of Honey Bees to Guttation Fluid of Winter Wheat (W-WHT) Treated with Clothianidin & Beta-Cyfluthrin FS 375 + 80 or Triadimenol & Imidacloprid & Fuberidazol & Imazalil FS 60 + 70 + 7.2 + 8 on Fields in Southern and Northern Germany in Autumn 2009 and Spring 2010. Project Number: M/395185/01/2, P672104709, EBTIL075. Unpublished study prepared by Bayer CropScience AG. 66p. |
| 49372101 | Allen, R. (2014) Clothianidin: Risk to Bees Via Exposure to Residues in Pollen Following In-Furrow Application to Corn at Planting. Project Number: 201400130, VP/38873. Unpublished study prepared by Valent U.S.A. Corporation. 14p. |
| 49531601 | Hofmann, S.; Garrido, C.; Luckmann, J. (2012) Field Study to Monitor Potential Effects on Honey Bees from Exposure to Guttation Fluid of Winter Barley (W-BAR), Seed-Treated Either with an Imidacloprid or a Clothianidin Combi-Product: Final Report. Project Number: M/498922/01/2, R09247/3. Unpublished study prepared by Rifcon GmbH. 261p. |
| 49531602 | Staffel, J.; Aumeier, P.; Hofmann, S. (2014) Field Study to Monitor Potential Effects on Honey Bees from Exposure to Guttation Fluid of Winter Barley (W-BAR), Seed-Treated with the Insecticidal Seed-Treatment Product Clothianidin + Imidacloprid FS 100 + 175 G in Germany in 2011/2012: Final Report. Project Number: M/501261/01/2, R11130. Unpublished Study Prepared by Rifcon GmbH. 412p. |
| 49531603 | Rexer, H. (2014) A Long-Term Field Study to Monitor Potential Effects on the Honeybee (Apis mellifera L.) from Exposure to Guttation Fluid of Sugar Beets, Seed-Treated with the Insecticides Clothianidin + Imidacloprid + Beta-Cyfluthrin in Southern Germany in 2013 and 2014: Final Report. Project Number: M/500724/01/2, S13/00171. Unpublished study prepared by Eurofins Agroscience Services. 242p. |
| 49531604 | Rexer, H. (2014) A Long-Term Field Study to Monitor Potential Effects on the Honeybee (Apis mellifera L.) from Exposure to Guttation Fluid of Sugar Beets, Seed-Treated with the Insecticides Clothianidin + Imidacloprid + Beta-Cyfluthrin in Southern Germany in 2013 and 2014: Final Report. Project Number: M/500734/01/2, S13/00170. Unpublished study prepared by Eurofins Agroscience Services. 237p. |
| 49531605 | Jarratt, N. (2014) Determination of Clothianidin Residues in Bee Relevant Matrices, Collected in a Succeeding Crop Scenario with Natural Aged Clothianidin Residues - Field Phase Conducted with Phacelia and Maize in the UK (Goole, East Yorkshire): Final Report. Project Number: M/504590/01/2, B2BN2000. Unpublished study prepared by the Food and Environment Research Agency. 220p. |
| 49531606 | Jarratt, N. (2014) Determination of Clothianidin Residues in Bee Relevant Matrices, Collected in a Succeeding Crop Scenario with Natural Aged Clothianidin Residues - Field Phase Conducted with Phacelia and Maize in the UK (Thorney, Cambridgeshire): Final Report. Project Number: M/504595/01/2, B2BN3000. Unpublished study prepared by the Food and Environmental Research Agency. 224p. |
| 49531607 | Jarratt, N. (2014) Determination of Clothianidin Residues in Bee Relevant Matrices, Collected in a Succeeding Crop Scenario with Natural Aged Clothianidin Residues - Field Phase Conducted with Phacelia and Maize in the UK (Sawtry, Cambridgeshire): Final Report. Project Number: M/504601/01/2, B2BN4000. Unpublished study prepared by the Food and Environmental Research Agency. 234p. |
| 49531608 | Ythier, Y. (2014) Determination of the Residues of Clothianidin in Bee Relevant Matrices Collected from Succeeding Crops Following Application of Clothianidin FS 600B G via Soil Incorporation to Plateau Concentration and Sowing of Clothianidin-Treated Winter Barley Seeds. Field Phase Conducted in Southern France: Final Report. Project Number: M/504814/01/2, 7SRFR13C4. Unpublished Study Prepared by SynTech Research France S.A.S. 229p. |
| 49531609 | Striffler, B.; Ballhaus, F. (2014) Residues of Clothianidin in Nectar and Pollen of Flowering Rotational Crops in Western Germany: Final Report. Project Number: M/504884/01/2, P13068/1. Unpublished study prepared by Tier 3 Solutions GmbH. 234p. |
| 49531610 | Hofmann, S.; Luckmann, J. (2014) Field Study to Monitor Potential Effects on Honey Bees from Exposure to Guttation Fluid of Winter Wheat (W-WHT), Seed-Treated Either with an Imidacloprid or a Clothianidin Combi-Product: Final Report. Project Number: M/498939/01/2, R09247/4. Unpublished study prepared by Rifcon GmbH. 243p. |
| 49648218 | Hofmann, S.; Staffel, J.; Aumeier, P. (2014) Field Study to Monitor Potential Effects on Honey Bees from Exposure to Guttation Fluid of Winter Barley (W-BAR), Seed-Treated with the Insecticidal Seed-Treatment Product Clothianidin + Imidacloprid FS 100 + 175 G in Germany in 2011/2012: Final Report. Project Number: 142, R11130, EBTIL116. Unpublished study prepared by RIFCON GmbH. 413p. |
| 50713601 | Bocksch, S. (2020) Clothianidin Technical : Honey Bee Brood and Colony Level Effects Following Clothianidin Intake via Treated Pollen Patties in a Field Study in North Carolina - USA in 2018-2019. Project Number: S18/00203, 202000237. Unpublished study prepared by Eurofins Agroscience Services EcoChem GmbH. 585p. |

**850.4000       Background--Nontarget plant testing**

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| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 49188801 | Rose, A. (2013) Quantitation of Residues of Clothianidin, TZNG, and TZMU in Nectar and Pollen Following Soil Application of Belay Insecticide to Cucurbits. Project Number: VP/38263. Unpublished study prepared by Rose Consulting. 110p. |
| 49705901 | Bondarenko, S. (2016) Clothianidin: Quantitation of Residues of Clothianidin, TZNG and TZMU in Nectar, Pollen and Leaves Following Soil Application of Belay Insecticide to Four Different Species of Cucurbit. Project Number: VP/38938. Unpublished study prepared by Valent Dublin Laboratory. 796p. |
| 49705902 | Bondarenko, S. (2016) Clothianidin: Quantitation of Residues of Clothianidin, TZNG and TZMU in Pollen and Leaves Collected from Potatoes Following Soil and Foliar Applications of Belay Insecticide. Project Number: VP/38985. Unpublished study prepared by Valent Dublin Laboratory. 636p. |
| 50154301 | Newcombe, A.; Bondarenko, S. (2017) Exposure of Pollinators to Residues of Clothianidin, TZNG, and TZMU in Pollen Following In-Furrow Application to Corn at Planting Study (2015). Project Number: 201700041, AUS/0035, VP/39071. Unpublished study prepared by Arcadis U.S., Inc. 416p. |
| 50154302 | Bondarenko, S. (2017) Clothianidin: Quantitation of Residues of Clothianidin, TZNG and TZMU in Nectar, Pollen and Leaves Following Foliar Post Bloom Application of Belay Insecticide to Almond Trees. Project Number: 201700031, VP/38473. Unpublished study prepared by Valent Dublin Laboratory. 861p. |
| 50154303 | Bondarenko, S. (2017) Clothianidin: Quantitation of Residues of Clothianidin, TZNG and TZMU in Nectar, Pollen and Leaves Following Foliar Post Bloom Application of Belay Insecticide to Peach Trees. Project Number: 201700033, VP/38563. Unpublished study prepared by Valent Dublin Laboratory. 644p. |
| 50154304 | Bondarenko, S. (2017) Clothianidin: Quantitation of Residues of Clothianidin, TZNG and TZMU in Nectar, Pollen and Leaves Following Foliar Post Bloom Application of Belay Insecticide/Clutch 50 WDG Insecticide to Apple Trees. Project Number: 201700035, VP/38552. Unpublished study prepared by Valent Dublin Laboratory. 647p. |
| 50154305 | Bondarenko, S. (2017) Clothianidin: Quantitation of Residues of Clothianidin, TZNG and TZMU in Pollen and Leaves Collected from Grapevines Following Soil and Foliar Applications of Belay 50 WDG Insecticide (Clutch 50 WDG). Project Number: 201700034, VP/38992. Unpublished study prepared by Valent Dublin Laboratory. 659p. |
| 50154306 | Bondarenko, S. (2017) Quantitation of Residues of Clothianidin, TZNG and TZMU in Nectar, Pollen and Leaves Following Soil Application of Belay Insecticide to Melon. Project Number: 201700037, V/39242. Unpublished study prepared by Valent Dublin Laboratory. 746p. |

**850.4400       Aquatic plant toxicity test using Lemna spp. Tiers I and II**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 49281301 | Scheerbaum, D. (1999) TI-435 Technical: Aquatic Plant Toxicity Test Using Lemna gibba. Project Number: M/027363/01/2, DECO/027, 980902TU. Unpublished study prepared by Dr. U. Noack-Laboratorien. 44p. |

**850.4800       Plant Uptake and Translocation Test**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 49910601 | Bondarenko, S. (2016) Clothianidin: Quantitation of Residues of Clothianidin, TZNG and TZMU in Nectar, Pollen and Leaves Collected from Pumpkins Following Soil Application of Belay Insecticide and Foliar Application of Belay 50 WDG Insecticide. Project Number: VP/38971. Unpublished study prepared by Valent Dublin Laboratory. 851p. |

**850.5400       Algal toxicity, Tiers 1 and II**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 48720601 | Banman, C.; Howerton, J.; Lam, C. (2012) Toxicity of Clothianidin to the Blue-Green Algae Anabaena flos-aquae. Project Number: EBTIP057, M/421987/01/1. Unpublished study prepared by Bayer CropScience. 58p. |
| 48720602 | Banman, C.; Howerton, J.; Lam, C. (2012) Toxicity of Clothianidin Technical to the Freshwater Diatom Navicula pelliculosa. Project Number: EBTIP059, M/421991/01/1. Unpublished study prepared by Bayer CropScience. 59p. |
| 48720603 | Banman, C.; Howerton, J.; Lam, C. (2012) Toxicity of Clothianidin to the Saltwater Diatom Skeletonema costatum. Project Number: EBTIP058, M/421990/01/1. Unpublished study prepared by Bayer CropScience. 58p. |

**850.6100       Environmental Chemistry Methods and Associated Independent Laboratory Validation**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 50154306 | Bondarenko, S. (2017) Quantitation of Residues of Clothianidin, TZNG and TZMU in Nectar, Pollen and Leaves Following Soil Application of Belay Insecticide to Melon. Project Number: 201700037, V/39242. Unpublished study prepared by Valent Dublin Laboratory. 746p. |
| 50312702 | Bondarenko, S.; Newcombe, A. (2017) Determination of Clothianidin Residues in Bee Relevant Matrices Collected form Corn Plants Following In-furrow Application and In-furrow Application to Clothianidin Treated Seed. Project Number: VP/39442, AUS/0069. Unpublished study prepared by Valent U.S.A. LLC. 596p. |

**860.1000       Background**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 47578103 | Corley, J. (2008) Clothianidin: Magnitude of the Residue on Cranberry: Final Report. Project Number: 09399, 09399/05/MIR14, 09399/05/MA01. Unpublished study prepared by Interregional Research Project No. 4, IR-4 North Central Analytical Lab and Cranberry Experiment Station. 160 p. |
| 49073616 | Claben, C. (2009) Clothianidin FS 600B G: A Residue Study with Clothianidin FS 600B G Treated Maize Seed, Investigating Residues in Crop, Soil and Honeybee Products in Languedoc-Roussillon (France). Project Number: M/347742/01/2, S08/01377, S08/01377/01/BZEU. Unpublished study prepared by Eurofins - GAB GmbH. 250p. |
| 49073618 | Claben, C. (2009) Clothianidin FS 600B G: A Residue Study with Clothianidin FS 600B G Treated Maize Seed, Investigating Residues in Crop, Soil and Honeybee Products in Champagne (France). Project Number: M/347748/01/2, S08/02438, S08/02438/01/BZEU. Unpublished study prepared by Eurofins - GAB GmbH. 242p. |
| 49073619 | Janke, M. (2009) Final Interim Bee Disease Analysis Phase Report: Assessment of Side Effects of Clothianidin FS 600B G Treated Maize Seed on the Honeybee (Apis mellifera L.) in a Long-Term Field Study in Languedoc-Roussillon (France). Project Number: M/351028/01/2, S08/01575/L3, S08/01575. Unpublished study prepared by Eurofins - GAB GmbH. 17p. |
| 49073624 | Neumann, C.; Schoning, R.; Brumhard, B. (2005) Determination of Residue Levels of Clothianidin, TZMU and TZNG in Bee-Relevant Matrices of Summer Rape in a Succeeding Crop Scenario at Bayer CropScience AG Experimental Farm "Hoefchen", Germany. Project Number: M/256718/01/2, MAUS/AM/034, E/319/2811/5. Unpublished study prepared by Bayer CropScience AG. 63p. |
| 49073629 | Schoning, R. ; Billian, P. (2010) Field Study to Monitor the Potential Exposure of Honey Bees to Guttation Fluid of Winter Barley (W-BAR) Treated With Clothianidin & Beta-Cyfluthrin FS 375 + 80 or Triadimenol & Imidacloprid & Fuberidazol & Imazalil FS 60 + 70 + 7.2 + 8 on Fields in Southern and Northern Germany in Autumn 2009 and Spring 2010. Project Number: M/395209/01/2, P672104710, MR/10/059. Unpublished study prepared by Bayer CropScience AG. 74p. |
| 49073647 | Spiegel, K.; Haas, M. (2004) Metabolism of [Thiazolyl-2-14C]TI-435 in Sugar Beet. Project Number: M/128724/01/2, MEF/028/03, M1731189/0. Unpublished study prepared by Bayer CropScience AG. 191p. |
| 49073652 | Kurogochi, S.; Maruyama, M.; Araki, Y. (1988) Absorption and Translocation of 14C-NTN 33893 in Eggplants and Rice Plants. Project Number: M/024270/01/2, NR1273, 87050. Unpublished study prepared by Nihon Tokushu Noyaku Seizo K.K. 33p. |
| 49073655 | Donecke, U.; Fuhr, F.; Wieneke, J. (1989) Container Tests with the Insecticidal Active Ingredient NTN 33893 Concerning Uptake, Translocation and Action in Wheat and Sugar Beet Plants. Project Number: M/007249/01/3, IRA/8/89. Unpublished study prepared by Bayer CropScience AG. 70p. |
| 49073656 | Clark, T. (1997) Uptake of NTN 33893 in Phacelia and Summer Rape. Project Number: M/024327/01/2, PF4293, M/1730748/0. Unpublished study prepared by Bayer AG. 41p. |

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

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| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 47483007 | Brookey, F. (2006) Independent Laboratory Validation of the Residue Analytical Method: an Analytical Method for the Determination of Clothianidin (TI-435) and the Metabolite TMG Residues in Root and Leafy Vegetables using LC MS/MS - Method no. TI-002-P05-001: Final Report. Project Number: M/283049/01/1, RATIY018, ML06/1320/BAY. Unpublished study prepared by Morse Laboratories, Inc. 100 p. |
| 47955201 | Creek, M.; Shen, S.; Green, C. (2010) Clothianidin - Summary of Data and Time Limited Tolerance Petition Supporting Seed Treatment Use on Rice. Project Number: V/37267, 201000014. Unpublished study prepared by Valent U.S.A. Corporation. 51 p. |
| 48708201 | Shen, S. (2011) Clothianidin: Summary of Data and Petition Supporting Use on Pepper/ Eggplant Subgroup (8-10 B) with 1 Day PHI (Pre-Harvest Interval). Project Number: 38177, 201100465. Unpublished study prepared by Valent U.S.A. Corporation. 162p. |
| 49073644 | Sakamoto, H. (1991) Metabolism of (pyridinyl-14C-methyl) NTN 33893 in Rice Plants (Nursery Box Application). Project Number: M/024279/01/2, NR1284, 89053/ESR. Unpublished study prepared by Nihon Tokushu Noyaku Seizo K.K. 89p. |
| 49073645 | Kuroqochi, S.; Araki, Y. (1989) Isolation and Identification of Metabolites of NTN 33893 in Rice by Water Culture. Project Number: M/024273/01/2, NR1282, 87036. Unpublished study prepared by Nihon Tokushu Noyaku Seizo K.K. 47p. |
| 49073646 | Araki, Y.; Kurgochi, S. (1989) Metabolism of (pyridinyl-14C-methyl) NTN 33893 in Rice by Submerged Application of Granules. Project Number: M/024275/01/2, NR1277, 87051. Unpublished study prepared by Nihon Tokushu Noyaku Seizo K.K. 46p. |

**860.1340       Residue analytical method**

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| **MRID** | **Citation Reference** |
|  |  |
| 45422538 | Gould, T.; Murphy, M. (2001) Additional Validation Data for the Analytical Residue Method for the Detection of TI-435 Residues in Crop Matrices: Lab Project Number: 109240-2. Unpublished study prepared by Bayer Corporation. 19 p. |
| 46346801 | Reed, D. (2004) Independent Laboratory Validation for the Determination of TM-444 and TMG in Grapes: Final Report. Project Number: ARVESTA/1506. Unpublished study prepared by Pyxant Labs Inc. 53 p. |
| 47483006 | Qadri, S. (2007) Validation of Bayer CropScience Method TI-002-P05-001: An Analytical Method for the Determination of Clothianidin (TI-435) and the Metabolite TMG Residues in Root and Leafy Vegetables using LC/MS/MS. Project Number: M/289314/01/1, RATIY008. Unpublished study prepared by Bayer CropScience. 105 p. |
| 47483008 | Perez, S.; Perez, R. (2006) Evaluation of TI435-TMG - FDA Multiresidue Method (MRM) Testing. Project Number: M/272961/01/1, RATIY016. Unpublished study prepared by ADPEN Laboratories, Inc. 63 p. |
| 49073638 | Schmuck, R.; Schoening, R. (1998) Residues of Imidacloprid and Imidacloprid Metabolites in Sunflower Blossoms Sampled in Argentinia. Project Number: M/018436/01/3, SXR/AM002. Unpublished study prepared by Bayer AG. 19p. |
| 49073639 | Schoening, R.; Freitag, T.; Przygoda, D.; et al. (2011) Determination of Residue Levels of Imidacloprid, Imidacloprid-Monohydroxy and Imidacloprid-Olefine in Bee Relevant Matrices of Winter Rape in a Cereal Succeeding Crop Scenario at Bayer CropScience AG Experimental Farm Höfchen, Germany. Project Number: M/406083/01/2 E/319/3387/4 EBNTL006. Unpublished study prepared by Bayer CropScience AG. 116p. |

**860.1360       Multiresidue method**

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| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 47483006 | Qadri, S. (2007) Validation of Bayer CropScience Method TI-002-P05-001: An Analytical Method for the Determination of Clothianidin (TI-435) and the Metabolite TMG Residues in Root and Leafy Vegetables using LC/MS/MS. Project Number: M/289314/01/1, RATIY008. Unpublished study prepared by Bayer CropScience. 105 p. |
| 47483007 | Brookey, F. (2006) Independent Laboratory Validation of the Residue Analytical Method: an Analytical Method for the Determination of Clothianidin (TI-435) and the Metabolite TMG Residues in Root and Leafy Vegetables using LC MS/MS - Method no. TI-002-P05-001: Final Report. Project Number: M/283049/01/1, RATIY018, ML06/1320/BAY. Unpublished study prepared by Morse Laboratories, Inc. 100 p. |
| 47483008 | Perez, S.; Perez, R. (2006) Evaluation of TI435-TMG - FDA Multiresidue Method (MRM) Testing. Project Number: M/272961/01/1, RATIY016. Unpublished study prepared by ADPEN Laboratories, Inc. 63 p. |

**860.1380       Storage stability data**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 47483009 | Coopersmith, H. (2008) Storage Stability of TMG in Potatoes (Tuberous Vegetables) and Sugar Beet Leaves (Leaves of Root Vegetables) and Associated Processed Products of Potatoes. Project Number: M/303705/01/1, RATIY015. Unpublished study prepared by Bayer CropScience. 106 p. |
| 47483010 | Lenz, C. (1996) Addendum 4 - Imidacloprid and Metabolites - Freezer Storage Stability Study in Crops - Data on Orange and Orange Processed Commodities. Project Number: M/090199/01/2, 103949/4, N3131601. Unpublished study prepared by Bayer CropScience. 242 p. |
| 48170101 | Brungardt, J. (2009) Storage Stability of Clothianidin in Tomato and Spinach Matrices. Project Number: M/356812/01/1, RATIY019/OCR. Unpublished study prepared by Bayer CropScience. 62 p. |

**860.1460       Food handling**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 50490201 | Lyddon, K. (2018) Residue Study Regarding ULV Spray In A Simulated Feed or Food Processing Warehouse Situation. Unpublished study prepared by McLaughlin Gormley King Company. 4p. |
| 51153901 | Acedo, K. (2020) Determination of Pesticide Residues in Food Commodities Following ULV Fogging Treatment of a Simulated Food Processing Facility: Final Report. Project Number: 180805. Unpublished Study Prepared by Golden Pacific Laboratories, LLC (GPL). 782p. |
| 51291501 | Johnston, J. (2020) Justification for Higher Application Rate of Pyriproxyfen in Food Handling Establishments with MGK Formula 3144. Project Number: STD01316. Unpublished study prepared by McLaughlin Gormley King Company, D/B/A MGK. 5p. |

**860.1480       Meat/milk/poultry/eggs**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 47867001 | Wustner, D.; Assaf, N. (2009) Rationale for No Tolerances or for Limit of Detection Tolerances in/on Poultry and Eggs to Support the use of Darlex Insecticide in Poultry Houses. Project Number: DLX/2. Unpublished study prepared by Valent BioSciences Corporation and Consultant - Pesticide Registration. 10 p. |

**860.1500       Crop field trials**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46144901 | Duah, F. (2002) TI-435 600 FS - Magnitude of the Residue in Sorghum. Project Number: T5046/01H, T5047/01H, T5048/01H. Unpublished study prepared by Bayer Corp. and Gustafson Seed Technology Center. 182 p. |
| 46144902 | Duah, F. (2002) TI-435 600 FS - Magnitude of the Residue in Sorghum Processed Commodities (Request for Waiver of the Study for the Magnitude of the Residue in Sorgum Aspirated Grain Fractions and Processed Commodities). Project Number: T519SO02, 200244, 0104002. Unpublished study prepared by Bayer Corp. and Gustafson Research and Development Center and Texas A & M Food Protein Research & Development Center. 67 p. |
| 46346802 | Carringer, S. (2004) Magnitude of the Residue of TM-444 and its Metabolite in Grape Raw Agricultural and Processed Commodities. Project Number: TCI/03/076, ML03/1061/ARV. Unpublished study prepared by Morse Laboratories and National Food Laboratory, Inc. 393 p. |
| 46357301 | Carringer, S. (2003) Comparison of TM-444 Residues in Potato Raw Agricultural Commodities Following In-Furrow, Side-Dress, and Foliar Applications of TM-444 Formulated Products. Project Number: TCI/02/063, ML02/1016/ARV. Unpublished study prepared by Morse Laboratories and Smith Biological Services and Marbicon, Inc. 201 p. |
| 46357302 | Carringer, S. (2004) Magnitude of the Residue of TM-444 and its Metabolite in Potato Raw Agricultural and Processed Commodities. Project Number: TCI/03/075, ML03/1057/ARV. Unpublished study prepared by Morse Laboratories and National Food Laboratory, Inc. and ACDS Research, Inc. 420 p. |
| 46482308 | Krolski, M. (2005) Poncho 600 FS - Magnitude of the Residue in Cotton. Project Number: T519CT01, RCTIY009, 201161. Unpublished study prepared by Bayer CropScience., Gustafson Research and Development Center, and Texas A & M Food Protein Research and Development Center. 159 p. |
| 47007809 | Duah, F.; Harbin, A. (2006) Clothianidin and Cyfluthrin 600 SE Magnitude of the Residue in/on Sugar Beet. Project Number: RATIY006. Unpublished study prepared by Bayer CropScience LP. 238 p. |
| 47471601 | Stewart, E. (2008) Clothianidin Residues on Almond from Trials Conducted in the United States in 2007. Project Number: 200800097, SARS/07/71, 060246. Unpublished study prepared by Stewart Agricultural Research Services, Inc. 140 p. |
| 47471602 | Stewart, E. (2008) Clothianidin Residues on Bell and Non-Bell Pepper from Trials Conducted in the United States in 2007. Project Number: 200800096, SARS/07/81, 060252. Unpublished study prepared by Stewart Agricultural Research Services and Golden Pacific Laboratories, LLC (GPL). 126 p. |
| 47471603 | Stewart, E. (2007) Clothianidin Residues on Cabbage from Trials Conducted in the United States in 2006. Project Number: 200800029, SARS/06/83, 060221. Unpublished study prepared by Stewart Agricultural Research Services and Golden Pacific Laboratories, LLC (GPL). 146 p. |
| 47471604 | Sttewart, E. (2007) Clothianidin Residues on Cantaloupe from Trials Conducted in the United States in 2006 and 2007. Project Number: SARS/06/78, 200800048, 060218. Unpublished study prepared by Stewart Agricultural Research Services and Golden Pacific Laboratories, LLC (GPL). 119 p. |
| 47471605 | Stewart, E. (2007) Clothianidin Residues on Cauliflower from Trials Conducted in the United States in 2006. Project Number: SARS/06/82, 200800026, 060220. Unpublished study prepared by Golden Pacific Laboratories, LLC (GPL) and Stewart Agricultural Research Services. 153 p. |
| 47471606 | Stewart, E. (2008) Clothianidin Residues on Celery from Trials Conducted in the United States in 2007. Project Number: SARS/07/76, 200800027, 060250. Unpublished study prepared by Stewart Agricultural Research Services and Golden Pacific Laboratories, LLC (GPL). 147 p. |
| 47471607 | Stwart, E. (2008) Clothianidin Residues on Cotton and Cotton Processed Commodities from Trials Conducted in the United States in 2006 and 2007. Project Number: SARS/06/85, 200800095, 060223. Unpublished study prepared by Stewart Agricultural Research Services, and Golden Pacific Laboratories, LLC (GPL) and GLP Technologies. 2262 p. |
| 47471608 | Stewart, E. (2007) Clothianidin Residues on Cucumber from Trials Conducted in the United States in 2006 and 2007. Project Number: SARS/06/77, 200800047, 060217. Unpublished study prepared by Stewart Agricultural Research Services and Golden Pacific Laboratories, LLC (GPL). 143 p. |
| 47471609 | Stewart, E. (2008) Clothianidin Residues on Head Lettuce from Trials Conducted in the United States in 2007. Project Number: SAR/07/74, 060248, VA/032/02. Unpublished study prepared by Stewart Agricultural Research Services and Golden Pacific Laboratories, LLC (GPL). 168 p. |
| 47471610 | Stewart, E. (2008) Clothianidin Residues on Leaf Lettuce from Trials Conducted in the United States in 2007. Project Number: SARS/07/73, 200800099, 060247. Unpublished study prepared by Golden Pacific Laboratories, LLC (GPL) and Stewart Agricultural Research Services. 143 p. |
| 47471611 | Stewart, E. (2007) Clothianidin Residues on Mustard Greens from Trials Conducted in the United States in 2006. Project Number: 200700011, SARS/06/84, 060222. Unpublished study prepared by Stewart Agricultural Research Services and Golden Pacific Laboratories, LLC (GPL). 154 p. |
| 47471612 | Stewart, E. (2007) Clothianidin Residues on Pecan from Trials Conducted in the United States in 2006. Project Number: 200800030, SARS/06/72, 060216. Unpublished study prepared by Golden Pacific Laboratories, LLC (GPL) and Stewart Agricultural Research Services. 120 p. |
| 47471613 | Stewart, E. (2008) Clothianidin Residues on Soybean and Soybean Peocessed Commodities from Trials Conducted in the United States in 2007. Project Number: SARS/07/86, 200800128, 060253. Unpublished study prepared by Golden Pacific Laboratories, LLC (GPL), Stewart Agricultural Research Services and GLP Technologies. 209 p. |
| 47471614 | Stewart, E. (2008) Clothianidin Residues on Spinach from Trials Conducted in the United States in 2006. Project Number: 060249, SARS/07/75, 200800028. Unpublished study prepared by Stewart Agricultural Research Services and Golden Pacific Laboratories, LLC (GPL). 143 p. |
| 47471615 | Stewart, E. (2007) Clothianidin Residues on Summer Squash from Trials Conducted in the United States in 2006 and 2007. Project Number: SARS/06/79, 060219, 200800049. Unpublished study prepared by Stewart Agricultural Research Services and Golden Pacific Laboratories, LLC (GPL). 120 p. |
| 47471616 | Stewart, E. (2008) Clothianidin Residues on Tomato and Tomato Processed Commodities from Trials Conducted in the United States in 2007. Project Number: 200800098, SARS/07/80, 060251. Unpublished study prepared by Stewart Agricultural Research Services, Golden Pacific Laboratories, LLC (GPL) and A.C.D.S. Research, Inc. 209 p. |
| 47483012 | Duah, F.; Harbin, A. (2006) Poncho 600 FS - Magnitude of the Residue in/on Potato. Project Number: M/282086/01/1, RATIY004. Unpublished study prepared by Bayer CropScience. 147 p. |
| 47483013 | Ballantine, J. (2006) Clothianidin - Magnitude of the Residue in/on Potato. Project Number: M/304969/01/1, AAFC04/001/R, AAFCO4/001R/568. Unpublished study prepared by University of California, Davis. 223 p. |
| 47483014 | Freeseman, P.; Harbin, A. (2008) Poncho-Beta 453.3 FS - Magnitude of the Residue in/on Carrots and Radishes. Project Number: M/304701/01/1, RATIP043. Unpublished study prepared by Bayer CropScience. 238 p. |
| 47483015 | Freeseman, P.; Harbin, A. (2008) Magnitude of the Clothianidin Residue in/on Wheat Following Seed Treatment with Poncho 600 FS and Prothioconazole 480 SC. Project Number: M/304371/01/1, RATIP044. Unpublished study prepared by Bayer CropScience. 189 p. |
| 47483016 | Fischer, D. (2008) Admire Pro 550 SC - Magnitude of the Residue in/on Fruiting Vegetables (Crop Group 3). Project Number: M/304592/01/1, RATIY020. Unpublished study prepared by Bayer CropScience. 151 p. |
| 47483017 | Gould, T.; Dallstream, K. (2008) Clothianidin+Imidacloprid WS (56.25 percent+18.75 percent w/w) - Magnitude of the Residue in/on Leafy Greens (Crop Subgroup 4A). Project Number: M/304730/01/1, RATIL001. Unpublished study prepared by Bayer CropScience. 221 p. |
| 47483018 | Gould, T.; Dallstream, K. (2008) Clothianidin+Imidacloprid WS (56.25 percent+18.75 percent w/w) - Magnitude of the Residue in/on Brassica Leafy Vegetables. Project Number: M/304704/01/1, RATIL002. Unpublished study prepared by Bayer CropScience. 219 p. |
| 47483019 | Freeseman, P.; Harbin, A. (2008) Magnitude of the Clothianidin Residue in/on Wheat Following Seed Treatment with Poncho 600 FS and Prothioconazole 480 SC. Project Number: M/304551/01/1, RATIP046. Unpublished study prepared by Bayer CropScience. 272 p. |
| 47483020 | Freeseman, P.; Harbin, A. (2008) Poncho-Beta 453.3 FS - Magnitude of the Residue in/on Cucurbit Vegetables (Crop Group 9). Project Number: M/300700/01/1, RATIP045. Unpublished study prepared by Bayer CropScience. 198 p. |
| 47483021 | Freeseman, P.; Harbin, A. (2008) Magnitude of the Clothianidin Residue in/on Wheat Following Seed Treatment with Poncho 600 FS and Prothioconazole 480 SC. Project Number: M/303764/01/1, RATIY013. Unpublished study prepared by Bayer CropScience. 282 p. |
| 47578101 | Dorschner, K. (2007) Clothianidin: Magnitude of the Residue on Peach. Project Number: 08544/04/BER01, 08544, 08544/04/NJ23. Unpublished study prepared by Interregional Research Project No. 4, Cornell University, and Rutgers Agricultural Research and Extension Center. 247 p. |
| 47578102 | Dorschner, K. (2008) Clothianidin: Magnitude of the Residue on Peach. Project Number: A8544/06/NC28, A8544/06/BER07, A8544. Unpublished study prepared by Interregional Research Project No. 4, U.S. Dept. of Agriculture and IR-4 SE Region Analytical Lab. 97 p. |
| 47666901 | Stearns, J. (2009) Magnitude of the Residues of Clothianidin on Figs. Project Number: V/08/32571, 200900064. Unpublished study prepared by Valent U.S.A. Corporation and Excel Research Services, Inc. and Research for Hire and California Agricultural Research, Inc. 107 p. |
| 47666902 | Stearns, J. (2009) Magnitude of the Residues of Clothianidin on Pomegranates. Project Number: V/08/32584, 200900059. Unpublished study prepared by Valent U.S.A. Corporation and Excel Research Services, Inc. and Research for Hire and California Agricultural Research, Inc. 110 p. |
| 47955201 | Creek, M.; Shen, S.; Green, C. (2010) Clothianidin - Summary of Data and Time Limited Tolerance Petition Supporting Seed Treatment Use on Rice. Project Number: V/37267, 201000014. Unpublished study prepared by Valent U.S.A. Corporation. 51 p. |
| 47955203 | Greenland, R. (2009) Clothianidin Residues on Rice and Rice Processed Commodities from Trials Conducted in the United States in 2008. Project Number: SARS/08/91, 200900600, 080295. Unpublished study prepared by Stewart Agricultural Research Services, Inc. 258 p. |
| 48364802 | Green, C. (2010) Magnitude of the Residue of Clothianidin in Rice (Exaggerated Rate). Project Number: 37383, 201000262. Unpublished study prepared by Valent U.S.A. Corporation. 111 p. |
| 48600001 | Corley, J. (2011) Clothianidin: Magnitude of the Residue on Strawberry. Project Number: 10005/OCR 10005/08/BER02, 10005/08/CA10. Unpublished study prepared by Interregional Research Project No. 4. 188p. |
| 48600002 | Dorschner, K. (2011) Clothianidin: Magnitude of the Residue on Grapefruit. Project Number: 10168/OCR 10168/10/CPR01 100168/09/FL66. Unpublished study prepared by Interregional Research Project No. 4 , University of California, Riverside, University of California Kearney Agricultural Center. 162p. |
| 48600003 | Stearns, J. (2010) Magnitude of the Residue of Clothianidin in Lemons. Project Number: 201000331/OCR 33024 10169. Unpublished study prepared by Valent U.S.A. Corporation. 228p. |
| 48600004 | Stearns, J. (2011) Magnitude of the Residue of Clothianidin in Oranges. Project Number: 201100018A/OCR 33019 10167. Unpublished study prepared by Valent U.S.A. Corporation. 219p. |
| 48708202 | Sterns, J. (2011) Magnitude of the Residues of Clothianidin in Leaf Lettuce. Project Number: V/37628, V/37618, 201100402. Unpublished study prepared by Valent U.S.A. Corporation. 177p. |
| 48708203 | Sterns, J. (2011) Magnitude of the Residues of Clothianidin in Non-Bell Peppers. Project Number: VP/37652, 201100398, V/10/37652. Unpublished study prepared by Valent U.S.A. Corporation. 158p. |
| 48708204 | Sterns, J. (2011) Magnitude of the Residues of Clothianidin on Bell Peppers. Project Number: VP/37655, 201100393. Unpublished study prepared by Valent U.S.A. Corporation. 147p. |
| 48708205 | Sterns, J. (2011) Magnitude of the Residues of Clothianidin in Cabbage. Project Number: 201100458, VP/37628, V/10/37628. Unpublished study prepared by Valent U.S.A. Corporation. 179p. |
| 49073615 | Neumann, C.; Schoening, R.; Brumhard, B. (2005) Determination of Residue Levels of Clothianidin, TZMU and TZNG in Maize Pollen in a Succeeding Crop Scenario at Bayer CropScience AG Experimental Farm "Hoefchen", Germany. Project Number: E/319/2903/7, MAUS/AM/035, M/256564/01/2. Unpublished study prepared by Bayer CropScience AG. 54p. |
| 49073648 | Ardiel, K. (2012) Poncho 600 FS Seed Treatment Insecticide - Magnitude of Clothianidin Residues in/on Soybeans. Project Number: M/428421/01/2, RATIC005. Unpublished study prepared by ALS Environmental. 473p. |
| 49317901 | Bondarenko, S. (2014) Clothianidin: Quantitation of Residues of Clothianidin, TZNG, TZMU in Nectar Following Soil Application of Belay Insecticide to Citrus. Project Number: VP/38685. Unpublished study prepared by Valent U.S.A. Corporation. 125p. |
| 49372102 | Burke, Z.; Bondarenko, S. (2014) Clothianidin: Magnitude of Residues on Corn After In-Furrow Application of Belay 2.13 SC With and Without Clothianidin Seed Treatment. Project Number: 201400128, VP/39240, V/13/39240. Unpublished study prepared by Valent U.S.A. Corporation. 915p. |
| 50009301 | Lam, C.; Jerkins, E. (2016) Amended Report 1 to RATIN104: Poncho 600 FS: Magnitude of the Residue in Field and Popcorn Following Seed Treatment and/or In-Furrow Applications: Final Report. Project Number: RATIN104, RATIN104/01, M14/105. Unpublished study prepared by Bayer CropScience LP, Northern Plains Ag Research, Illinois Ag Research, Crop Management Strategies, Inc., Dragon Run Ag Services, Inc., SynTech Research, Inc., Bennett Agricultural Research Corporation, Warnke Research Services, LLC, MidWest Research, Inc., Crop Guard Research, Inc., Agricultural Research of Wisconsin, LLC, Stewart Ag Research Services, Inc., Diamond Ag Research, Inc., Dozier Ag Research Services, LLC, Great Lakes Agricultural Research and ABG AG Services. 469p. |
| 50539801 | Saito, K. (2016) Clothianidin (Dantotsu) Water Soluble Granule Persimmon, Magnitude of Residue Study. Project Number: 201600736, JP2015C262. Unpublished study prepared by Japan Plant Protection Assoc. 63p. |
| 50539802 | Saito, K. (2017) Clothianidin (Dantotsu) Water Soluble Granule Persimmon, Magnitude of Residue Study. Project Number: 201700412, JP2016C210. Unpublished study prepared by Japan Plant Protection Assoc. 88p. |

**860.1520       Processed food/feed**

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| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46144902 | Duah, F. (2002) TI-435 600 FS - Magnitude of the Residue in Sorghum Processed Commodities (Request for Waiver of the Study for the Magnitude of the Residue in Sorgum Aspirated Grain Fractions and Processed Commodities). Project Number: T519SO02, 200244, 0104002. Unpublished study prepared by Bayer Corp. and Gustafson Research and Development Center and Texas A & M Food Protein Research & Development Center. 67 p. |
| 46346802 | Carringer, S. (2004) Magnitude of the Residue of TM-444 and its Metabolite in Grape Raw Agricultural and Processed Commodities. Project Number: TCI/03/076, ML03/1061/ARV. Unpublished study prepared by Morse Laboratories and National Food Laboratory, Inc. 393 p. |
| 46357302 | Carringer, S. (2004) Magnitude of the Residue of TM-444 and its Metabolite in Potato Raw Agricultural and Processed Commodities. Project Number: TCI/03/075, ML03/1057/ARV. Unpublished study prepared by Morse Laboratories and National Food Laboratory, Inc. and ACDS Research, Inc. 420 p. |
| 46482309 | Lenz, C. (2005) Poncho 600 FS - Request for Waiver from the Requirement for a Cotton Processing Study. Project Number: T519CT02, RCTIY010, 201162. Unpublished study prepared by Bayer CropScience, Gustafson Research and Development Center, and Texas A & M Food Protein Research and Development Center. 84 p. |
| 47007810 | Duah, F.; Harbin, A. (2006) Clothianidin and Cyfluthrin 600 SE Magnitude of the Residue in/on Sugar Beet Processed Commodities. Project Number: RATIY007. Unpublished study prepared by Bayer Crop Science Lp and GLP Technologies and Pyxant Labs Inc. 310 p. |
| 47471607 | Stwart, E. (2008) Clothianidin Residues on Cotton and Cotton Processed Commodities from Trials Conducted in the United States in 2006 and 2007. Project Number: SARS/06/85, 200800095, 060223. Unpublished study prepared by Stewart Agricultural Research Services, and Golden Pacific Laboratories, LLC (GPL) and GLP Technologies. 2262 p. |
| 47471613 | Stewart, E. (2008) Clothianidin Residues on Soybean and Soybean Peocessed Commodities from Trials Conducted in the United States in 2007. Project Number: SARS/07/86, 200800128, 060253. Unpublished study prepared by Golden Pacific Laboratories, LLC (GPL), Stewart Agricultural Research Services and GLP Technologies. 209 p. |
| 47471616 | Stewart, E. (2008) Clothianidin Residues on Tomato and Tomato Processed Commodities from Trials Conducted in the United States in 2007. Project Number: 200800098, SARS/07/80, 060251. Unpublished study prepared by Stewart Agricultural Research Services, Golden Pacific Laboratories, LLC (GPL) and A.C.D.S. Research, Inc. 209 p. |
| 47483022 | Duah, F.; Helfrich, K. (2006) Poncho 600 FS - Magnitude of the Residue in/on Potato Processed Commodities. Project Number: M/282378/01/1, RATIY005. Unpublished study prepared by Bayer CropScience and National Food Laboratory, Inc. 169 p. |
| 47483023 | Lenz, C. (2008) Poncho-Beta 453.3 FS - Magnitude of the Residue in/on Tomato Processed Commodities. Project Number: M/304478/01/1, RATIP041. Unpublished study prepared by Bayer CropScience and GLP Technologies. 87 p. |
| 47483024 | Lenz, C. (2008) Poncho 600 FS - Request for Waiver of the Study of the Magnitude of the Residue in/on Wheat Processed Commodities. Project Number: M/304174/01/1, RATIP037. Unpublished study prepared by Bayer CropScience and GLP Technologies. 76 p. |
| 47955203 | Greenland, R. (2009) Clothianidin Residues on Rice and Rice Processed Commodities from Trials Conducted in the United States in 2008. Project Number: SARS/08/91, 200900600, 080295. Unpublished study prepared by Stewart Agricultural Research Services, Inc. 258 p. |
| 48600004 | Stearns, J. (2011) Magnitude of the Residue of Clothianidin in Oranges. Project Number: 201100018A/OCR 33019 10167. Unpublished study prepared by Valent U.S.A. Corporation. 219p. |
| 49073649 | Huber, L.; Cosgrove, D. (2010) Poncho 600 FS Seed Treatment Insecticide - Magnitude of Clothianidin Residues in/on Soybean Processed Fractions. Project Number: M/427564/01/2, RATIC006. Unpublished study prepared by ALS Environmental. 201p. |
| 49372501 | Bondarenko, S.; Burke, Z. (2014) Clothianidin: Processing Study to Support In-Furrow Application of Belay 2.13 SC to Corn. Project Number: VP/38633, V/14/38633, VP/39240. Unpublished study prepared by Valent Technical Center. 282p. |

**860.1900       Field accumulation in rotational crops**

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| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46826901 | Duah, F. (2006) PONCHO 600 FS - Magnitude of the Residue in Field Rotational Crop - Soybeans. Project Number: RATIX046. Unpublished study prepared by Bayer Cropscience LP, Bayer Corp. and Bayer Research Farm. 83 p. |
| 47524001 | Duah, F. K.; Dallstream, K. A.; Lemke, V. J. (2008) Poncho 600 FS - Magnitude of the Residue in Soybeans (Rotational Crop Tolerance 30-Day PBI). Project Number: M/304695/01/1, RATIY011, TI003/05R. Unpublished study prepared by Bayer CropScience. 227 p. |
| 49073651 | Vogeler, K.; Linke-Ritzer, P. (1990) Investigation of the Residual Behaviour of NTN 33893 in Rotational Crops. Project Number: M/024392/01/3, PF3425, 30/90. Unpublished study prepared by Bayer AG. 66p. |

**870.1000       Acute toxicity testing--background**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 49148501 | Choi, B. (2012) Clothianidin Technical: A 7-Day Inhalation Toxicity Study in Sprague-Dawley Rats. Project Number: 75319. Unpublished study prepared by ITR Laboratories Canada. 236p. |
| 49148502 | Choi, B. (2012) Clothianidin Technical: A Technical Validation of Aerosol Generation Conditions to Support 7-Day and 28-Day Inhalation Toxicity Studies in Sprague-Dawley Rats. Project Number: 40663. Unpublished study prepared by ITR Laboratories. 28p. |
| 49148503 | Choi, B. (2012) Final Report Amendment No. 1; Clothianidin Technical: A 28-Day Inhalation Toxicity Study in Sprague-Dawley. Project Number: 75307. Unpublished study prepared by ITR Laboratories. 406p. |

**870.1100       Acute oral toxicity**

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| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46482302 | Schungel, M. (2005) Chothianidinan and Imidacloprid Combo 600 FS (Cotton ST): Acute Toxicity in the Rat After Oral Administration. Project Number: AT01803, T/1074901. Unpublished study prepared by Bayer Ag Inst. of Toxicology. 26 p. |
| 46853902 | Moore, G. (2004) GUS 7082-00 (Flint-Clothianidin (400 g Clothianidin/100 kg)): Acute Oral Toxicity Up and Down Procedure in Rats. Project Number: 15567, P320/UDP. Unpublished study prepared by Product Safety Laboratories. 15 p. |
| 47007802 | Krotlinger, F. (2002) Study for Acute Oral Toxicity in Rats: Cyfluthrin and Clothianidin. Project Number: T9071461, 217/333, PH/32015. Unpublished study prepared by Bayer Ag Inst. of Toxicology. 30 p. |
| 47096005 | Durando, J. (2007) ARY044415 SC: Acute Oral Toxicity Up and Down Procedure in Rats. Project Number: 21444, P320/UDP. Unpublished study prepared by Product Safety Laboratories. 15 p. |
| 47096011 | Durando, J. (2007) ARY044416 G: Acute Oral Toxicity Up and Down Procedure in Rats. Project Number: 221443, P320/UDP. Unpublished study prepared by Product Safety Laboratories. 14 p. |
| 47177403 | Rodabaugh, D. (2007) An Acute Oral Toxicity Study in Rats with V-10170 5 FS (VC-1667) (Up/Down Study Design). Project Number: ODV00048, VP/31349. Unpublished study prepared by Charles River Laboratories, Inc. 62 p. |
| 47177404 | Creek, M. (2007) Justification for Bridging Acute Toxicity Data from Studies Conducted with V-10170 5 FS to V-10170 2.13C. Project Number: MRC/2007/004, 200700262. Unpublished study prepared by Valent U.S.A. Corporation. 4 p. |
| 47437902 | Durando, J. (2008) Acute Oral Toxicity Up and Down Procedure in Rats: Clothianidin + Ipconazole + Metalaxyl 480 FS. Project Number: P320/UDP, 24502, 080311/6H. Unpublished study prepared by Product Safety Laboratories. 16 p. |
| 47483025 | Moore, G. (2008) Acute Oral Toxicity Up and Down Procedure in Rats: Clothianidin+Imidacloprid WS 56.25+18.75 Percent (Also CLO:IMD 75WS or Sepresto 75WS). Project Number: M/301714/01/1, 24696, P320/UDP. Unpublished study prepared by Product Safety Laboratories. 16 p. |
| 47483303 | Durando, J. (2008) Acute Oral Toxicity Up and Down Procedure in Rats: Proceed w CTD. Project Number: 24806, P320/UDP, M/302532/01/1. Unpublished study prepared by Product Safety Laboratories. 14 p. |
| 47662002 | Moore, G. (2008) Acute Oral Toxicity Up and Down Procedure in Rats: Flower, Rose & Shrub Care II. Project Number: 25124, P320/UDP. Unpublished study prepared by Eurofins-Product Safety Laboratories. 14 p. |
| 47662302 | Sargent, D. (2009) Bridging Rationale for Acute Toxicity Studies for Flower, Rose and Shrub Care III. Project Number: BA09/DS/02, BA09/DS/02A. Unpublished study prepared by Bayer CropScience. 11 p. |
| 47835901 | Oley, S. (2009) L1902: Acute Oral Toxicity Up and Down Procedure in Rats. Project Number: M/354223/01/1, 27555, P320/UDP. Unpublished study prepared by Eurofins/Product Safety Laboratories. 14 p. |
| 48024202 | Gillissen, U. (2009) BYF 14182 + Clothianidin + Metalaxyl + Trifloxystrobin FS 10,7+290+7,15+7,15: Acute Toxicity in the Rat After Oral Administration. Project Number: M/356568/01/2, AT05522, M/356568/01/2/OCR. Unpublished study prepared by Bayer Schering Pharma AG. 31 p. |
| 48024602 | Gillissen, U. (2010) BYF 14182 + Clothianidin FS 66.5+207 g/L: Acute Toxicity in the Rat After Oral Administration. Project Number: M/362454/01/2, AT05725, M/362454/01/2/OCR. Unpublished study prepared by Bayer Schering Pharma AG. 29 p. |
| 48311201 | Creek, M. (2010) Acute Toxicity Waiver Request: INOVATE Seed Protectant. Project Number: 201000292, VP/37699. Unpublished study prepared by Valent BioSciences Corporation. 5 p. |
| 48505203 | Lowe, C. (2011) NipsIt SUITE Cereals of Seed Protectant: Acute Oral Toxicity Up and Down Procedure in Rats. Project Number: 31844, 37911, 201100144. Unpublished study prepared by Eurofins/Product Safety Laboratories. 29 p. |
| 48531803 | Lowe, C. (2010) Acute Oral Toxicity Up and Down Procedure in Rats. Project Number: 201000229, 29231, VP/36311. Unpublished study prepared by Eurofins/Product Safety Laboratories. 29 p. |
| 48596302 | Rupprecht, K. (2011) Acute Toxicity of Poncho Votivo Alternative Formulation and Precautionary Label Language Based on Extrapolated Data. Project Number: US0229/OCR M/413757/01/1. Unpublished study prepared by Bayer CropScience. 14p. |
| 48677204 | Lowe, C. (2011) VB3C Concentrate: Acute Oral Toxicity Up and Down Procedure in Rats. Project Number: 32281 VBC/58215 P320/UDP. Unpublished study prepared by Eurofins/Product Safety Laboratories. 28p. |
| 48720705 | Creek, M. (2013) Acute Toxicity Waiver Request: Inovate Pro. Project Number: VP/38380. Unpublished study prepared by Valent U.S.A. Corporation. 4p. |
| 48875704 | Moon, S. (2009) Acute Oral Toxicity Study of Clothianidin Microcapsule in Rats (Acute Toxic Class Method). Project Number: J09323. Unpublished study prepared by Biotoxtech Co., Ltd. 29p. |
| 49072103 | McKenzie, A. (2013) BES 0600 Insecticide: Acute Oral Toxicity Up and Down Procedure in Rats. Project Number: M/445815/02/1/OCR, 35408, P320/UDP. Unpublished study prepared by Product Safety Laboratories. 17p. |
| 49372007 | Charlton, R. (2014) INTEGO SUITE Neutral Seed Protectant: Waiver Request for Acute Toxicity Studies. Project Number: 201400119, VP/38869. Unpublished study prepared by Valent U.S.A. Corporation. 9p. |
| 49447703 | Charlton, R. (2014) INTEGO SUITE Seed Protectant: Waiver Request for Acute Toxicity Studies. Project Number: 201400215, VP/38918. Unpublished study prepared by Valent U.S.A. Corporation. 10p. |
| 49447801 | Lowe, C. (2014) INTEGO SUITE Neutral Seed Protectant (VC-1960): Acute Oral Toxicity - Up-And-Down Procedure in Rats. Project Number: 39511, P320/UDP, 140905/1D. Unpublished study prepared by Product Safety Laboratories. 30p. |
| 49561604 | Durando, J. (2015) MGK Formula 3113: Acute Oral Toxicity - Up-And-Down Procedure in Rats. Project Number: 40580, P320/UDP. Unpublished study prepared by Product Safety Laboratories. 15p. |
| 49705703 | Lowe, C. (2016) V-10403: Acute Oral Toxicity - Up-And-Down Procedure in Rats. Project Number: 201600006, 42009, P320/UDP. Unpublished study prepared by Product Safety Laboratories. 28p. |
| 49787904 | Lennan, T. (2015) Composition of Acute Toxicity Test Material: MGK Formula 3112. Project Number: MGK/REG/286. Unpublished study prepared by McLaughlin Gormley King Company. 8p. |
| 49787905 | Lowe, C. (2015) MGK F-3112: Acute Oral Toxicity - Up-and-Down Procedure in Rats. Project Number: 40731, P320/UDP. Unpublished study prepared by Product Safety Laboratories. 15p. |
| 50285003 | Lowe, C. (2016) MGK F-3129: Acute Oral Toxicity - Up-And-Down Procedure in Rats. Project Number: 44225, P320/UDP, 161012/1D. Unpublished study prepared by Product Safety Labs. 15p. |
| 50312601 | Lowe, C. (2017) V-10395: Acute Oral Toxicity - Up-And-Down Procedure in Rats. Project Number: 201700274, VP/41025, P320/UDP. Unpublished study prepared by Product Safety Labs. 28p. |
| 50604204 | Slonina, M. (2018) MGK Formula 3144 Revision 1: Acute Oral Toxicity - Up-and-Down Procedure in Rats. Project Number: 47690, P320/UDP. Unpublished study prepared by Product Safety Laboratories. 15p. |
| 50712904 | Durando, J. (2020) V-10503 FS: Acute Oral Toxicity - Up-And-Down Procedure in Rats. Project Number: 52751. Unpublished study prepared by Product Safety Laboratories. 35p. |
| 50713301 | Durando, J. (2020) Nipsit INSIDE Insecticide: Acute Oral Toxicity - Up and Down Procedure in Rats. Project Number: 52305. Unpublished study prepared by Product Safety Laboratories. 31p. |
| 50910801 | Durando, J. (2019) BAS 499 00 I: Acute Oral Toxicity: Acute Toxic Class Method in Rats. Project Number: 10A0049/19X023, P320/BASF/ATCM, 2019/2042445. Unpublished study prepared by Product Safety Laboratories. 19p. |
| 51243906 | Veepuri, M. (2017) Clothianidin 98% TC: Acute Oral Toxicity Study in Female Wistar Rats. Project Number: 17304. Unpublished study prepared by Palamur Biosciences Private Limited. 83p. |
| 51255104 | Durando, J. (2020) MGK Formula 3096 Revision 2: Acute Oral Toxicity- Up- and-Down Procedure in Rats. Project Number: 52657, P320/UDP. Unpublished study prepared by Product Safety Laboratories. 19p. |

**870.1200       Acute dermal toxicity**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46482303 | Schungel, M. (2005) Chlothianidin and Imidacloprid Combo 600 FS (Cotton ST): Acute Toxicity in the Rat After Dermal Application. Project Number: AT01804, T/2074902. Unpublished study prepared by Bayer Ag Inst. of Toxicology. 26 p. |
| 46853903 | Moore, G. (2004) GUS 7082-00 (Flint-Clothianidin (400 g Clothianidin/100 kg)): Acute Dermal Toxicity Study in Rats - Limit Test. Project Number: 15572, P322. Unpublished study prepared by Product Safety Laboratories. 15 p. |
| 47007803 | Krotlinger, F. (2002) Study for Acute Dermal Toxicity in Rats: (beta-Cyfluthrin and Clothianidin). Project Number: T0071462, PH/32043. Unpublished study prepared by Bayer Ag Inst. of Toxicology. 26 p. |
| 47096006 | Durando, J. (2007) ARY044415 SC: Acute Dermal Toxicity Study in Rats - Limit Test. Project Number: 21445, P322/RAT. Unpublished study prepared by Product Safety Laboratories. 14 p. |
| 47096012 | Durando, J. (2007) ARY044416 G: Acute Dermal Toxicity Study in Rats - Limit Test. Project Number: 21535, P322/RAT. Unpublished study prepared by Product Safety Laboratories. 14 p. |
| 47177404 | Creek, M. (2007) Justification for Bridging Acute Toxicity Data from Studies Conducted with V-10170 5 FS to V-10170 2.13C. Project Number: MRC/2007/004, 200700262. Unpublished study prepared by Valent U.S.A. Corporation. 4 p. |
| 47177405 | Rodabaugh, D. (2007) An Acute Dermal Toxicity Study in Rats with V-10170 5 FS (VC-1667). Project Number: ODV00049, VP/31359, 200700256. Unpublished study prepared by Charles River Laboratories, Inc. 54 p. |
| 47437903 | Durando, J. (2008) Acute Dermal Toxicity Study in Rats - Limit Test: Clothianidin + Ipconazole + Metalaxyl 480 FS. Project Number: 24503, P322/RAT, 080311/6H. Unpublished study prepared by Product Safety Laboratories. 15 p. |
| 47483026 | Gillissen, U. (2007) Clothianidin + Imidacloprid WS 75 (56.25+18.75) W - Acute Toxicity in the Rat after Dermal Application. Project Number: M/292803/01/2, AT04102, T/7077968. Unpublished study prepared by Bayer HealthCare AG. 30 p. |
| 47483304 | Durando, J. (2008) Acute Dermal Toxicity Study in Rats - Limit Test: Proceed w CTD. Project Number: 24807, P322/RAT. Unpublished study prepared by Product Safety Laboratories. 14 p. |
| 47662003 | Moore, G. (2008) Acute Dermal Toxicity Study in Rats - Limit Test: Flower, Rose & Shrub Care II. Project Number: 25125, P322/RAT. Unpublished study prepared by Eurofins-Product Safety Laboratories. 14 p. |
| 47662302 | Sargent, D. (2009) Bridging Rationale for Acute Toxicity Studies for Flower, Rose and Shrub Care III. Project Number: BA09/DS/02, BA09/DS/02A. Unpublished study prepared by Bayer CropScience. 11 p. |
| 47835902 | Oley, S. (2009) L1902: Acute Dermal Toxicity Study in Rats - Limit Test. Project Number: M/354225/01/1, 27556, P322/RAT. Unpublished study prepared by Eurofins/Product Safety Laboratories. 14 p. |
| 48024203 | Gillissen, U. (2009) BYF 14182 + Clothianindin + Metalaxyl + Trifloxstrobin FS 10,7+290+7,15+7,15: Acute Toxicity in the Rat After Dermal Application. Project Number: M/356572/01/2, AT05523, T/4080934. Unpublished study prepared by Bayer Schering Pharma AG. 32 p. |
| 48024603 | Gillissen, U. (2010) BYF 14182 + Clothianidin FS 66.5+207 g/L - Acute Toxicity in the Rat After Dermal Application. Project Number: M/362456/01/2, AT05726, M/362456/01/2/OCR. Unpublished study prepared by Bayer Schering Pharma AG. 31 p. |
| 48311201 | Creek, M. (2010) Acute Toxicity Waiver Request: INOVATE Seed Protectant. Project Number: 201000292, VP/37699. Unpublished study prepared by Valent BioSciences Corporation. 5 p. |
| 48505204 | Lowe, C. (2011) NipsIt SUITE Cereals of Seed Protectant: Acute Dermal Toxicity Study in Rats. Project Number: 31845, 37913, 201100145. Unpublished study prepared by Eurofins/Product Safety Laboratories. 26 p. |
| 48531804 | Lowe, C. (2010) Acute Dermal Toxicity Study in Rats - Limit Test. Project Number: 201000230, 29232, VP/37313. Unpublished study prepared by Eurofins/Product Safety Laboratories. 28 p. |
| 48596302 | Rupprecht, K. (2011) Acute Toxicity of Poncho Votivo Alternative Formulation and Precautionary Label Language Based on Extrapolated Data. Project Number: US0229/OCR M/413757/01/1. Unpublished study prepared by Bayer CropScience. 14p. |
| 48677205 | Lowe, C. (2011) VB3C Concentrate: Acute Dermal Toxicity Study in Rats. Project Number: VBC/58216 32282 P322/RAT. Unpublished study prepared by Eurofins/Product Safety Laboratories. 26p. |
| 48720705 | Creek, M. (2013) Acute Toxicity Waiver Request: Inovate Pro. Project Number: VP/38380. Unpublished study prepared by Valent U.S.A. Corporation. 4p. |
| 48875705 | Moon, S. (2009) Acute Dermal Toxicity Study of Clothianidin Microcapsule in Rats. Project Number: J09324. Unpublished study prepared by Biotoxtech Co., Ltd. 32p. |
| 49072104 | McKenzie, A. (2013) BES0600 Insecticide: Acute Dermal Toxicity Study in Rats. Project Number: M/445818/02/1OCR, 35409, P322/RAT. Unpublished study prepared by Product Safety Laboratories. 16p. |
| 49372007 | Charlton, R. (2014) INTEGO SUITE Neutral Seed Protectant: Waiver Request for Acute Toxicity Studies. Project Number: 201400119, VP/38869. Unpublished study prepared by Valent U.S.A. Corporation. 9p. |
| 49447703 | Charlton, R. (2014) INTEGO SUITE Seed Protectant: Waiver Request for Acute Toxicity Studies. Project Number: 201400215, VP/38918. Unpublished study prepared by Valent U.S.A. Corporation. 10p. |
| 49447802 | Lowe, C. (2014) INTEGO SUITE Neutral Seed Protectant (VC-1960): Acute Dermal Toxicity in Rats. Project Number: 39512, P322/RAT, 140905/1D. Unpublished study prepared by Product Safety Laboratories. 27p. |
| 49561605 | Durando, J. (2015) MGK Formula 3113: Acute Dermal Toxicity in Rats. Project Number: 40581, P322/RAT. Unpublished study prepared by Product Safety Laboratories. 15p. |
| 49705704 | Lowe, C. (2016) V-10403: Acute Dermal Toxicity in Rats. Project Number: 201600007, 42010, P322/RAT. Unpublished study prepared by Product Safety Laboratories. 27p. |
| 49787904 | Lennan, T. (2015) Composition of Acute Toxicity Test Material: MGK Formula 3112. Project Number: MGK/REG/286. Unpublished study prepared by McLaughlin Gormley King Company. 8p. |
| 49787906 | Lowe, C. (2015) MGK F-3112: Acute Dermal Toxicity in Rats. Project Number: 40372, P322/RAT. Unpublished study prepared by Product Safety Laboratories. 15p. |
| 50285004 | Lowe, C. (2016) MGK Formula 3129: Acute Dermal Toxicity in Rats. Project Number: 44226, P322/RAT, 161012/1D. Unpublished study prepared by Product Safety Labs. 15p. |
| 50312602 | Lowe, C. (2017) V-10395: Acute Dermal Toxicity in Rats. Project Number: 201700275, VP/1026, P322/RAT. Unpublished study prepared by Product Safety Labs. 27p. |
| 50604205 | Slonina, M. (2018) MGK Formula 3144 Revision 1: Acute Dermal Toxicity in Rats. Project Number: 47691, P322/RAT. Unpublished study prepared by Product Safety Laboratories. 16p. |
| 50712905 | Durando, J. (2020) V-10503 FS: Acute Dermal Toxicity In Rats. Project Number: 52752. Unpublished study prepared by Product Safety Laboratories. 29p. |
| 50713302 | Durando, J. (2020) Nipsit INSIDE Insecticide: Acute Dermal Toxicity in Rats. Project Number: 52306. Unpublished study prepared by Product Safety Laboratories. 27p. |
| 50910802 | Durando, J. (2019) BAS 499 00 I: Acute Dermal Toxicity in Rats. Project Number: 11A0049/19X024, P322/BASF/RAT, 2019/2042446. Unpublished study prepared by Product Safety Laboratories. 22p. |
| 51243907 | Veepuri, M. (2017) Clothianidin 98% TC: Acute Dermal Toxicity Study in Wistar Rats. Project Number: 17304. Unpublished study prepared by Palamur Biosciences Private Limited. 29p. |
| 51255105 | Durando, J. (2020) MGK Formula 3096 Revision 2: Acute Dermal Toxicity in Rats. Project Number: 52658, P322/RAT. Unpublished study prepared by Product Safety Laboratories. 15p. |

**870.1300       Acute inhalation toxicity**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46482304 | Pauluhn, J. (2005) Chlothianidin and Imidacloprid Compo 600 FS (Cotton ST): Acute Inhalation Toxicity in Rats. Project Number: T4073338. Unpublished study prepared by Bayer Ag Inst. of Toxicology. 74 p. |
| 46853904 | Moore, G. (2004) GUS 7082-00 (Flint-Clothianidin (400 g Clothianidin/100 kg)): Acute Inhalation Toxicity Study in Rats - Limit Test. Project Number: 15568, P330. Unpublished study prepared by Product Safety Laboratories. 23 p. |
| 47007804 | Pauluhn, J. (2002) Study on Acute Inhalation Toxicity in Rats According to OECD No 403: (beta-Cyfluthrin and Clothianidin). Project Number: 32147, T5071467, 217/333. Unpublished study prepared by Bayer Ag Inst. of Toxicology. 75 p. |
| 47096007 | Durando, J. (2007) ARY044415 SC: Acute Inhalation Toxicity in Rats - Defined LC(50). Project Number: 21446, P330. Unpublished study prepared by Product Safety Laboratories. 35 p. |
| 47096013 | Durando, J. (2007) ARY044416 G: Acute Inhalation Toxicity Study in Rats - Limit Test. Project Number: 21536, P330. Unpublished study prepared by Product Safety Laboratories. 22 p. |
| 47177404 | Creek, M. (2007) Justification for Bridging Acute Toxicity Data from Studies Conducted with V-10170 5 FS to V-10170 2.13C. Project Number: MRC/2007/004, 200700262. Unpublished study prepared by Valent U.S.A. Corporation. 4 p. |
| 47177406 | Rodabaugh, D. (2007) An Acute Nose-Only Inhalation Toxicity Study in Rats with V-10170 5 FS (VC-1667). Project Number: 200700260, ODV00050, VP/31362. Unpublished study prepared by Charles River Laboratories, Inc. 73 p. |
| 47437904 | Durando, J. (2008) Acute Inhalation Toxicity Study in Rats - Limit Test: Clothianidin + Ipconazole + Metalaxyl 480 FS. Project Number: 24504, P330, 080311/6H. Unpublished study prepared by Product Safety Laboratories. 23 p. |
| 47483027 | Folkerts, A. (2007) Clothianidin + Imidacloprid WS 75 (56.25+18.75) W - Acute Inhalation Toxicity in Rats. Project Number: M/294053/01/2, AT04206, T1077511. Unpublished study prepared by Bayer HealthCare AG. 71 p. |
| 47483305 | Durando, J. (2008) Acute Inhalation Toxicity Study in Rats: Proceed w CTD. Project Number: 24808, P330, M/302535/01/1. Unpublished study prepared by Product Safety Laboratories. 22 p. |
| 47662004 | Moore, G. (2008) Acute Inhalation Toxicity Study in Rats - Limit Test: Flower, Rose & Shrub Care II. Project Number: 25126, P330. Unpublished study prepared by Eurofins-Product Safety Laboratories. 22 p. |
| 47662302 | Sargent, D. (2009) Bridging Rationale for Acute Toxicity Studies for Flower, Rose and Shrub Care III. Project Number: BA09/DS/02, BA09/DS/02A. Unpublished study prepared by Bayer CropScience. 11 p. |
| 47835903 | Oley, S. (2009) L1902: Acute Inhalation Toxicity Study in Rats. Project Number: M/354226/01/1, 27557, P330. Unpublished study prepared by Eurofins/Product Safety Laboratories. 24 p. |
| 48024204 | Gillissen, U. (2009) BYF 14182 + Clothianidin + Metalaxyl + Trifloxystrobin FS 10.7+290+7.15+7.15: Acute Inhalation Toxicity in Rats. Project Number: M/359729/01/2, AT05624, TXELP103. Unpublished study prepared by Bayer Schering Pharma AG. 73 p. |
| 48024604 | Folkerts, A. (2010) BYF 14182 + Clothianidin FS 66.5+207 g/L: Activity ID TXELP058: Acute Inhalation Toxicity in Rats. Project Number: M/362603/01/2, AT05746, T2080842. Unpublished study prepared by Bayer Schering Pharma AG. 76 p. |
| 48311201 | Creek, M. (2010) Acute Toxicity Waiver Request: INOVATE Seed Protectant. Project Number: 201000292, VP/37699. Unpublished study prepared by Valent BioSciences Corporation. 5 p. |
| 48505205 | Lowe, C. (2011) NipsIt SUITE Cereals of Seed Protectant: Acute Inhalation Toxicity Study in Rats. Project Number: 201100146, 31846, 37915. Unpublished study prepared by Eurofins/Product Safety Laboratories. 36 p. |
| 48531805 | Lowe, C. (2010) Acute Inhalation Toxicity Study in Rats - Limit Test. Project Number: 29233, VP/37315, 201000231. Unpublished study prepared by Eurofins/Product Safety Laboratories. 38 p. |
| 48596302 | Rupprecht, K. (2011) Acute Toxicity of Poncho Votivo Alternative Formulation and Precautionary Label Language Based on Extrapolated Data. Project Number: US0229/OCR M/413757/01/1. Unpublished study prepared by Bayer CropScience. 14p. |
| 48677206 | Lowe, C. (2011) VB3C Concentrate: Acute Inhalation Toxicity Study in Rats. Project Number: 32283 VBC/58217 P330. Unpublished study prepared by Eurofins/Product Safety Laboratories. 37p. |
| 48720705 | Creek, M. (2013) Acute Toxicity Waiver Request: Inovate Pro. Project Number: VP/38380. Unpublished study prepared by Valent U.S.A. Corporation. 4p. |
| 48875706 | Assaf, N. (2012) Acute Inhalation Toxicity Waiver Request for Clothianidin 7.5 MC. Project Number: VBC/ESD/6/2012. Unpublished study prepared by Valent BioSciences Co. 4p. |
| 49372007 | Charlton, R. (2014) INTEGO SUITE Neutral Seed Protectant: Waiver Request for Acute Toxicity Studies. Project Number: 201400119, VP/38869. Unpublished study prepared by Valent U.S.A. Corporation. 9p. |
| 49447703 | Charlton, R. (2014) INTEGO SUITE Seed Protectant: Waiver Request for Acute Toxicity Studies. Project Number: 201400215, VP/38918. Unpublished study prepared by Valent U.S.A. Corporation. 10p. |
| 49447803 | Lowe, C. (2014) INTEGO SUITE Neutral Seed Protectant (VC-1960): Acute Inhalation Toxicity in Rats. Project Number: 201400222, 39513, P330. Unpublished study prepared by Product Safety Laboratories. 37p. |
| 49561606 | Lennan, T. (2015) Acute Inhalation Toxicity Waiver Request for MGK(R) Formula 3113. Project Number: MGK/REG/255. Unpublished study prepared by McLaughlin Gormley King Company. 5p. |
| 49705705 | Lowe, C. (2016) V-10403: Acute Inhalation Toxicity in Rats. Project Number: 201600008, 42011, P330. Unpublished study prepared by Product Safety Laboratories. 39p. |
| 49787904 | Lennan, T. (2015) Composition of Acute Toxicity Test Material: MGK Formula 3112. Project Number: MGK/REG/286. Unpublished study prepared by McLaughlin Gormley King Company. 8p. |
| 49787907 | Lowe, C. (2015) MGK F-3112: Acute Inhalation Toxicity in Rats. Project Number: 40373, P330. Unpublished study prepared by Product Safety Laboratories. 25p. |
| 50285005 | Lennan, T. (2017) Acute Inhalation Toxicity Waiver Request for MGK Formula 3129. Project Number: MGK/REG/310. Unpublished study prepared by McLaughlin Gormley King Company. 5p. |
| 50312604 | Lowe, C. (2017) V-10395: Acute Inhalation Toxicity in Rats. Project Number: 201700277, VP/41027, P330. Unpublished study prepared by Product Safety Labs. 40p. |
| 50604206 | Slonina, M. (2018) MGK Formula 3144 Revision 1: Acute Inhalation Toxicity in Rats. Project Number: 47692, P330. Unpublished study prepared by Product Safety Laboratories. 27p. |
| 50712906 | Durando, J. (2020) V-10503 FS: Acute Inhalation Toxicity in Rats. Project Number: 52753. Unpublished study prepared by Product Safety Laboratories. 42p. |
| 50713303 | Durando, J. (2020) Nipsit INSIDE Insecticide: Acute Inhalation Toxicity in Rats. Project Number: 52307. Unpublished study prepared by Product Safety Laboratories. 53p. |
| 50910803 | Durando, J. (2019) BAS 499 00 I: Acute Inhalation Toxicity in Rats. Project Number: 13I0049/19X028, P330/BASF, 2019/2042695. Unpublished study prepared by Product Safety Laboratories. 54p. |
| 51243908 | Patil, S. (2017) Clothianidin 98% TC: Acute Inhalation Toxicity Study in Wistar Rats. Project Number: 17309. Unpublished study prepared by Palamur Biosciences Private Limited. 81p. |
| 51255106 | Durando, J. (2020) MGK Formula 3096 Revision 2: Acute Inhalation Toxicity in Rats. Project Number: 52659, P330. Unpublished study prepared by Product Safety Laboratories. 33p. |

**870.2400       Acute eye irritation**

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| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46482305 | Schungel, M. (2005) Chlothianidin and Imidacloprid Combo 600 FS (Cotton ST): Acute Eye Irritation on Rabbits. Project Number: AT01779, T/5074419. Unpublished study prepared by Bayer Ag Inst. of Toxicology. 22 p. |
| 46853905 | Moore, G. (2004) GUS 7082-00 (Flint-Clothianidin (400 g Clothianidin/100 kg)): Primary Eye Irritation Study in Rabbits. Project Number: 15569, P324. Unpublished study prepared by Product Safety Laboratories. 18 p. |
| 47007805 | Leuschner, J. (2002) Acute Eye Irritation Study of FCR 4545 53, 3 FS and TI 0435 400 By Instillation into the Conjunctival Sac of Rabbits. Project Number: R8159A, 9301/544/95, T/5070892. Unpublished study prepared by Laboratorium fuer Pharmakologie und Tox. 29 p. |
| 47096008 | Durando, J. (2007) ARY044415 SC: Primary Eye Irritation Study in Rabbits. Project Number: 21447, P324. Unpublished study prepared by Product Safety Laboratories. 14 p. |
| 47096014 | Durando, J. (2007) ARY044416 G: Primary Eye Irritation Study in Rabbits. Project Number: 21537, P324. Unpublished study prepared by Product Safety Laboratories. 14 p. |
| 47177404 | Creek, M. (2007) Justification for Bridging Acute Toxicity Data from Studies Conducted with V-10170 5 FS to V-10170 2.13C. Project Number: MRC/2007/004, 200700262. Unpublished study prepared by Valent U.S.A. Corporation. 4 p. |
| 47177407 | Rodabaugh, D. (2007) A Primary Eye Irritation Study in Rabbits with V-10170 5 FS (VC-1667). Project Number: 200700257, ODV00051, VP/31375. Unpublished study prepared by Charles River Laboratories, Inc. 43 p. |
| 47206502 | Durando, J. (2006) Insecticide TD Concentrate: Primary Eye Irritation Study in Rabbits. Project Number: 20434, P324. Unpublished study prepared by Product Safety Laboratories. 15 p. |
| 47437905 | Durando, J. (2008) Primary Eye Irritation Study in Rabbits: Clothianidin + Ipconazole + Metalaxyl 480 FS. Project Number: 24505, P324, 080311/6H. Unpublished study prepared by Product Safety Laboratories. 16 p. |
| 47483028 | Gmelin, C. (2007) Clothianidin + Imidacloprid WS 75 (56.25+18.75) W - Acute Eye Irritation on Rabbits. Project Number: M/292824/01/2, AT04106, T/5077920. Unpublished study prepared by Bayer HealthCare AG. 25 p. |
| 47483306 | Durando, J. (2008) Primary Eye Irritation Study in Rabbits - Proceed w CTD. Project Number: 24809, P324, M/302536/01/1. Unpublished study prepared by Product Safety Laboratories. 17 p. |
| 47662005 | Moore, G. (2008) Primary Eye Irritation Study in Rabbits: Flower, Rose & Shrub Care II. Project Number: 25127, P324. Unpublished study prepared by Eurofins-Product Safety Laboratories. 17 p. |
| 47662302 | Sargent, D. (2009) Bridging Rationale for Acute Toxicity Studies for Flower, Rose and Shrub Care III. Project Number: BA09/DS/02, BA09/DS/02A. Unpublished study prepared by Bayer CropScience. 11 p. |
| 47835904 | Oley, S. (2009) L1902: Primary Eye Irritation Study in Rabbits. Project Number: M/354228/01/1, 27558, P324. Unpublished study prepared by Eurofins/Product Safety Laboratories. 17 p. |
| 48024205 | Gmelin, C. (2009) BYF 14182 + Clothianidin + Metalaxyl + Trifloxystrobin FS 10,7+290+7,15+7,15: Acute Eye Irritation on Rabbits. Project Number: M/359654/01/2, AT05589, T4080501. Unpublished study prepared by Bayer Schering Pharma AG. 27 p. |
| 48024605 | Gmelin, C. (2010) BYF 14182 + Clothianidin FS 66.5+207 g/L: Acute Eye Irritation on Rabbits. Project Number: M/362457/01/2, AT05732, M/362457/01/2/OCR. Unpublished study prepared by Bayer Schering Pharma AG. 24 p. |
| 48311201 | Creek, M. (2010) Acute Toxicity Waiver Request: INOVATE Seed Protectant. Project Number: 201000292, VP/37699. Unpublished study prepared by Valent BioSciences Corporation. 5 p. |
| 48505206 | Lowe, C. (2011) NipsIt SUITE Cereals of Seed Protectant: Primary Eye Irritation Study in Rabbits. Project Number: 201100147, 31847, 37917. Unpublished study prepared by Eurofins/Product Safety Laboratories. 29 p. |
| 48531806 | Lowe, C. (2010) Primary Eye Irritation Study in Rabbits. Project Number: 201000232, 29234VP/37318. Unpublished study prepared by Eurofins/Product Safety Laboratories. 30 p. |
| 48596302 | Rupprecht, K. (2011) Acute Toxicity of Poncho Votivo Alternative Formulation and Precautionary Label Language Based on Extrapolated Data. Project Number: US0229/OCR M/413757/01/1. Unpublished study prepared by Bayer CropScience. 14p. |
| 48677207 | Lowe, C. (2011) VB3C Concentrate: Primary Eye Irritation Study in Rabbits. Project Number: 32284 VBC/58218 P324. Unpublished study prepared by Eurofins/Product Safety Laboratories. 29p. |
| 48720705 | Creek, M. (2013) Acute Toxicity Waiver Request: Inovate Pro. Project Number: VP/38380. Unpublished study prepared by Valent U.S.A. Corporation. 4p. |
| 48875707 | Kim, Y. (2009) Eye Irritation Study of Clothianidin Microcapsule in Rabbits. Project Number: J09325. Unpublished study prepared by Biotoxtech Co., Ltd. 35p. |
| 48998604 | McKenzie, A. (2012) VBC3 Aerosol: Primary Eye Irritation Study in Rabbits. Project Number: 35002, VBC/58249, P324. Unpublished study prepared by Product Safety Laboratories. 28p. |
| 49072105 | McKenzie, A. (2013) BES0600 Insecticide: Primary Eye Irritation Study in Rabbits. Project Number: M/445819/02/1/OCR, 35410, P324. Unpublished study prepared by Product Safety Laboratories. 16p. |
| 49372007 | Charlton, R. (2014) INTEGO SUITE Neutral Seed Protectant: Waiver Request for Acute Toxicity Studies. Project Number: 201400119, VP/38869. Unpublished study prepared by Valent U.S.A. Corporation. 9p. |
| 49447703 | Charlton, R. (2014) INTEGO SUITE Seed Protectant: Waiver Request for Acute Toxicity Studies. Project Number: 201400215, VP/38918. Unpublished study prepared by Valent U.S.A. Corporation. 10p. |
| 49447804 | Lowe, C. (2014) INTEGO SUITE Neutral Seed Protectant (VC-1960): Primary Eye Irritation in Rabbits. Project Number: 201400217, VP/38899, P324. Unpublished study prepared by Product Safety Laboratories. 31p. |
| 49561607 | Durando, J. (2015) MGK Formula 3113: Primary Eye Irritation in Rabbits. Project Number: 40582, P324. Unpublished study prepared by Product Safety Laboratories. 18p. |
| 49705706 | Lowe, C. (2016) V-10403: Primary Eye Irritation in Rabbits. Project Number: 201600009, 42012, P324. Unpublished study prepared by Product Safety Laboratories. 34p. |
| 49787904 | Lennan, T. (2015) Composition of Acute Toxicity Test Material: MGK Formula 3112. Project Number: MGK/REG/286. Unpublished study prepared by McLaughlin Gormley King Company. 8p. |
| 49787908 | Lowe, C. (2015) MGK F-3112: Primary Eye Irritation in Rabbits. Project Number: 40374, P324. Unpublished study prepared by Product Safety Laboratories. 17p. |
| 50285006 | Lowe, C. (2016) MGK Formula 3129: Primary Eye Irritation in Rabbits. Project Number: 44227, P324, 161012/1D. Unpublished study prepared by Product Safety Labs. 18p. |
| 50312605 | Lowe, C. (2017) V-10395: Primary Eye Irritation in Rabbits. Project Number: 201700278, VP/41028, P324. Unpublished study prepared by Product Safety Labs. 34p. |
| 50604207 | Slonina, M. (2018) MGK Formula 3144 Revision 1: Primary Eye Irritation in Rabbits. Project Number: 47693, P324. Unpublished study prepared by Product Safety Laboratories. 20p. |
| 50712907 | Durando, J. (2020) V-10503 FS: Primary Eye Irritation in Rabbits. Project Number: 52754. Unpublished study prepared by Product Safety Laboratories. 34p. |
| 50713304 | Durando, J. (2020) Nipsit INSIDE Insecticide: Primary Eye Irritation in Rabbits. Project Number: 52308. Unpublished study prepared by Product Safety Laboratories. 33p. |
| 50910804 | Durando, J. (2019) BAS 499 00 I: Primary Eye Irritation in Rabbits. Project Number: 11H0049/19X025, P324/BASF, 2019/2041831. Unpublished study prepared by Product Safety Laboratories. 20p. |
| 51255107 | Durando, J. (2020) MGK Formula 3096 Revision 2: Primary Eye Irritation in Rabbits. Project Number: 52660, P324. Unpublished study prepared by Product Safety Laboratories. 18p. |
| 51300604 | Ellis, M. (2020) MGK Formula 31761: Primary Eye Irritation in Rabbits. Project Number: 53133. Unpublished Study Prepared by Product Safety Labs. 18p. |

**870.2500       Acute dermal irritation**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46482306 | Schungel, M. (2005) Chlothianidin and Imidacloprid Combo 600 FS (Cotton ST): Acute Skin Irritation/Corrosion on Rabbits. Project Number: AT01755, T/3074417. Unpublished study prepared by Bayer Ag Inst. of Toxicology. 21 p. |
| 46853906 | Moore, G. (2004) GUS 7082-00 (Flint-Clothianidin (400 g Clothianidin/100 kg)): Primary Skin Irritation Study in Rabbits. Project Number: 15570, P326. Unpublished study prepared by Product Safety Laboratories. 16 p. |
| 47007806 | Leuschner, J. (2002) Acute Skin Irritation Test Patch Test of FCR 4545, 3 FS and TI 0435 400 in Rabbits. Project Number: R/8160, T 5070792, 9300/544/95. Unpublished study prepared by Laboratorium fuer Pharmakologie und Tox. 24 p. |
| 47096009 | Durando, J. (2007) ARY044415 SC: Primary Skin Irritation Study in Rabbits. Project Number: 21448, P326. Unpublished study prepared by Product Safety Laboratories. 14 p. |
| 47096015 | Durando, J. (2007) ARY044416 G: Primary Skin Irritation Study in Rabbits. Project Number: 21538, P326. Unpublished study prepared by Product Safety Laboratories. 15 p. |
| 47177404 | Creek, M. (2007) Justification for Bridging Acute Toxicity Data from Studies Conducted with V-10170 5 FS to V-10170 2.13C. Project Number: MRC/2007/004, 200700262. Unpublished study prepared by Valent U.S.A. Corporation. 4 p. |
| 47177408 | Rodabaugh, D. (2007) A Primary Skin Irritation Study in Rabbits with V-10170 5 FS (VC-1667). Project Number: 200700258, ODV00052, VP/31388. Unpublished study prepared by Charles River Laboratories, Inc. 45 p. |
| 47437906 | Durando, J. (2008) Primary Skin Irritation Study in Rabbits: Clothianidin + Ipconazole + Metalaxyl 480 FS. Project Number: 24506, P326, 080311/6H. Unpublished study prepared by Product Safety Laboratories. 16 p. |
| 47483029 | Gmelin, C. (2007) Clothianidin + Imidacloprid WS 75 (56.25+18.75) W - Acute Skin Irritation/Corrosion on Rabbits. Project Number: M/292823/01/2, AT04107, T/0077916. Unpublished study prepared by Bayer HealthCare AG. 26 p. |
| 47483307 | Durando, J. (2008) Primary Skin Irritation Study in Rabbits - Proceed w CTD. Project Number: 24810, P326, M/302538/01/1. Unpublished study prepared by Product Safety Laboratories. 15 p. |
| 47662006 | Moore, G. (2008) Primary Skin Irritation Study in Rabbits: Flower, Rose & Shrub Care II. Project Number: 25128, P326. Unpublished study prepared by Eurofins-Product Safety Laboratories. 15 p. |
| 47662302 | Sargent, D. (2009) Bridging Rationale for Acute Toxicity Studies for Flower, Rose and Shrub Care III. Project Number: BA09/DS/02, BA09/DS/02A. Unpublished study prepared by Bayer CropScience. 11 p. |
| 47835905 | Oley, S. (2009) L1902: Primary Skin Irritation Study in Rabbits. Project Number: M/354229/01/1, 27559, P326. Unpublished study prepared by Eurofins/Product Safety Laboratories. 15 p. |
| 48024206 | Gmelin, C. (2009) BYF 14182 + Clothianidin + Metalaxyl + Trifloxystrobin FS 10,7+290+7,15+7,15: Acute Skin Irritation/Corrosion on Rabbits. Project Number: M/359652/01/2, AT05588, TXELP105. Unpublished study prepared by Bayer Schering Pharma AG. 27 p. |
| 48024606 | Gmelia, C. (2010) BYF 14182 + Clothianidin FS 66.5+207 g/L: Acute Skin Irritation/Corrosion on Rabbits. Project Number: M/362461/01/2, TXELP060, AT05731. Unpublished study prepared by Bayer Schering Pharma AG. 25 p. |
| 48311201 | Creek, M. (2010) Acute Toxicity Waiver Request: INOVATE Seed Protectant. Project Number: 201000292, VP/37699. Unpublished study prepared by Valent BioSciences Corporation. 5 p. |
| 48505207 | Lowe, C. (2011) NipsIt SUITE Cereals of Seed Protectant: Primary Skin Irritation Study in Rabbits. Project Number: 201100148, 31848, 37919. Unpublished study prepared by Eurofins/Product Safety Laboratories. 29 p. |
| 48531807 | Lowe, C. (2010) Primary Skin Irritation Study in Rabbits. Project Number: 201000233, 29235, VP/37321. Unpublished study prepared by Eurofins/Product Safety Laboratories. 29 p. |
| 48596302 | Rupprecht, K. (2011) Acute Toxicity of Poncho Votivo Alternative Formulation and Precautionary Label Language Based on Extrapolated Data. Project Number: US0229/OCR M/413757/01/1. Unpublished study prepared by Bayer CropScience. 14p. |
| 48677208 | Lowe, C. (2011) VB3C Concentrate: Primary Skin Irritation Study in Rabbits. Project Number: 32285 VBC/58219 P326. Unpublished study prepared by Eurofins/Product Safety Laboratories. 29p. |
| 48720705 | Creek, M. (2013) Acute Toxicity Waiver Request: Inovate Pro. Project Number: VP/38380. Unpublished study prepared by Valent U.S.A. Corporation. 4p. |
| 48875708 | Kim, Y. (2009) Skin Irritation Study of Clothianidin Microcapsule in Rabbits. Project Number: J09326. Unpublished study prepared by Biotoxtech Co., Ltd. 32p. |
| 49072106 | McKenzie, A. (2013) BES0600 Insecticide: Primary Skin Irritation Study in Rabbits. Project Number: M/445821/02/1/OCR, 35441, P326. Unpublished study prepared by Product Safety Laboratories. 16p. |
| 49372007 | Charlton, R. (2014) INTEGO SUITE Neutral Seed Protectant: Waiver Request for Acute Toxicity Studies. Project Number: 201400119, VP/38869. Unpublished study prepared by Valent U.S.A. Corporation. 9p. |
| 49447703 | Charlton, R. (2014) INTEGO SUITE Seed Protectant: Waiver Request for Acute Toxicity Studies. Project Number: 201400215, VP/38918. Unpublished study prepared by Valent U.S.A. Corporation. 10p. |
| 49447805 | Lowe, C. (2014) INTEGO SUITE Neutral Seed Protectant (VC-1960): Primary Skin Irritation in Rabbits. Project Number: 201400223, 39515, P326. Unpublished study prepared by Product Safety Laboratories. 31p. |
| 49561608 | Durando, J. (2015) MGK Formula 3113: Primary Skin Irritation in Rabbits. Project Number: 40583, P326. Unpublished study prepared by Product Safety Laboratories. 18p. |
| 49705707 | Lowe, C. (2016) V-10403: Primary Skin Irritation in Rabbits. Project Number: 201600010, 42013, P326. Unpublished study prepared by Product Safety Laboratories. 32p. |
| 49787904 | Lennan, T. (2015) Composition of Acute Toxicity Test Material: MGK Formula 3112. Project Number: MGK/REG/286. Unpublished study prepared by McLaughlin Gormley King Company. 8p. |
| 49787909 | Lowe, C. (2015) MGK F-3112: Primary Skin Irritation in Rabbits. Project Number: 40375, P326. Unpublished study prepared by Product Safety Laboratories. 17p. |
| 50285007 | Lowe, C. (2016) MGK Formula 3129: Primary Skin Irritation in Rabbits. Project Number: 44228, P326, 161012/1D. Unpublished study prepared by Product Safety Labs. 18p. |
| 50312603 | Lowe, C. (2017) V-10395: Primary Skin Irritation in Rabbits. Project Number: 201700276, VP/41029, P326. Unpublished study prepared by Product Safety Labs. 32p. |
| 50604208 | Slonina, M. (2018) MGK Formula 3144 Revision 1: Primary Skin Irritation in Rabbits. Project Number: 47694, P326. Unpublished study prepared by Product Safety Laboratories. 18p. |
| 50712908 | Durando, J. (2020) V-10503 FS: Primary Skin Irritation in Rabbits. Project Number: 52755. Unpublished study prepared by Product Safety Laboratories. 33p. |
| 50713305 | Durando, J. (2020) Nipsit INSIDE Insecticide: Primary Skin Irritation in Rabbits. Project Number: 52309. Unpublished study prepared by Product Safety Laboratories. 32p. |
| 50910805 | Durando, J. (2019) BAS 499 00 I : Primary Skin Irritation in Rabbits. Project Number: 18H0049/19X026, P326/BASF, 2019/2041668. Unpublished study prepared by Product Safety Laboratories. 19p. |
| 51243909 | Veepuri, M. (2017) Clothianidin 98% TC: Acute Eye Irritation/Corrosion Study in New Zealand White Rabbits. Project Number: 17307. Unpublished study prepared by Palamur Biosciences Private Limited. 38p. |
| 51243910 | Veepuri, M. (2017) Clothianidin 98% TC: Acute Dermal Irritation/Corrosion Study in New Zealand White Rabbits. Project Number: 17306. Unpublished study prepared by Palamur Biosciences Private Limited. 32p. |
| 51255108 | Durando, J. (2020) MGK Formula 3096 Revision 2: Primary Skin Irritation in Rabbits. Project Number: 52661, P326. Unpublished study prepared by Product Safety Laboratories. 18p. |
| 51300605 | Ellis, M. (2020) MGK Formula 31761: Primary Skin Irritation in Rabbits. Project Number: 53134. Unpublished Study Prepared by Product Safety Labs. 18p. |

**870.2600       Skin sensitization**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46482307 | Vohr, H. (2005) Chlothianidin and Imidacloprid Combo 600 FS (Cotton ST): Study for the Skin Sensitization Effect in Guinea Pigs. Project Number: AT01777, T/9074215. Unpublished study prepared by Bayer Ag Inst. of Toxicology. 29 p. |
| 46853907 | Moore, G. (2004) GUS 7082-00 (Flint Clothianidin (400 g Clothianidin/100 kg)): Dermal Sensitization Study in Guinea Pigs (Buehler Method). Project Number: 15571, P328. Unpublished study prepared by Product Safety Laboratories. 23 p. |
| 47007807 | Vohr, H. (2002) Study for the Skin Sensitization Effect in Guinea Pigs: FCR 4545 53, 3 FS and TI 0435 400. Project Number: T5071827, PH/32143. Unpublished study prepared by Bayer Crop Science Lp. 27 p. |
| 47096010 | Durando, J. (2007) ARY044415 SC: Dermal Sensitization Study in Guinea Pigs (Buehler Method). Project Number: 21449, P328. Unpublished study prepared by Product Safety Laboratories. 22 p. |
| 47096016 | Durando, J. (2007) ARY044416 G: Dermal Sensitization Study in Guinea Pigs (Buehler Method). Project Number: 21539, P328. Unpublished study prepared by Product Safety Laboratories. 23 p. |
| 47177404 | Creek, M. (2007) Justification for Bridging Acute Toxicity Data from Studies Conducted with V-10170 5 FS to V-10170 2.13C. Project Number: MRC/2007/004, 200700262. Unpublished study prepared by Valent U.S.A. Corporation. 4 p. |
| 47177409 | Rodabaugh, D. (2007) A Dermal Sensitization Study in Guinea Pigs with V-10170 5 FS (VC-1667): Modified Buehler Design. Project Number: 200700259, ODV00053, VP/31392. Unpublished study prepared by Charles River Laboratories, Inc. 66 p. |
| 47437907 | Durando, J. (2008) Dermal Sensitization Study in Guinea Pigs (Buehler Method): Clothianidin + Ipconazole + Metalaxyl 480 FS. Project Number: 24507, P328, 080311/6H. Unpublished study prepared by Product Safety Laboratories. 24 p. |
| 47483030 | Vohr, H. (2008) Clothianidin + Imidacloprid WS 75 (56.25+18.75) W (Project: Clothianidin) - Local Lymph Node Assay in Mice (LLNA/IMDS). Project Number: M/293656/01/2, AT04180. Unpublished study prepared by Bayer HealthCare AG. 31 p. |
| 47483308 | Durando, J. (2008) Dermal Sensitization Study in Guinea Pigs (Buehler Method): Proceed w CTD. Project Number: 24811, P328. Unpublished study prepared by Product Safety Laboratories. 26 p. |
| 47662007 | Moore, G. (2008) Dermal Sensitization Study in Guinea Pigs (Buehler Method): Flower, Rose & Shrub Care II. Project Number: 25129, P328. Unpublished study prepared by Eurofins-Product Safety Laboratories. 23 p. |
| 47662302 | Sargent, D. (2009) Bridging Rationale for Acute Toxicity Studies for Flower, Rose and Shrub Care III. Project Number: BA09/DS/02, BA09/DS/02A. Unpublished study prepared by Bayer CropScience. 11 p. |
| 47835906 | Oley, S. (2009) L1902: Dermal Sensitization Study in Guinea Pigs (Buehler Method). Project Number: M/354231/01/1, 27560, P328. Unpublished study prepared by Eurofins/Product Safety Laboratories. 24 p. |
| 48024207 | Repetto, M. (2009) BYF 14182 + Clothianidin + Metalaxyl + TrIfloxystrobin FS 10.7+290+7.15+7.15 g/L: Evaluation of Potential Skin Sensitization in the Local Lymph Node Assay in the Mouse. Project Number: M/359569/01/2, SA/09215, LYNX/PSI/N/TXELP077. Unpublished study prepared by Bayer CropScience. 39 p. |
| 48024607 | Blanck, M. (2010) BYF 14182 + Clothianidin FS 66.5+207 g/L: Evaluation of Potential Skin Sensitization in the Local Lymph Node Assay in the Mouse. Project Number: M/362273/01/2, SA/09342, LYNX/PSI/N/TXELP078. Unpublished study prepared by Bayer CropScience. 41 p. |
| 48311201 | Creek, M. (2010) Acute Toxicity Waiver Request: INOVATE Seed Protectant. Project Number: 201000292, VP/37699. Unpublished study prepared by Valent BioSciences Corporation. 5 p. |
| 48505208 | Lowe, C. (2011) NipsIt SUITE Cereals of Seed Protectant: Dermal Sensitization Study in Guinea Pigs (Buehler Method). Project Number: 201100149, 31849, 37922. Unpublished study prepared by Eurofins/Product Safety Laboratories. 39 p. |
| 48531808 | Lowe, C. (2010) Dermal Sensitization Study in Guinea Pigs: [Buehler Method]. Project Number: 201000234, 29236, VP/37324. Unpublished study prepared by Eurofins/Product Safety Laboratories. 39 p. |
| 48596302 | Rupprecht, K. (2011) Acute Toxicity of Poncho Votivo Alternative Formulation and Precautionary Label Language Based on Extrapolated Data. Project Number: US0229/OCR M/413757/01/1. Unpublished study prepared by Bayer CropScience. 14p. |
| 48677209 | Lowe, C. (2011) VB3C Concentrate: Dermal Sensitization Study in Guinea Pigs (Buehler Method). Project Number: 32286 VBC/58220 P328. Unpublished study prepared by Eurofins/Product Safety Laboratories. 40p. |
| 48720705 | Creek, M. (2013) Acute Toxicity Waiver Request: Inovate Pro. Project Number: VP/38380. Unpublished study prepared by Valent U.S.A. Corporation. 4p. |
| 48875709 | Miyazaki, T. (2009) Skin Sensitization Study of Clothianidin Microcapsule in Guinea Pigs (Buehler Test). Project Number: P090570. Unpublished study prepared by Mitsubishi Chemical Medience Corporation. 40p. |
| 49072107 | McKenzie, A. (2013) BES0600 Insecticide: Local Lymph Node Assay (LLNA) in Mice. Project Number: M/445822/02/1/OCR, 35412, P327. Unpublished study prepared by Product Safety Laboratories. 24p. |
| 49372007 | Charlton, R. (2014) INTEGO SUITE Neutral Seed Protectant: Waiver Request for Acute Toxicity Studies. Project Number: 201400119, VP/38869. Unpublished study prepared by Valent U.S.A. Corporation. 9p. |
| 49447703 | Charlton, R. (2014) INTEGO SUITE Seed Protectant: Waiver Request for Acute Toxicity Studies. Project Number: 201400215, VP/38918. Unpublished study prepared by Valent U.S.A. Corporation. 10p. |
| 49447806 | Lowe, C. (2014) INTEGO SUITE Neutral Seed Protectant (VC-1960): Local Lymph Node Assay (LLNA) in Mice. Project Number: 201400219, 39516, P327. Unpublished study prepared by Product Safety Laboratories. 40p. |
| 49561609 | Durando, J. (2015) MGK Formula 3113: Dermal Sensitization Test in Guinea Pigs - Buehler Method. Project Number: 40584, P328, 40649. Unpublished study prepared by Product Safety Laboratories. 25p. |
| 49705708 | Lowe, C. (2016) V-10403: Local Lymph Node Assay (LLNA) in Mice. Project Number: 201600011, 42014, P327. Unpublished study prepared by Product Safety Laboratories. 43p. |
| 49787904 | Lennan, T. (2015) Composition of Acute Toxicity Test Material: MGK Formula 3112. Project Number: MGK/REG/286. Unpublished study prepared by McLaughlin Gormley King Company. 8p. |
| 49787910 | Lowe, C. (2015) MGK F-3112: Dermal Sensitization Test in Guinea Pigs - Buehler Method. Project Number: 40376, P328. Unpublished study prepared by Product Safety Laboratories. 25p. |
| 50285008 | Lowe, C. (2016) MGK Formula 3129: Dermal Sensitization Test in Guinea Pigs. Project Number: 44229, P328, 161012/1D. Unpublished study prepared by Product Safety Labs. 25p. |
| 50312606 | Lowe, C. (2017) V-10395: Local Lymph Node Assay (LLNA) in Mice. Project Number: 201700279, VP/41030, P327. Unpublished study prepared by Product Safety Labs. 41p. |
| 50604209 | Slonina, M. (2018) MGK Formula 3144 Revision 1: Dermal Sensitization Test in Guinea Pigs - Buehler Method. Project Number: 47695, P328. Unpublished study prepared by Product Safety Laboratories. 25p. |
| 50712909 | Durando, J. (2020) V-10503 FS: Local Lymph Node Assay (LLNA) in Mice. Project Number: 52756. Unpublished study prepared by Product Safety Laboratories. 42p. |
| 50713306 | Durando, J. (2020) Nipsit INSIDE Insecticide: Local Lymph Node Assay (LLNA) in Mice. Project Number: 52310. Unpublished study prepared by Product Safety Laboratories. 41p. |
| 50910806 | Durando, J. (2019) BAS 499 00 I: Dermal Sensitization Test in Guinea Pigs - Buehler Method. Project Number: 32H0049/19X027, P328/BASF, 2019/2042694. Unpublished study prepared by Product Safety Laboratories. 27p. |
| 51243911 | Veepuri, M. (2017) Clothianidin 98% TC: Skin Sensitization Study (Magnusson and Kligman Test) in Guinea Pigs. Project Number: 17308. Unpublished study prepared by Palamur Biosciences Private Limited. 45p. |
| 51255109 | Durando, J. (2020) MGK Formula 3096 Revision 2: Dermal Sensitization Test in Guinea Pigs - Buehler Method. Project Number: 52662, P328. Unpublished study prepared by Product Safety Laboratories. 25p. |

**870.3100       90-Day oral toxicity in rodents**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45422708 | Chambers, P. (1997) TI-435 Toxicity to Rats by Dietary Administration for 4 Weeks: Lab Project Number: TDA 179/960496: 109819. Unpublished study prepared by Huntingdon Life Sciences Ltd. 212 p.  |
| 45422709 | Chambers, P. (1997) TI-435 Toxicity to Mice by Dietary Administration for 4 Weeks: Lab Project Number: TDA 180/960497: 109818. Unpublished study prepared by Huntingdon Life Sciences Ltd. 220 p.  |

**870.3200       21/28-day dermal toxicity**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45422707 | Weiler, M. (2000) 28-Day Dermal Toxicity Study with TI 435 in Rats (Final Report): Lab Project Number: 6155-120. Unpublished study prepared by Covance Laboratories Inc. 445 p.  |

**870.3465       90-day inhalation toxicity**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 49315001 | Shen, S. (2014) Response to the Study Deficiencies Cited in the DER for Subchronic Inhalation Toxicity Study in Rats. Project Number: VP/38578, 201400001, 6/63. Unpublished study prepared by Valent U.S.A. Corporation. 26p. |

**870.4200       Carcinogenicity**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45422721 | Biegel, L. (2000) 78-Week Dietary Carcinogenicity Study with TI 435 in Mice: Lab Project Number: 6155-109: 109833. Unpublished study prepared by Covance Laboratories Ltd. 3865 p.  |
| 45422722 | Biegel, L. (2001) 78-Week Dietary Carcinogenicity Study with TI 435 in Mice (Supplement): Lab Project Number: 6155-109: 109833-1. Unpublished study prepared by Covance Laboratories Ltd. 112 p.  |

**870.4300       Combined chronic toxicity/carcinogenicity**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46339010 | Beigel, L. (2004) 104-Week Dietary Combined Chronic Toxicity and Carcinogenicity Study with TI-435 in Rats (Supplement No. 2): Supplement to Final Study. Project Number: 6155/108. Unpublished study prepared by Covance Laboratories, Inc. 114 p. |

**870.5100       Bacterial reverse mutation test**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46339005 | Sokilowski, A. (2003) TI-435 Salmonella Typhimurium Reverse Mutation Assay. Project Number: 803401. Unpublished study prepared by RCC Umweltchemie Gmbh & Co. Kg. 35 p. |

**870.5300       In vitro mammalian cell gene mutation test**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46339001 | Poth, A. (2003) Gene Mutation Assay in Chinese Hamster V79 Cells in Vitro (V79/HPRT) with TI-435. Project Number: 802501, TI/435. Unpublished study prepared by RCC Umweltchemie Gmbh & Co. Kg. 39 p. |

**870.5375       In vitro mammalian chromosome aberration test**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46339002 | Schulz, M. (2003) In Vitro Chromosome Aberration Test In Chinese Hamster V79 Cells with TI-435. Project Number: 802502, TI/435. Unpublished study prepared by RCC Umweltchemie Gmbh & Co. Kg. 33 p. |
| 46339007 | Schulz, M. (2003) TI-435 In Vitro Chromosome Aberration Test In Chinese Hamster V79 Cells. Project Number: 803403. Unpublished study prepared by RCC Umweltchemie Gmbh & Co. Kg. 38 p. |

**870.5395       Mammalian erythrocyte micronucleus test**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46339003 | Honarvar, N. (2003) TI-435 Micronucleus Assay in Bone Marrow Cells of the Mouse. Project Number: 802503, TI/435. Unpublished study prepared by RCC Umweltchemie Gmbh & Co. Kg. 26 p. |
| 46339008 | Honarvar, N. (2003) TI-435 Micronucleus Assay in Bone Marrow Cells of the Mouse. Project Number: 803404. Unpublished study prepared by RCC Umweltchemie Gmbh & Co. Kg. 27 p. |

**870.5550       Unscheduled DNA synthesis in mammalian cells in culture**

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| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46339004 | Honarvar, N. (2003) In Vivo/In Vitro Unscheduled DNA Synthesis in Rat Hepatocytes with TI-435. Project Number: 802504, TI/435. Unpublished study prepared by RCC Umweltchemie Gmbh & Co. Kg. 27 p. |
| 46339009 | Honarvar, N. (2003) TI-435 In Vivo/In Vitro Unscheduled DNA Synthesis in Rat Hepatocytes. Project Number: 803405. Unpublished study prepared by RCC Umweltchemie Gmbh & Co. Kg. 28 p. |

**870.7800       Immunotoxicity**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46536502 | Hoberman, A. (2004) Oral (Diet) Repeated Dose 28-Day Toxicity/Immunotoxicity Study of TI-435 in Rats: Final Report. Project Number: RLF00001. Unpublished study prepared by Charles River Laboratories and ImmunoTox, Inc. 187 p. |
| 47526501 | Hobeman, A. (2008) Oral (Diet) Developmental Immunotoxicity Study of TI 435 (Clothianidin) in Crl: CD(SD) Rats. Project Number: 5819/008, RLF00001, 5819/008/TXTIY001. Unpublished study prepared by Charles River Laboratories and ImmunoTox, Inc. 537 p. |

**875.1100       Dermal exposure--outdoor**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 47483031 | Maasfeld, W. (2008) Determination of Exposure to Pencycuron During Loading and Application of MoncereenR-Droogontsmetter (Monceren DS 12.5) in Potato Fields. Project Number: M/043846/01/2, MR/565/01, P/666/01/1502. Unpublished study prepared by Bayer AG. 49 p. |
| 47483032 | Lunchick, C. (2008) Assessment of Worker Exposure and Risk Resulting from Commercial Treatment of Vegetable Seeds and Commercial and On-Farm Treatment of Cereals and Potato Seed-Pieces with Sepresto 75WS. Project Number: M/305114/01/1, G201919. Unpublished study prepared by Bayer CropScience LP. 24 p. |
| 47483309 | Lunchick, C. (2008) Assessment of Worker Exposure and Risk Resulting from On-Farm and Commercial Treatment of Wheat, Barley, and Triticale with Proceed Optimum. Project Number: G201924. Unplublished study prepared by Bayer CropScience. 13 p. |

**875.1300       Inhalation exposure--outdoor**

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| **MRID** | **Citation Reference** |
|  |  |
| 47483031 | Maasfeld, W. (2008) Determination of Exposure to Pencycuron During Loading and Application of MoncereenR-Droogontsmetter (Monceren DS 12.5) in Potato Fields. Project Number: M/043846/01/2, MR/565/01, P/666/01/1502. Unpublished study prepared by Bayer AG. 49 p. |
| 47483032 | Lunchick, C. (2008) Assessment of Worker Exposure and Risk Resulting from Commercial Treatment of Vegetable Seeds and Commercial and On-Farm Treatment of Cereals and Potato Seed-Pieces with Sepresto 75WS. Project Number: M/305114/01/1, G201919. Unpublished study prepared by Bayer CropScience LP. 24 p. |
| 47483309 | Lunchick, C. (2008) Assessment of Worker Exposure and Risk Resulting from On-Farm and Commercial Treatment of Wheat, Barley, and Triticale with Proceed Optimum. Project Number: G201924. Unplublished study prepared by Bayer CropScience. 13 p. |

**875.2100       Foliar dislodgeable residue dissipation**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 49148504 | Creek, M. (2013) Waiver Request: Evaluation of Clothianidin with Respect to Re-entry Risks and the Requirement for DFR and TTR. Project Number: VP/38429. Unpublished study prepared by ITR Laboratories. 7p. |

**875.2800       Description of human activity**

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| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45422829 | Standart, V.; CIH, M. (2001) Evaluation of Exposure to TI-435 of Workers Who Treat and Plant TI-435 Treated Corn Seed: Lab Project Number: 109901. Unpublished study prepared by Bayer Corporation. 13 p.  |

**885.1100       Product identity**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 47835907 | Hines, D. (2009) The Physical Characterization of L1902 End-Use Product. Project Number: M/354425/01/1, PC/09/002, M/354425/01/1/OCR. Unpublished study prepared by Bayer CropScience, LP. 198 p. |
| 47985401 | Hines, D. (2010) The Physical Characterization of L1902 End-Use Product: Supplement to MRID No. 47835907. Project Number: M/363982/01/1, PC/09/002/SUPP/, M/363982/01/1/OCR. Unpublished study prepared by Bayer CropScience. 27 p. |
| 50910807 | Demirci, F. (2019) Poncho Votivo 2.0 Seed Treatment (BAS 499 00 I): Group A - Product Identity, Composition and Analysis. Project Number: 2019/2042519. Unpublished study prepared by BASF SE. 148p. |

**885.1200       Manufacturing process**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 47835907 | Hines, D. (2009) The Physical Characterization of L1902 End-Use Product. Project Number: M/354425/01/1, PC/09/002, M/354425/01/1/OCR. Unpublished study prepared by Bayer CropScience, LP. 198 p. |
| 47985401 | Hines, D. (2010) The Physical Characterization of L1902 End-Use Product: Supplement to MRID No. 47835907. Project Number: M/363982/01/1, PC/09/002/SUPP/, M/363982/01/1/OCR. Unpublished study prepared by Bayer CropScience. 27 p. |
| 50910807 | Demirci, F. (2019) Poncho Votivo 2.0 Seed Treatment (BAS 499 00 I): Group A - Product Identity, Composition and Analysis. Project Number: 2019/2042519. Unpublished study prepared by BASF SE. 148p. |

**885.1300       Discussion of formation of unintentional ingredients**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 47835907 | Hines, D. (2009) The Physical Characterization of L1902 End-Use Product. Project Number: M/354425/01/1, PC/09/002, M/354425/01/1/OCR. Unpublished study prepared by Bayer CropScience, LP. 198 p. |
| 50910807 | Demirci, F. (2019) Poncho Votivo 2.0 Seed Treatment (BAS 499 00 I): Group A - Product Identity, Composition and Analysis. Project Number: 2019/2042519. Unpublished study prepared by BASF SE. 148p. |

**885.1400       Analysis of samples**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 47835907 | Hines, D. (2009) The Physical Characterization of L1902 End-Use Product. Project Number: M/354425/01/1, PC/09/002, M/354425/01/1/OCR. Unpublished study prepared by Bayer CropScience, LP. 198 p. |
| 47835908 | Hines, D. (2009) Report for Five Batch Analysis of L1902 End-Use Product. Project Number: M/354421/01/1, M/354421/01/1/OCR, ZZ1076. Unpublished study prepared by Bayer CropScience, LP. 46 p. |
| 48577801 | Hines, D. (2011) The Storage Stability and Corrosion Characteristics of L1902 End-Use Product. Project Number: M/411932/01/1, PC/09/002SS, M/411932/01/1/OCR. Unpublished study prepared by Bayer CropScience LP. 61p. |
| 50910807 | Demirci, F. (2019) Poncho Votivo 2.0 Seed Treatment (BAS 499 00 I): Group A - Product Identity, Composition and Analysis. Project Number: 2019/2042519. Unpublished study prepared by BASF SE. 148p. |
| 50910809 | Allegra, E. (2019) Poncho/VOTiVO 2.0 (Bacillus firmus and Bacillus thuringiensis): Viable Count Method Validation: Final Report. Project Number: KQ71PS, 881602, 2019/7002162. Unpublished study prepared by Covance CRS Limited. 33p. |
| 50910810 | Allegra, E. (2019) Material Accountability of Poncho/VOTiVO 2.0 (Bacillus firmus and Bacillus thuringiensis) BAS 499 00 I: 5 Batch Analysis. Project Number: 881597, FC53DG, 2019/7002427. Unpublished study prepared by Covance CRS Limited. 28p. |

**885.1500       Certification of limits**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 47835907 | Hines, D. (2009) The Physical Characterization of L1902 End-Use Product. Project Number: M/354425/01/1, PC/09/002, M/354425/01/1/OCR. Unpublished study prepared by Bayer CropScience, LP. 198 p. |
| 47985401 | Hines, D. (2010) The Physical Characterization of L1902 End-Use Product: Supplement to MRID No. 47835907. Project Number: M/363982/01/1, PC/09/002/SUPP/, M/363982/01/1/OCR. Unpublished study prepared by Bayer CropScience. 27 p. |
| 50910807 | Demirci, F. (2019) Poncho Votivo 2.0 Seed Treatment (BAS 499 00 I): Group A - Product Identity, Composition and Analysis. Project Number: 2019/2042519. Unpublished study prepared by BASF SE. 148p. |

**870.3500       Preliminary Development Toxicity Screen**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46339006 | Poth, A. (2003) TI-435 Gene Mutation Assay in Chinese Hamster V79 Cells In Vitro (V79/HPRT). Project Number: 803402. Unpublished study prepared by RCC Umweltchemie Gmbh & Co. Kg. 38 p. |

**850.1735       Whole sediment: acute freshwater invertebrates**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 46826902 | Putt, A. (2006) Clothianidin - Toxicity to Midge (Chironomus riparius) During a 10-Day Sediment Exposure. Project Number: EBTIX063, 13798/6182. Unpublished study prepared by Springborn Smithers Laboratories. 58 p. |

**850.1740       Whole sediment: acute marine invertebrates**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 47199401 | Thomas, S.; Krueger, H.; Kendall, T.; et. al. (2007) Clothianidin: A 10-Day Whole Sediment Toxicity Test with Leptocheirus plumulosus Using Spiked Sediment: Final Report. Project Number: 443A/135A, 443/111306/LEP/10D/SUB443. Unpublished study prepared by Wildlife International, Ltd. 80 p. |

**850.7100       Data reporting for environmental chemistry methods**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 49208401 | Mayhew, T. (2013) Review of Clothianidin Uptake Data in Turf and Landscape Ornamentals. Project Number: VP/38492. Unpublished study prepared by Valent U.S.A. Corporation. 17p. |
| 50216001 | Hancock, G.; Gates, J. (2016) Avian Effects Data Summary and Screening Level Risk Characterization for Imidacloprid and Clothianidin Seed Treatment Uses. Project Number: 229/32, US0642, EBNTN236. Unpublished study prepared by Waterborne Environmental, Inc. (WEI). 89p. |

**Non-Guideline Study**

|  |  |
| --- | --- |
| **MRID** | **Citation Reference** |
|  |  |
| 45396100 | Bayer Corporation (2001) Submission of Reduced Risk Pesticide Rationale for Clothianidin. Transmittal of 1 Study.  |
| 45396101 | Cain, K.; Christensen, R.; Dollinger, M. et al. (2001) Rationale for Classification as a Reduced Risk Chemical for Clothianidin in Corn and Canola: Lab Project Number: 110710. Unpublished study prepared by Bayer Corporation. 215 p.  |
| 45416300 | Gustafson LLC. (2001) Submission of Product Chemistry, Residue, Toxicity, Risk Assessment and Exposure Data in Support of the Application for Registration of Titan FL. Transmittal of 14 Studies.  |
| 45416313 | McFadden, D. (2001) Environmental Chemistry and Fate of Titan FL: Final Report: Lab Project Number: 01-102. Unpublished study prepared by Gustafson LLC. 11 p.  |
| 45416314 | McFadden, D. (2001) Metabolism/Toxicokinetic Information for Titan FL: Final Report: Lab Project Number: 01-103. Unpublished study prepared by Gustafson LLC. 8 p.  |
| 45422300 | Bayer Corporation Inc. (2001) Submission of Product Chemistry, Residue, Environmental Fate, and Toxicity Data in Support of the Application for Registration of Clothianidin 600 FS and Clothianidin Technical and the Petition for Tolerance for Clothianidin in/on Corn and Canola. Transmittal of 40 of 238 Studies.  |
| 45422400 | Bayer Corporation (2001) Submission of Residue and Toxicity Data in Support of the Application for the Registration of Clothianidin Technical and Clothianidin 600 FS and the Petition for the Tolerance of Clothianidin in/on Canola and Corn. Transmittal of 40 of 237 Studies.  |
| 45422500 | Bayer Corporation (2001) Submission of Residue and Toxicity Data in Support of the Application for the Registration of Clothianidin 600 FS and Clothianidin Technical and the Petition for Tolerance of Clothianidin in/on Corn and Canola. Transmittal of 40 of 237 Studies.  |
| 45422511 | Weyman, G. (1998) TI-435 Technical: Acute Toxicity to the Earthworm Eisenia foetida: Lab Project Number: 586/136: 110067. Unpublished study prepared by Covance Laboratories, Ltd. 27 p.  |
| 45422512 | Noack, M. (2000) MNG: Earthworm (Eisenia foetida), Acute Toxicity in Artificial Soil: Lab Project Number: 110172: RRA66531/990813TU. Unpublished study prepared by Dr. U. Noack Laboratory for Applied Biology. 34 p.  |
| 45422513 | Noack, M. (2000) TZNG: Earthworm (Eisenia foetida), Acute Toxicity in Artificial Soil: Lab Project Number: RRA66521/990813TU: 110280. Unpublished study prepared by Dr. U. Noack Laboratory for Applied Biology. 36 p.  |
| 45422518 | Kemmeter, F. (1999) TI-435 FS 600 (Treated Corn Seeds): Extended Laboratory Study to Evaluate the Effects on the Lycosid Spider, Pardosa spp. (Araneae, Lycosidae): Lab Project Number: 99089/01-NEPA: 110176. Unpublished study prepared by Arbeitsgemeinschaft. 49 p.  |
| 45422519 | Kemmeter, F. (1999) Clothianidin (FS 600) (Treated Rape Seeds): Extended Laboratory Study to Evaluate the Effects on the Wolf Spider, Pardosa spp. (Araneae, Lycosidae): Lab Project Number: 99085 01-NEPa: 110175. Unpublished study prepared by Arbeitsgemeinschaft GAB Biotechnologie GmbH & IFU Umweltanalytik GmbH. 44 p.  |
| 45422520 | Schmuck, R. (2000) Acute Effects of Maize Seed Treated with TI 435 FS 600 on Carabid Beetles (Poecilus cupreus) Under Extended Laboratory Test Conditions: Lab Project Number: E 371 1410-7: 110047. Unpublished study prepared by Bayer AG. 24 p.  |
| 45422521 | Schmuck, R. (2000) Acute Effects of Summerrape Seed Treated with TI 435 FS 600 on Carabid Beetles (Poecilus cupreus) Under Extended Laboratory Test Conditions: Lab Project Number: E 371 1377-9: 110069. Unpublished study prepared by Bayer AG. 24 p.  |
| 45422522 | Schmuck, R. (2000) Effects of Maize Seed Dressed with TI 435 FS 600 on the Life Cycle of Rove Beetles (Aloechara bilineata) Under Extended Laboratory Test Conditions: Lab Project Number: E 380 1399-3: 110061. Unpublished study prepared by Bayer AG. 24 p.  |
| 45422523 | Schmuck, R. (2000) Effects of Summer Rape Seed Coated with TI 435 FS 600 on the Life Cycle of Rove Beetles (Aloechara bilineata) Under Extended Laboratory Test Conditions: Lab Project Number: E 380-1390-4: 110062. Unpublished study prepared by Bayer AG. 24 p.  |
| 45422524 | Maus, C. (2001) Effects of TI 435 on the Life Cycle of Rove Beetles (Aloechara bilineata) Under Extended Laboratory Test Conditions: Lab Project Number: E 318 1915-7: 110402. Unpublished study prepared by Bayer AG. 33 p.  |
| 45422525 | Meisner, P. (2000) Influence of TI-435 600 FS Dressed Corn on the Reproduction of Earthworms (Eisenia fetida): Lab Project Number: E 312 1817-3: 110068. Unpublished study prepared by Bayer AG. 21 p.  |
| 45422526 | Heimbach, F. (2000) Effect of TI-435 600 FS Dressed Corn on the Earthworm Fauna of an Arabia Field: Lab Project Number: E311 1607-9: 110180. Unpublished study prepared by Bayer AG. 82 p.  |
| 45422535 | Weber, E.; Weber, H. (2000) (Nitroimino-(Carbon 14))TI-435 Investigation of Metabolites in Tissues and Eggs of Laying Hen: Lab Project Number: M 11819075: 110490. Unpublished study prepared by Bayer AG. 218 p.  |
| 45422600 | Bayer Corporation (2001) Submission of Toxicity and Residue Data in Support of the Application for the Registration of Clothianidin 600 FS and Clothianidin Technical and the Petition for Tolerance of Clothianidin in/on Corn and Canola. Transmittal of 37 of 237 Studies.  |
| 45422700 | Bayer Corporation (2001) Submission of Toxicity Data in Support of the Application for the Registration of Clothianidin 600 FS and Clothianidin Technical and the Petition for Tolerances of Clothianidin in/on Corn and Canola. Transmittal of 40 of 237 Studies.  |
| 45422800 | Bayer Corp. (2001) Submission of Toxicity, Risk Assessment, Exposure, Environmental Fate and Efficacy Data in Support of the Application for Registration of Clothianidin 600 FS and Clothianidin Technical and the Petition for Tolerance of Clothianidin in/on Corn and Canola. Transmittal of 40 studies of 237.  |
| 45422811 | Moore, M. (1998) Palatability Pilot Study for Dietary Concentrations of TI 435 in Dogs: Lab Project Number: 6155-107: 109832. Unpublished study prepared by Covance Laboratories Inc. 51 p.  |
| 45422823 | Unakami, S. (2000) Pharmacological Studies on TI-435: Lab Project Number: 9L668: 110231. Unpublished study prepared by Kashima Laboratory, Mitsubishi Chemical Safety Institute, Ltd.. 80 p.  |
| 45422824 | Sangha, G. (2000) Position Paper on the Studies Conducted at Huntingdon Life Sciences, U.K: Lab Project Number: 109628: TDA 194/962814: 109985. Unpublished study prepared by Bayer Corporation. 679 p.  |
| 45422825 | Moore, K.; Shelton, L. (1999) The Homogeneity, Room Temperature and Freezer Stability of TI 435 in Rodent Ration: Lab Project Number: 97-872-NQ: 108687. Unpublished study prepared by Bayer Corporation. 14 p.  |
| 45422826 | Moore, K.; Shelton, L. (1999) The Homogeneity, Room Temperature and Refrigerator Stability of TI 435 in Rodent Ration: Lab Project Number: 98-872-RH: 108690. Unpublished study prepared by Bayer Corporation. 14 p.  |
| 45422830 | Standart, V.; CIH, M. (2001) Evaluation of Exposure to TI-435 of Workers Who Treat and Plant TI-435-Treated Canola Seed: Lab Project Number: 3125109902. Unpublished study prepared by Bayer Corporation. 12 p.  |
| 45422831 | Keffer, C. (2001) Chronic and Acute Dietary and Assessment of Potential Risk from TI-435 Seed Treatment Uses on Canola and Corn: Lab Project Number: 110458. Unpublished study prepared by Bayer Corporation. 46 p.  |
| 45422833 | Bulman, P.; Blydorp, L. (2001) Efficacy Data for Clothianidin in Corn, Canola, Rapeseed, and Mustard: Lab Project Number: 110676. Unpublished study prepared by Bayer Corporation. 1631 p.  |
| 45422835 | Hancock, G.; Dyer, D.; Sangha, G. et al. (2001) TI-435 Canadian Data Screens (Organized by OECD Data Point / Reference Number): Lab Project Number: 110712. Unpublished study prepared by Bayer Corporation. 540 p.  |
| 45422836 | Hancock, G.; Dyer, D.; Sangha, G. et al. (2001) TI-435 OECD Reference Lists: Lab Project Number: 110713. Unpublished study prepared by Bayer Corporation. 80 p.  |
| 45422837 | Dyer, D.; Duah, F. (2001) TI-435 Crop and Soil Residues Data in Summary Form: Lab Project Number: 110714. Unpublished study prepared by Bayer Corporation. 23 p.  |
| 45422838 | Dyer, D.; Sangha, G.; Duah, F. et al. (2001) OECD Document M: Tier II Annex II: Summaries on the Active Substance Clothianidin (TI-435): Lab Project Number: 110688. Unpublished study prepared by Bayer Corporation. 513 p.  |
| 45422839 | Hancock, G.; Dyer, D.; Sangha, G. et al. (2001) OECD Document M: Tier II Annex III: Summaries on the Formulated Product Clothianidin (TI-435) 600 FS: Lab Project Number: 110689. Unpublished study prepared by Bayer Corporation. 183 p.  |
| 45422840 | Henn, H.; Duah, F.; Dyer, D. et al. (2001) OECD Document N: Tier III Overall Summaries and Assessment on Clothianidin (TI-435): Lab Project Number: 110690. Unpublished study prepared by Bayer Corporation. 129 p.  |
| 45430500 | Gustafson LLC (2001) Submission of Efficacy and Toxicity Data in Support of the Application for the Registration of Titan FL. Transmittal of 3 Studies.  |
| 45430501 | McFadden, D. (2001) Final Report Titan FL (RTU TI 435) Efficacy Trials: Lab Project Number: 01-100. Unpublished study prepared by Gustafson LLC. 606 p.  |
| 45430502 | McFadden, D. (2001) Final Report Tier III Summary for Titan FL: Lab Project Number: 01-104. Unpublished study prepared by Gustafson LLC. 178 p.  |
| 45430503 | McFadden, D. (2001) Final Report Tier II Summary for Titan FL: Lab Project Number: 01-105. Unpublished study prepared by Gustafson LLC. 22 p.  |
| 45480400 | Tomen Agro, Inc. (2001) Submission of Risk, Residue, Product Chemistry and Environmental Fate Data in Support of the Application for Registration of CLUTCH 50 WDG and the Petition for Tolerances for Use of Clutch 50 WDG on Pear and Apple. Transmittal of 6 Studies.  |
| 45480405 | Lee, S. (2001) FQPA Statement for Clutch 50 WDG (TM-444, TI-435, and v-10066). Unpublished study prepared by Tomen Agro, Inc. 8 p.  |
| 45480406 | Lee, S. (2001) Rationale for CLUTCH 50WDG (TM-444, TI-435 and V-10066): As a Reduced Risk/OP Alternative for Controlling Apple and Pear Pests. Unpublished study prepared by Tomen Agro, Inc. 232 p.  |
| 45490700 | Tomen Agro, Inc. (2001) Submission of Toxicity and Environmental Fate Data in Support of the Application for Registration of Clutch 50 WDG. Transmittal of 11 Studies.  |
| 45569800 | Bayer Corp. (2001) Submission of Product Chemistry Data in Support of FIFRA 6(a)(2) Data Requirements for Clothianidin Technical. Transmittal of 1 Study.  |
| 45587400 | Bayer Corp. (2002) Submission of Residue, Fate, Toxicity, Risk and Exposure Data in Support of the Application for Registration of Clothianidin 600 FS and Clothianidin Technical. Transmittal of 5 Studies.  |
| 45587405 | Duah, F. (2002) TI 435 (Clothianidin) Residue Chemistry Studies--Response to PMRA Inquiries: Lab Project Number: 110977. Unpublished study prepared by Bayer Corp. 24 p.  |
| 45654600 | Bayer Corp. (2002) Submission of Product Chemistry Data in Support of FIFRA 6(a)(2) Data Requirements for Clothianidin Technical. Transmittal of 1 Study.  |
| 45708700 | Arvesta Corp. (2002) Submission of Environmental Fate and Reduced-Risk Rationale Data in Support of the Application for Registration of Clutch 50 WDG. Transmittal of 3 Studies.  |
| 45708703 | Daniels, C.; Habig, C.; Lee, S.; et al. (2002) Reduced-Risk Pesticide Rationale for Clothianidin: Lab Project Number: CLOTHIANIDIN 02-01. Unpublished study prepared by Exponent. 153 p.  |
| 45750300 | Gustafson LLC (2002) Submission of Product Chemistry Data in Support of the Application for Registration of Titan FL. Transmittal of 5 Studies.  |
| 45861400 | Bayer CropScience (2003) Submission of Toxicity Data in Support of the Application for Registration of Clothianidin 600FS. Transmittal of 1 Study.  |
| 45868000 | Bayer CropScience (2003) Submission of Toxicity Data in Support of the Application for Registration of Clothianidin 600FS. Transmittal of 1 Study.  |
| 45896100 | Arvesta Corporation (2003) Submission of Reduced-Risk Pesticide Rationale Data in Support of the Application for Registration of Clutch 50 WDG (TM-444). Transmittal of 1 Study.  |
| 45896101 | Daniels, C.; Habig, C.; Halarnkar, P.; et.al. (2003) Reduced-Risk Pesticide Rationale for Clothianidin: Lab Project Number: CLOTHIANIDIN 03-01: WD00525.000-EOTO-0303-0002. Unpublished study prepared by Exponent, Inc. 130 p.  |
| 46027100 | Arvesta Corporation (2003) Submission of Fate Data in Support of the Application for Registration of Clutch 50WDG. Transmittal of 1 Study. |
| 46088500 | Arvesta Corporation (2003) Submission of Product Chemistry Data in Support of the Applications for Registration of Belay 16 WSG and Arena 0.5G. Transmittal of 2 Studies. |
| 46144900 | Bayer CropScience (2003) Submission of Residue Data in Support of the Petition for Tolerance of Clothianidin on Sorghum and the Amended Registration of Poncho 600. Transmittal of 2 Studies. |
| 46149300 | Arvesta Corporation (2003) Submission of Product Chemistry Data in Support of the Application for Registration of TM-44401. Transmittal of 1 Study. |
| 46339000 | Bayer Crop Science and Sumitomo Chemical Takeda Agro Co (2004) Submission of Toxicity Data in Support of the Registrations of Poncho 600 and Clothianidin Technical. Transmittal of 10 Studies. |
| 46345600 | Sumitomo Chemical Takeda Agro Company Limited (2004) Submission of Product Chemistry Data in Support of the Amended Registration of Clothianidin Technical. Transmittal of 1 Study. |
| 46346800 | Arvesta Corporation (2004) Submission of Residue Data in Support of the Application for Registrations of Clutch 50WDG and Belay 16WSG. Transmittal of 2 Studies. |
| 46357300 | Arvesta Corporation (2004) Submission of Residue Data in Support of the Applications for Registration of Clutch 50WDG and Belay 16WSG. Transmittal of 2 Studies. |
| 46482300 | Bayer CropScience (2005) Submission of Product Chemistry, Toxicity and Residue Data in Support of the Application for Registration of AE 1283742 and the Petition for Tolerance of Clothianidin for Use on Cotton. Transmittal of 9 Studies. |
| 46536500 | Bayer CropScience LP (2005) Submission of Toxicity Data in Support of the Registration of Poncho 600 and Clothianidin Technical. Transmittal of 2 Studies. |
| 46536501 | Sargent, D.; Henry, B.; Burleson, G. (2005) Request for the Waiver of a Developmental Immunotoxicity Study Requirement for Clothianidin. Project Number: BCS/042705. Unpublished study prepared by Bayer CropScience LP. 33 p. |
| 46826900 | Bayer CropScience LP (2006) Submission of Toxicity, Environmental Fate and Fate Data in Support of the Applications for Registration of Clothianidin Technical, Poncho 600, and Titan FL. Transmittal of 4 Studies. |
| 46826904 | Arthur, E.; Shepherd, J.; Dominic, A. (2006) [Thiazole-2-(Carbon 14)] Clothianidin: Seed Leaching Study. Project Number: METIX050. Unpublished study prepared by Bayer CropScience LP. 88 p. |
| 46850600 | Bayer CropScience LP (2006) Submission of Product Chemistry Data in Support of the Application for Registration of Prosper T200 Insecticide and Fungicide Seed Treatment. Transmittal of 3 Studies. |
| 46853900 | Bayer CropScience (2006) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of Prosper T400 Insecticide and Fungicide Seed Treatment. Transmittal of 8 Studies. |
| 46859700 | Arysta LifeScience North America Corporation (2006) Submission of Product Chemistry Data in Support of the Registration of Arena 0.25 G Insecticide. Transmittal of 1 Study. |
| 46865800 | Bayer CropScience LP (2006) Submission of Product Chemistry Data in Support of the Application for Registration of Prosper T400 Insecticide and Fungicide Seed Treatment. Transmittal of 1 Study. |
| 46871000 | Arysta LifeScience North America Corporation (2006) Submission of Environmental Fate Data in Support of the Applications for Registration of Arena 50 WDG, Arena 0.5 G, and Celero 16 WDG. Transmittal of 1 Study. |
| 46871001 | Sabbagh, G.; Dyer, D.; Desmerteau, D. (2006) Mobility Potential of Clothianidin In Soil Profile for Uses on Turf. Project Number: METIY002. Unpublished study prepared by Bayer CropScience LP. 159 p. |
| 46907800 | Sumitomo Chemical Takeda Agro Co., Ltd. and Bayer CropScience LP (2006) Submission of Environmental Fate Data in Support of the Registrations of Clothianidin Technical, Poncho 600 and Titan FL. Transmittal of 2 Studies. |
| 46913100 | Bayer CropScience LP (2006) Submission of Environmental Fate Data in Support of the Registrations of Arena 50 WDG, Arena 0.5 G and Celero 16 WDG. Transmittal of 1 Study. |
| 46913101 | Hammel, K. (2004) Evaluation of the Time-Dependent Sorption of Clothianidin Based on Batch Equilibrium Experiments in Two Soils. Project Number: MEF/04/281, METIX046. Unpublished study prepared by Bayer Ag, Institute of Product Info. & Residue Anal. 31 p. |
| 46940000 | Arysta LifeScience North America Corporation (2006) Submission of Product Chemistry Data in Support of the Application for Registration of Arena 0.25 G Insecticide. Transmittal of 1 Study. |
| 46988200 | Arysta LifeScience North America Corporation (2006) Submission of Product Chemistry Data in Support of the Registrations of Areana 0.5 G and Celero 16 WSG. Transmittal of 2 Studies. |
| 47003700 | Bayer CropScience LP (2006) Submission of Product Chemistry Data in Support of the Registration of PROSPER T400 Insecticide and Fungicide Seed Treatment. Transmittal of 1 Study. |
| 47007800 | Bayer Crop Science LP. (2006) Submission of Product Chemistry, Toxicity, Residue, Exposure and Risk Data in Support of the Petitions for Tolerance of Clothianidin and Beta Cyfluthrin for use on Sugar Beets and the Application for Registration of Poncho Beta. Transmittal of 11 Studies. |
| 47007811 | Lunchick, C. (2006) Poncho Beta Sugar Beet Seed Treatment Worker Risk Assessment. Unpublished study prepared by Bayer Crop Science Lp. 7 p. |
| 47096000 | Arysta Lifescience North America (2006) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of ALOFT GC SC Insecticide, ALOFT LC SC Insecticide, ALOFT GC G Insecticide and ALOFT LC G Insecticide. Transmittal of 16 Studies. |
| 47177400 | Valent U.S.A. Corporation (2007) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of V-10170 2.13 SC Insecticide. Transmittal of 9 Studies. |
| 47199400 | Arysta LifeScience North America Corporation (2007) Submission of Toxicity Data in Support of the Registrations of Arena 50 WDG Insecticide, Celero 16 WSG Insecticide, Arena 0.5 G, and Arena 0.25 G Insecticide. Transmittal of 1 Study. |
| 47206500 | Bayer Advanced (2007) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of Insecticide TD Concentrate. Transmittal of 3 Studies. |
| 47226100 | Valent U.S.A. Corporation (2007) Submission of Product Chemistry Data in Support of the Application for Registration of V-10170 5 FS Insecticide. Transmittal of 2 Studies. |
| 47278100 | Sumitomo Chemical Takeda Agro Co., Ltd. (2007) Submission of Product Chemistry Data in Support of the Amended Registration of Clothianidin Technical. Transmittal of 1 Study. |
| 47437900 | Bayer Cropscience LP (2008) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of Three-Way VAP. Transmittal of 7 Studies. |
| 47471600 | Sumitomo Chemical Corporation (2008) Submission of Residue Data in Support of the Amended Registrations of Clothianidin Technical Insecticide, V-10170 2.13 SC Insecticide, Arena 50 WDG Insecticide and V-10170 5 FS Insecticide, and the Petition for Tolerance of Clothianidin for Use on Brassica (Cole) Vegetables, Cotton, Cucurbits, Fruiting Vegetables, Leafy Vegetables, Soybean and Tree Nuts. Transmittal of 16 Studies. |
| 47483000 | Bayer CropScience (2008) Submission of Product Chemistry, Environmental Fate, Residue, Toxicity and Exposure Data in Support of the Application for Registration of Sepresto 75 WS. Transmittal of 35 Studies. |
| 47483033 | Tang, Z. (2008) Groundwater Exposure Assessment for Clothianidin from Proposed Uses on Vegetables and Cereal Grains. Project Number: M/304828/01/1, RATIY024. Unpublished study prepared by Bayer CropScience. 61 p. |
| 47483034 | Lantz, J.; Tang, Z.; Desmarteau, D. (2008) Acute and Chronic Dietary Exposure Assessments for Clothianidin: Sepresto Submission. Project Number: M/305112/01/1, G201914. Unpublished study prepared by Bayer CropScience LP. 38 p. |
| 47483035 | Lunchick, C. (2008) Assessment of Worker Exposure and Risk Resulting from Commercial Treatment of Vegetable Seeds with Sepresto 75 WS. Project Number: M/305586/01/1, G201925. Unpublished study prepared by Bayer CropScience. 12 p. |
| 47483300 | Bayer CropScience (2008) Submission of Product Chemistry, Toxicity and Exposure and Risk Data in Support of the Application for Registration of Proceed Optimum. Transmittal of 9 Studies. |
| 47524000 | Bayer CropScience LP (2008) Submission of Residue Data in Support of the Application for Registration of Sepresto 75 WS. Transmittal of 1 Study. |
| 47526500 | Sumitomo Chemical Company, Ltd. (2008) Submission of Toxicity Data in Support of the Registration of Clothianidin Technical. Transmittal of 1 Study. |
| 47578100 | IR-4 Project and Agricultural Experiment Stations (2008) Submission of Residue Data in Support of the Registrations of Clothianidin Technical, Arena 50 WDG and V-10170 2.13 SC and the Petition for Tolerance of Clothianidin for Use on Cranberry and Peach. Transmittal of 3 Studies. |
| 47632500 | Valent U.S.A Corporation (2008) Submission of Exposure and Risk Data in Support of the Registration of V-10170.13 SC Insecticide, Arena 50 WDG Insecticide and V-10170 5 FS Insecticide. Transmittal of 1 Study. |
| 47632501 | Assaf, N. (2008) Aggregate Human Health Risk Assessment for Clothianidin: Final Study. Project Number: 200800360. Unpublished study prepared by Valent U.S.A. Corporation. 75 p. |
| 47662000 | Bayer Environmental Science (2009) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of Flower, Rose & Shrub Care II. Transmittal of 7 Studies. |
| 47662300 | Bayer Advanced (2009) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of Flower, Rose and Shrub Care III. Transmittal of 2 Studies. |
| 47666900 | Valent U.S.A Corporation (2009) Submission of Residue Data in Support of the Amended Registrations of V-101702.13C Insecticide and Arena 50 WDG Insecticide and the Petition for Tolerance of Clothianidin on Fig and Pomegranate. Transmittal of 2 Studies. |
| 47669600 | Bayer CropScience LP (2009) Submission of Exposure and Risk Data in Support of the Reregistration of Clothianidin. Transmittal of 1 Study. |
| 47669601 | Chalmers, A.; Heintzelman, D.; Van Duyn, G. (2009) Poncho Seed Treatment Incident in Germany (2008): Submission Package to the German Authority to Support Lifting the Suspension on Insecticide Seed Treatment use on Corn (Clothianidin). Project Number: B/2009/02/02. Unpublished study prepared by Bayer CropScience LP. 824 p. |
| 47758400 | Bayer CropScience LP (2009) Submission of Toxicity Data in Support of the FIFRA 6(a)(2) Data Requirements for Amitrole. Transmittal of 1 Study. |
| 47758401 | Neuberger, J.; Graves, L.; Doull, J.; et al. (2009) Thyroid Cancer Investigation at the Bayer CropScience Facility in Stillwell, Kansas. Project Number: G202055. Unpublished study prepared by University of Kansas School of Medicine. 22 p. |
| 47783700 | Bayer Advanced (2009) Submission of Toxicity and Product Chemistry Data in Support of the Application for Registration of Insecticide TD Granule. Transmittal of 2 Studies. |
| 47798700 | Bayer CropScience LP (2009) Submission of Exposure and Risk Data in Support of the FIFRA 6(a)(2) Data Requirements. Transmittal of 1 Study. |
| 47798701 | Schmuck, R; Keppler, J.; Neumann, P.; et al. (2009) Interim Results from a Maize Field Survey on Guttation of Maize Seedling and Uptake of this Guttation Fluid by Honeybees . Project Number: G202075. Unpublished study prepared by Bayer CropScience LP. 20 p. |
| 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.  |
| 47800528 | Bailey, J.; Scott-Dupree, C.; Harris, R.; et al. (2005) Contact and Oral Toxicity to Honey Bees (Apis mellifera) of Agents Registered for Use for Sweet Corn Insect Control in Ontario, Canada. Apidologie 36:623-633. |
| 47812300 | U.S. Environmental Protection Agency (2009) Submission of Toxicity and Residue Data in Support of Risk Assessment. Transmittal of 5 Studies. |
| 47812301 | Abbott, V.; Nadeau, J.; Higo, H.; et al. (2008) Lethal and Sublethal Effects of Imidacloprid on Osmia lignaria and Clothianidin on Megachile rotundata (Hymenoptera: Megachilidae). Ecotoxicology 101(3): 784-796. |
| 47831200 | Valent U.S.A. Corporation (2009) Submission of Product Chemistry Data in Support of the Registrations of V-10170 5 FS Insecticide and V-101702.13SC Insecticide. Transmittal of 2 Studies. |
| 47835900 | Bayer CropScience, LP (2009) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of Poncho Votivo. Transmittal of 8 Studies. |
| 47836300 | Bayer CropScience, LP (2009) Submission of Product Chemistry Data in Support of the Application for Registration of Poncho Beta. Transmittal of 1 Study.  |
| 47867000 | Valent BioSciences Corporation (2009) Submission of Residue Data in Support of the Application for Registration of Darlex Insecticide. Transmittal of 1 Study.  |
| 47881700 | Bayer CropScience, LP (2009) Submission of Exposure and Risk Data in Support of Risk Assessment of Clothianidin. Transmittal of 1 Study. |
| 47881701 | Federal Office of Agriculture (FOAG) (2009) Bee Health Monitoring in Switzerland (Translation): Clothianidin. Project Number: G202097, M/356596/01/3. Unpublished study prepared by Switzerland, Pesticides Dept., and Federal Office of Economic Affairs. 15 p. |
| 47955200 | Valent U.S.A. Corporation (2010) Submission of Product Chemistry, Efficacy, Fate, Residue, Environmental Fate, Toxicity, and Exposure and Risk Data in Support of the Experimental Use of Clothianidin in/on Rice Grain. Transmittal of 3 Studies. |
| 47955202 | Shen, S. (2010) Clothianidin - Summary of Data and Application to Support an Experimental Use Permit for Seed Treatment Use of V-10170 5 FS Insecticide for the Control of Rice Weevil and Grape Colaspis. Project Number: 201000015, V/37264. Unpublished study prepared by Valent U.S.A. Corporation. 47 p. |
| 47961200 | Bayer CropScience, LP (2010) Submission of Residue Data in Support of the Application for Registration of Sepresto 75 WS. Transmittal of 2 Studies. |
| 47961201 | Bocksch, S. (2010) Determination of Residues of Clothianidin and Imidacloprid and their Metabolites in Sweet Pepper following an Application of Clothianidin & Imidacloprid WS 56.25 + 18.75 as Seed Treatment: Final Report. Project Number: M/361762/01/1, S08/01368, M/361762/01/2/OCR. Unpublished study prepared by Eurofins - GAB GmbH. 130 p. |
| 47961202 | Bocksch, S. (2010) Determination of Residues of Clothianidin and Imidacloprid and their Metabolites in Melon following an Application of Clothianidin & Imidacloprid WS 56.25 + 18.75 as Seed Treatment: Final Report. Project Number: M/361798/01/1, S08/01369, M/361798/01/2/OCR. Unpublished study prepared by Eurofins - GAB GmbH. 196 p. |
| 47972300 | Bayer CropScience, LP (2010) Submission of Exposure and Risk, Economic, and Environmental Fate Data in Support of the Registration of Clothiandin. Transmittal of 7 Studies. |
| 47972301 | Liepold, K. (2010) Monitoring of Potential Effects of the Drilling of Clothianidin Treated Maize Seeds on Honeybees, Guttation Monitoring of Maize Seedlings under Agronomic Use Conditions and Assessment of the Relevance of Guttation for Honeybees in Languedoc-Roussillon (France): Final Report. Project Number: M/361110/01/1, S09/01404, S09/01404/01/BFEU. Unpublished study prepared by Eurofins - GAB GmbH. 111 p. |
| 47972302 | Liepold, K. (2010) Monitoring of Potential Effects of the Drilling of Clothianidin Treated Maize Seeds on Honeybees, Guttation Monitoring of Maize Seedlings under Agronomic Use Conditions and Assessment of the Relevance of Guttation for Honeybees in Champagne (France): Final Report. Project Number: M/361107/01/1, S09/01403, S09/01403/01/BFEU. Unpublished study prepared by Eurofins - GAB GmbH. 114 p. |
| 47972303 | Liepold, K. (2010) Monitoring of Potential Effects of the Drilling of Clothianidin Treated Maize Seeds on Honeybees, Guttation Monitoring of Maize Seedlings Under Agronomic Use Conditions and Assessment of the Relevance of Guttation for Honeybees in Aquitaine (France): Final Report. Project Number: M/361111/01/1, S09/01405, S09/01405/01/BFEU. Unpublished study prepared by Eurofins - GAB GmbH. 148 p. |
| 47972304 | Liepold, K. (2010) Monitoring of Potential Effects of the Drilling of Clothianidin Treated Maize Seeds on Honeybees, Guttation Monitoring of Maize Seedlings under Agronomic Use Conditions and Assessment of the Relevance of Guttation for Honeybees in Alsace (France): Final Report. Project Number: M/361103/01/1, S09/01402, S09/01402/01/BFEU. Unpublished study prepared by Eurofins - GAB GmbH. 140 p. |
| 47972305 | Rogers, D.; Williams, G.; Lam, C.; et al. (2010) Movento, Citrus and Honey Bees (Results of a Successful Cooperative Study): Presentation Given at the American Beekeeping Conference and Trade Show: Orlando Florida, January 12 - 15, 2010. Project Number: G202134. Unpublished study prepared by Bayer CropScience, LP. 39 p. |
| 47972306 | Dechet, F.; Seulberger, H.; Lefevre, M.; et al. (2009) Seed Treatment Dust: Preliminary Results on Dust-Off Dispersal, Implemented Exposure Mitigation Measures and Experiences with Dust-Off Under Agronomic Use Conditions: European Industry Presentation to the Bundesamt fur Verbraucherschutz and Lebensmittelsicherheit (BVL), dated November 27, 2009. Project Number: G202135. Unpublished study prepared by Bayer CropScience, LP. 36 p. |
| 47972307 | Below, F.; Haegele, J.; Cantao, F. (2010) Occurrence and Cause of Guttation. Project Number: M/359231/01/1. Unpublished study prepared by Bayer CropScience, LP. 17 p. |
| 47975300 | Bayer CropScience, LP (2010) Submission of Toxicity Data in Support of the FIFRA 6(a)(2) Data Requirements for Clothianidin. Transmittal of 1 Study. |
| 47975301 | Luckmann, J.; Hofmann, S.; Munderle, M.; et al. (2010) Field Survey on Guttation of Maize Seedlings under Agronomic Use Conditions in Austria and Assessment of the Relevance of Guttation Fluid for Honeybees: Final Report. Project Number: M/355018/02/1, R09105, EBTIL065. Unpublished study prepared by RIFCon GmbH. 251 p. |
| 47985400 | Bayer CropScience LP (2010) Submission of Product Chemistry Data in Support of the Registration of Poncho Votivo. Transmittal of 1 Study. |
| 48024200 | Bayer CropScience LP (2010) Submission of Product Chemistry, Toxicity, Efficacy and Exposure and Risk Data in Support of the Application for Registration of Penclotrime 310.68FS. Transmittal of 11 Studies. |
| 48024208 | Hines, D. (2010) Tier 2 Summary of the Physical, Chemical and Technical Properties of the Plant Protection Produce for Penclotrime 310.68FS. Project Number: 102000022377/01, US0015, M/365024/01/1/OCR. Unpublished study prepared by Bayer CropScience LP. 19 p. |
| 48024209 | Rupprecht, K.; Young, M. (2010) Tier 2 Summary of the Toxicological Studies and Exposure Data and Information on the Plant Protection Product for Penclotrime 310.68FS. Project Number: US0003, 102000022377/01, M35604401/1/OCR. Unpublished study prepared by Bayer CropScience LP. 26 p. |
| 48024210 | Bulman, P.; Henry, S. (2010) Penclotrime 310.68FS Fungicide and Insecticide Seed Treatment: (Rhizoctonia solani, Fusarium spp., Pythium Spp., Phoma lingam and Phylotreta spp.). Project Number: BYFCAN007, M365200/01/1, M/3652. Unpublished study prepared by Bayer CropScience. 979 p. |
| 48024211 | Bulman, P.; Henry, S. (2010) Summary of the Efficacy Data and Information (Including Value Data) of Penclotrime 310.68FS Fungicide and Insecticide Seed Treatment: (Phyllotreta spp., Rhizoctonia solani, Alternaria spp., Fusarium spp., Pythium spp., and Phoma lingam). Project Number: M/365454/01/1/OCR, M/365454/01/1. Unpublished study prepared by Bayer CropScience LP. 97 p. |
| 48024600 | Bayer CropScience (2010) Submission of Product Chemistry, Toxicity and, Exposure and Risk Data in Support of the Application for Registration of Penclo 273.5FS. Transmittal of 9 Studies. |
| 48024608 | Huang, J. (2010) Tier 2 Summary of the Physical, Chemical and Technical Properties of the Plant Protection Product for Penclo 273.5FS. Project Number: US0014, M/35528/01/1, 102000022950. Unpublished study prepared by Bayer CropScience. 17 p. |
| 48024609 | Rupprecht, K.; Young, M. (2010) Tier 2 Summary of the Toxicological Studies and Exposure Data and Information on the Plant Protection Product for Penclo 273.5FS. Project Number: 102000022950/01, US0001, M/365037/01/1. Unpublished study prepared by Bayer CropScience. 25 p. |
| 48038000 | Valent U.S.A. Corporation (2010) Submission of Residue Data in Support of the Registrations of V-10170 2.13 SC Insecticide and Arena 50 WDG Insecticide. Transmittal of 2 Studies. |
| 48038001 | Sambuichi, H. (2001) TI-435 50 WG, Summary Documentation: Insecticide for Use as Spray Treatment in Agriculture: Tier II Section 4, Residues In or On Treated Products, Food or Feed. Project Number: 201000093, 796476. Unpublished study prepared by Takeda Chemical Industries, Ltd. 19 p. |
| 48038004 | Burn, R. (2005) Determination of Residues of Clothianidin in Cotton Seed, Lint, Trash and Forage Following Applications of TI OZ- TI-435 200 SC and TI-435 500 WG. Project Number: 201000013, I05/011/435/COT/RES, SUM04429. Unpublished study prepared by Serve-Ag Research Pty, Ltd. 74 p. |
| 48043500 | Bayer CropScience LP (2010) Submission of Product Chemistry Data in Support of the Registration of Three Way VAP. Transmittal of 1 Study. |
| 48050900 | Bayer CropScience LP (2010) Submission of Product Chemistry Data in Support of the Registration of AE 1283742. Transmittal of 1 Study. |
| 48055300 | Valent U.S.A. Corporation (2010) Submission of Residue Data in Support of the Registrations of V-10170 2.13 SC Insecticide and Arena 50 WDG Insecticide. Transmittal of 2 Studies. |
| 48055301 | Mitchell, L. (2005) Determination of Residues of Clothianidin in Pome Fruit following Application of TI-435 500 WG or OZ-TI 435 200 SC. Project Number: 201000010, SCA/GLP/0502/1. Unpublished study prepared by Agrisearch Services Pty., Ltd. 104 p. |
| 48055302 | Mitchell, L. (2005) Determination of Residues of Clothianidin in Stone Fruit following Applications of TI-435 500 WDG or OZ TI-435 200 SC. Project Number: 201000011, SCA/GLP/0503/1. Unpublished study prepared by Agrisearch Services Pty., Ltd. 89 p. |
| 48156000 | Bayer Advanced (2010) Submission of Product Chemistry Data in Support of the Registration of Insecticide TD Concentrate. Transmittal of 1 Study. |
| 48156100 | Bayer Advanced (2010) Submission of Product Chemistry Data in Support of the Registration of Insecticide TD Granule. Transmittal of 1 Study. |
| 48170100 | Sumitomo Chemical Company and Bayer CropScience (2010) Submission of Residue Data in Support of the Registration of Clothianidin Technical and Sepresto 75 WS. Transmittal of 1 Study. |
| 48174000 | Arysta LifeScience North America, LLC (2010) Submission of Efficacy Data in Support of the Amended Registrations of Aloft GC SC Insecticide, Aloft LC SC Insecticide, Aloft GC G Insecticide and Aloft LC G Insecticide. Transmittal of 2 Studies. |
| 48194900 | U.S. Environmental Protection Agency (2010) Submission of Toxicity Data in Support of Risk Management. Transmittal of 2 Studies. |
| 48194901 | Scott-Dupree, C.; Conroy, L.; Harris, C. (2009) Impact of Currently Used or Potentially Useful Insecticides for Canola Agroecosystems on Bombus impatiens (Hymenoptera: Apidae), Megachile rotundata (Hymentoptera: Megachilidae), and Osmia lignaria (Hymenoptera: Megachilidae). Journal of Economic Entomology 102(1): 177-182. |
| 48276800 | Bayer Advanced (2010) Submission of Product Chemistry Data in Support of the Registration of Flower, Rose & Shrub Care III. Transmittal of 1 Study. |
| 48276900 | Bayer Advanced (2010) Submission of Product Chemistry Data in Support of the Registration of Flower, Rose & Shrub Care II. Transmittal of 1 Study. |
| 48298800 | Bayer CropScience (2010) Submission of Residue and Toxicity Data in Support of the 6(a)(2) Data Requirements for Poncho 600 FS. Transmittal of 5 Studies. |
| 48298801 | Staedtler, T. (2009) Determination of the Residue Levels of Clothianidin and its Metabolites TZMU and TZNG in Pollen Harvested from Maize Plants Grown in Commercial Practice from Poncho Pro Dressed Seeds (Nominally 1.25 mg Clothianidin/Seed) in the Upper Rhine Valley in Germany: Final Report. Project Number: 071, R08188/2, EBTOL040. Unpublished study prepared by RIFCon GmbH. 140 p. |
| 48298802 | Hecht-Rost, S. (2009) Assessment of Side Effects of Clothianidin FS 600B G Treated Maize Seed on the Honeybee (Apis mellifera L.) in a Long-Term Field Study in Alsace (France). Project Number: S08/01572, S08/01572/01/BFEU, S08/01572/02. Unpublished study prepared by Eurofins - GAB GmbH. 251 p. |
| 48298803 | Hecht-Rost, S. (2009) Assessment of Side Effects of Clothianidin FS 600B G Treated Maize Seed on the Honeybee (Apis mellifera L.) in a Long-Term Field Study in Champagne (France). Project Number: S08/01573, S08/01573/01/BFEU, S08/01573/02. Unpublished study prepared by Eurofins - GAB GmbH. 250 p. |
| 48298804 | Hecht-Rost, S. (2009) Assessment of Side Effects of Clothianidin FS 600B G Treated Maize Seed on the Honeybee (Apis mellifera L.) in a Long-Term Field Study in Languedoc-Roussilon (France). Project Number: S08/01575, S08/01575/01/BFEU, S08/01575/02. Unpublished study prepared by Eurofins - GAB GmbH. 243 p. |
| 48311200 | Valent U.S.A. Corporation (2010) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of Inovate Seed Protectant. Transmittal of 5 Studies. |
| 48311205 | Friedlander, B. (2010) Validation of an Analytical Method for the Determination of Clothianidin, Ipconazole and Metalazyl in Inovate Seed Protectant: Final Report Amendment - 01. Project Number: GRL/12911, 201000296. Unpublished study prepared by Chemtura Canada Co./Cie. 69 p. |
| 48350600 | Bayer CropScience (2011) Submission of Toxicity Data in Support of Reregistrations of the Cyfluthrin/Beta-Cyfluthrin Containing Products Tempo Ultra: Beta-Cyfluthrin Technical Insecticide, Baythroid XL, Baythroid Technical Insecticide and Baythroid 2 E. Transmittal of 31 Studies. |
| 48350631 | Barfknecht, R. (2004) Clothianidin & Beta-Cyfluthrin FS 400 + 53.3 (0.15 I Product / Unit) on Sugar Beet Pills; Acceptance Test Japanese Qual (Coturnix coturnix japonica) According to BBA 25-1. Project Number: E/203/2684/5, BAR/ANN092. Unpublished study prepared by Bayer CropScience. 24 p. |
| 48364500 | Bayer CropScience LP (2011) Submission of Exposure and Risk Data in Support of Risk Assessment. Transmittal of 2 Studies. |
| 48364501 | Cutler, C.; Scott-Dupree, C. (2011) Comments from Professors Scott-Dupree and Cutler to the 12/02/2010 EPA EFED Clothianidin Assessment and the MRID # 46907801/46907802 Reclassification Memo. Project Number: US0145. Unpublished study prepared by University of Guelph and Nova Scotia Dept. of Agriculture & Marketing. 10 p. |
| 48364800 | Valent U.S.A. Corporation (2011) Submission of Residue and Environmental Fate Data in Support of the Amended Registration of Clothianidin Technical Insecticide. Transmittal of 4 Studies. |
| 48364801 | Charlton, R. (2010) Clothianidin: Waiver Request for Water, Fish, and Irrigated Crops Residue Study. Project Number: VP/37800. Unpublished study prepared by Valent U.S.A. Corporation. 8 p. |
| 48387200 | Bayer CropScience (2011) Submission of Exposure and Risk Data in Support of Risk Assesment. Transmittal of 1 Study. |
| 48387201 | Bowers, L.; Dyer, D.; Fischer, D.; et al. (2011) Bayer CropScience Comments on Clothianidin EPA-EFED Assessment, Dated December 2nd, 2010. Project Number: US0142. Unpublished study prepared by Bayer CropScience LP. 77 p. |
| 48414900 | Bayer CropScience (2011) Submission of Toxicity Data in Support of the 6(a)(2) Data Requirements for Clothianidin. Transmittal of 1 Study. |
| 48414901 | Kling, A. (2005) Assessment of Chronic Effects of Clothianidin to the Honey Bee, Apis mellifera L., in a 10 Days Laboratory Test: Final Report. Project Number: M/255911/02/2, 20051186/01/BLEU. Unpublished study prepared by GAB Biotechnologie Gmbh. 142 p. |
| 48438000 | Valent U.S.A. Corp. (2011) Submission of Pesticide Use Data in Support of the Amended Registration of V-10170 5 FS Insecticide. Transmittal of 1 Study. |
| 48438001 | Shen, S. (2011) Justification of Adding leafy Green Subgroup (4A) to Clothianidin Seed Treatment Application Based on Established Tolerances from Foliar and In-Furrow Use. Project Number: 201100103, 38058. Unpublished study prepared by E. I. Du pont de Nemours and Co., Inc. (S300/419). 7 p. |
| 48448800 | Bayer CropScience (2011) Submission of Toxicity Data in Support of the Registration of Clothianidin. Transmittal of 3 Studies. |
| 48448802 | Simoens, C.; Jacobs, F. (2005) Effect of Clothianidin on Honeybee Food Gland Development: Microscopic Analysis. Project Number: USO164. Unpublished study prepared by Universiy Gent: Laboratorium Zoofysiologie. 11 p. |
| 48448803 | Maus, C. (2011) Clothianidin Tech: Effects of Exposure to Spiked Diet on Honeybee (Apis mellifera carnica) Larvae in an in vitro Laboratory Testing Design: Amended Report. Project Number: E/318/3692/2, MAUS/AM049/1. Unpublished study prepared by Bayer CropScience. 48 p. |
| 48486900 | Bayer CropScience (2011) Submission of Environmental Fate Data in Support of the FIFRA 6(a)(2) Data Requirements for Clothianidin Technical. Transmittal of 1 Study. |
| 48491300 | Bayer CropScience (2011) Submission of Product Chemistry Data in Support of the Registration of Sepresto 75 WS. Transmittal of 1 Study. |
| 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. |
| 48499800 | Interregional Research Project No. 4 (2011) Submission of Pesticide Use Data in Support of the Proposed New Crop Group 24 - Stalk, Stem and Leafy Petiole. Transmittal of 1 Study. |
| 48499801 | Barney, W.; Switek, T. (2011) Crop Grouping Petition - Stalk, Stem and Leafy Petiole Vegetable, Technical Amendment. Project Number: PR/10790. Unpublished study prepared by Interregional Research Project No. 4. 548 p. |
| 48505200 | Valent U.S.A. Corporation (2011) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of NipIt SUITE Cereals OF Seed Protectant NOVATE Seed Protectant. Transmittal of 8 Studies. |
| 48517100 | Bayer CropScience LP (2011) Submission of Product Chemistry Data in Support of the Application for Registration of PENCLO 273.5FS. Transmittal of 1 Study. |
| 48522900 | Bayer CropScience (2011) Submission of Product Chemistry Data in Support of the Registration of Proceed Plus. Transmittal of 1 Study. |
| 48525800 | Valent USA Corporation (2011) Submission of Product Chemistry Data in Support of the Application for Registration of Nipslt Suite Cereal of Seed Protectant. Transmittal of 1 Study. |
| 48531800 | Valent U.S.A. Corporation (2011) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of NipsIt SUITE Canola Seed Protectant. Transmittal of 8 Studies. |
| 48577800 | Bayer CropScience LP (2011) Submission of Product Chemistry Data in Support of the Amended Registrations of Poncho/Votivo and Poncho/GB126. Transmittal of 1 Study. |
| 48596300 | Bayer CropScience (2011) Submission of Product Chemistry and Toxicity Data in Support of the Amended Registration of Poncho/Votivo. Transmittal of 2 Studies. |
| 48600000 | Interregional Research Project No. 4 (2011) Submission of Residue Data in Support of the Registrations of Arena 50 WDG and V-10170 2.13 SC and the Petition for Tolerance of Clothianidin for Use on Stawberry, Nectarine, Crop Group 10-10, Pistachio and Tea. Transmittal of 5 Studies. |
| 48600005 | Corley, J. (2011) Summary Report of Magnitude of Residue Data in/on Tea Provided by Valent USA. Project Number: 10876. Unpublished study prepared by Valent U.S.A. Corp. 93p. |
| 48632200 | Arysta LifeScience North America, LLC (2011) Submission of Efficacy Data in Support of the Amended Registrations of Aloft GC SC Insecticide and Aloft LC SC Insecticide. Transmittal of 1 Study. |
| 48677200 | Valent BioSciences Corporation (2011) Submission of Product Chemistry, Toxicity, Efficacy and Exposure and Risk Data in Support of the Application for Registration of VBC3 Concentrate. Transmittal of 19 Studies. |
| 48677210 | Driver, J.; Ross, J. (2011) Evaluation of Potential Human Health Risks Associated with Residential Use of Valent Bed Bug Combination (VBC) Insecticide. Project Number: VBC/004/11. Unpublished study prepared by Risksciences.net, LLC. 24p. |
| 48677211 | Driver, J.; Ross, J. (2011) Evaluation of Potential Human Health Risks Associated with Applicator Use of Valent Bed Bug Combination (VBC) Insecticide. Project Number: VBC/005/11. Unpublished study prepared by Risksciences.net, LLC. 20p. |
| 48677218 | Koehler, P.; Pereira, R. (2011) VBC3 vs Bed Bugs: (Efficacy Data). Unpublished study prepared by University of Florida. 5p. |
| 48677219 | Snell, E.; Smith, T.; Brown, D. et al. (2011) Efficacy of VBC3(S) Concentrate and Bedlam Insecticide When Applied to Susceptible and Wild Strain Bed Bugs (Cimex lectularius). Project Number: 311/00 MC/261128. Unpublished study prepared by Snell Scientifics, LLC. 30p. |
| 48678200 | Valent U.S.A. Corporation (2011) Submission of Product Chemistry Data in Support of the Registration of INOVATE Seed Protectant. Transmittal of 2 Studies. |
| 48708200 | Valent U.S.A. Corporation (2011) Submission of Product Chemistry and Residue Data in Support of the Amended Registrations of V-10170 2.13 SC Insecticide and Arena 50 WDG Insecticide and the Petition for Tolerance of Clothianidin For Use on Pepper/Eggplant Subgroup (8-10B). Transmittal of 5 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). |
| 48720600 | Bayer CropScience LP (2012) Submission of Fate Data in Support of the Amended Registration of Poncho Votivo. Transmittal of 3 Studies. |
| 48720700 | Valent U.S.A. Corporation (2013) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of Inovate Pro. Transmittal of 5 Studies.  |
| 48720703 | Friedlander, B. (2013) Validation of an Analytical Method for the Determination of Clothianidin, Ipconazole and Metalaxyl in Inovate Pro, UBI 7004-00. Project Number: GRL/13225. Unpublished study prepared by Chemtura Canada Co./Cie. 79p. |
| 48739900 | Valent BioSciences Corporation (2012) Submission of Exposure and Risk Data in Support of the Application for Registration of VBC3. Transmittal of 2 Studies. |
| 48739901 | Driver, J.; Ross, J. (2012) Evaluation of Potential Human Health Risks Associated with Residential Use of Valent Bed Bug Combination (VBC3) Insecticide. Project Number: VBC/001/12. Unpublished study prepared by Risksciences.net, LLC. 28p. |
| 48739902 | Driver, J.; Ross, J. (2012) Evaluation of Potential Human Health Risks Associated with Applicator Use of Valent Bed Bug Combination (VBC3) Insecticide. Project Number: VBC/002/12. Unpublished study prepared by Risksciences.net, LLC. 21p. |
| 48752200 | Arysta LifeScience North America, LLC (2012) Submission of Product Chemistry Data in Support of the Registrations of Aloft GC SC Insecticide and Aloft LC SC Insecticide. Transmittal of 1 Study. |
| 48753300 | Arysta LifeScience North America, LLC (2012) Submission of Product Chemistry Data in Support of the Registrations of Aloft GC G Insecticide and Aloft LC G Insecticide. Transmittal of 1 Study. |
| 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. |
| 48842500 | Valent USA Corporation (2012) Submission of Environmental Fate Data in Support of the Registration of Clothianidin Technical Insecticide. Transmittal of 2 Studies. |
| 48842502 | Negley, L. ; Gehl, L. (2012) Assessment of Clothianidin Mobility Using Groundwater Modeling at Terrestrial Field Dissipation Trial Sites Located Across North America. Project Number: 201200181/OCR, VP/38229. Unpublished study prepared by Arcadis U.S., Inc. 225p. |
| 48875700 | Valent BioSciences Corporation (2012) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of Clothianidin 7.5 MC. Transmittal of 9 Studies. |
| 48876800 | Valent U.S.A. Corporation (2012) Submission of Exposure and Risk Data in Support of the Registration Review of Clothiandin Technical Insecticide. Transmittal of 1 Study. |
| 48876801 | Patnaude, M. (2011) Clothianidin: 21-Day Survival of Honey Bee Larvae, Apis Mellifera L., During an in vitro Exposure. Project Number: 12709/6318, 201100444. Unpublished study prepared by Smithers Viscient Laboratories. 89p. |
| 48877300 | Bayer CropScience LP (2012) Submission of Product Chemistry Data in Support of the Amended Registration of Poncho/Votivo. 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. |
| 48937600 | Valent U.S.A. Corporation (2012) Submission of Product Chemistry Data in Support of the Registration of Nipsit Suite Canola See Protectant. Transmittal of 1 Study. |
| 48961800 | Bayer CropScience (2012) Submission of Toxicity Data in Support of the Registration of Clothianidin Technical. 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. |
| 48998600 | Valent BioSciences Corporation (2012) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of VBC3 Aerosol. Transmittal of 4 Studies. |
| 49005700 | Valent USA Corporation (2013) Submission of Toxicity Data in Support of the Registration of Clothianidin Technical Insecticide. Transmittal of 2 Studies. |
| 49005701 | Sekine, T. (2009) Determination of Clothianidin a.s. Residues in Honey Bees (Apis mellifera L.) after Contact and Oral Application in the Laboratory - 1st Amendment to Final Report. Project Number: M/352033/02/2/OCR, 43951035, EBTIL038. Unpublished study prepared by Institut fuer Biologische Analytik und Consulting IBACON. 133p. |
| 49005702 | Schmitzer, S. (2009) Determination of AE 0364971 Residues in Honey Bees (Apis mellifera L.) after Contact and Oral Application in the Laboratory: Final Report. Project Number: M/350554/01/2/OCR, 45241035, EBTIL040. Unpublished study prepared by Institut fuer Biologische Analytik und Consulting IBACON. 111p. |
| 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. |
| 49008400 | Valent U.S.A. Corporation (2012) Submission of Product Chemistry Data in Support of the Registration of Nipsit Suite Cereals of Seed Protectant. Transmittal of 1 Study. |
| 49041500 | Valent Biosciences Corporation (2013) Submission of Product Chemistry and Efficacy Data in Support of the Registration of VBC3 Insecticide. Transmittal of 2 Studies. |
| 49072100 | Bayer CropScience (2013) Submission of Product Chemistry, Toxicity and Efficacy Data in Support of the Application for Registration of BES0600 Insecticide. Transmittal of 9 Studies.  |
| 49072108 | Brill, J.; Dyer, D.; Lunchick, C.; et al. (2013) Reduced Risk Rationale for the Use of Clothianidin (TI-435) as a Cockroach Bait Gel for Use by Commercial Applicators in Commercial, Institutional and Warehousing Establishments (Including Computer Facilities, Food/Feed Processing Plants, Hospitals, Hotels, Laboratories, Motels, Nursing Homes, Pet Shops, Restaurants, Schools, Supermarkets, Warehouses and Zoos), Residences and Transportation Equipment (Aircraft, Buses, Boats/Ships and Trains): (Part 1). Project Number: M/453448/02/1, US0349. Unpublished study prepared by Bayer CropScience LP. 73p. |
| 49072109 | Daniels, R.; Ramanarayanan, T.; Reid, B. (2013) Resistance Management, Comparative Performance, and Market Analysis for BES0600 Insecticide: Reduced Risk Rationale for the Use of Clothianidin (TI-435) as a Cockroach Bait Gel for Use by Commercial Applicators in Commercial, Institutional and Warehousing Establishments (Including Computer Facilities, Food/Feed Processing Plants, Hospitals, Hotels, Laboratories, Motels, Nursing Homes, Pet Shops, Restaurants Schools, Supermarkets, Warehouses and Zoos), Residences and Transportation Equipment (Aircraft, Buses, Boats/Ships and Trains): (Part II). Project Number: M/453451/02/1, US0350. Unpublished study prepared by Bayer CropScience LP. 30p. |
| 49073600 | Bayer CropScience (2013) Submission of Residue, Efficacy and Fate Data in Support of the Registration of Clothianidin Technical. Transmittal of 56 Studies. |
| 49073601 | Riggs, J. (2013) Poncho: Corn Seed Treatment Activity Against Spodoptera frugiperda (SPODFR) on Leaves / Stem and Examples of Efficacy Rate Research. Project Number: M/462802/01/1, US0378. Unpublished study prepared by Bayer CropScience LP. 21p. |
| 49073602 | Cody, P. N. (2013) Compilation of Autoradiographic Study Data on the Distribution of Imidacloprid and Clothianidin Residues in Plant Tissues in Accordance with US EPA Data Submission Requirement. Project Number: M/462516/01/1, US0370. Unpublished study prepared by Bayer CropScience LP. 146p. |
| 49073603 | Babezinski, P.; Reckmann, U. (1999) Translocation of TI-435 in Corn Roots after Seed Dressing: A Laboratory Report. Project Number: M/006823/01/2, US372 RMU/627. Unpublished study prepared by Bayer CropScience LP. 14p. |
| 49073604 | Nauen, R.; Kwiatkowski, P. (2008) Imidacloprid Residue Movement in Plants Following Foliar Applications and the Implications for Potential Bee Exposure. Project Number: M/308631/01/2 US0371. Unpublished study prepared by Bayer CropScience LP. 11p. |
| 49073607 | Nikolakis, A.; Przygoda, D. (2011) Determination of the Residue Levels of Clothianidin, TZNG and TZMU in Bee Relevant Matrices of Two Different Varieties of Winter Rape at Bayer CropScience AG Experimental Farm "Laacher Hof", Germany. Project Number: M/412082/01/2 E/319/3753/1 EBTIL076. Unpublished study prepared by Bayer CropScience AG. 80p. |
| 49073608 | Nikolakis, A.; Gladbach, D. (2012) Determination of the Residue Levels of Clothianidin, TZNG and TZMU in Bee Relevant Matrices of Two Different Varieties of Spring Rape at Bayer CropScience AG Experimental farm Laacher Hof, Germany. Project Number: M/421580/01/2 E/319/3893/6 EBTIL076. Unpublished study prepared by Bayer CropScience AG. 82p. |
| 49073609 | Maus, C. (2002) Evaluation of the Effects of Residues of TI 435 in Maize Pollen from Dressed Seeds on Honeybees (Apis mellifera) in the Semifield. Project Number: M/043264/01/2, MAUS/AM/017 E/319/2047/6. Unpublished study prepared by Bayer AG. 63p. |
| 49073610 | Maus, C. (2002) Residue Levels of TI 435 and its Relevant Metabolites in Pollen of Maize Plants from Dressed Seeds. Project Number: M/067021/01/2 MAUS/AM/013 E/370/2055/2. Unpublished study prepared by Bayer AG. 26p. |
| 49073611 | Schoning, R. (2005) Determination of Residues of Clothianidin and Metabolites in/on Corn Pollen after Seed Treatement of TI 435 (600 FS) in the Field in Germany, Northern France and Southern France. Project Number: M/243318/01/2, MR/161/04, P672044714. Unpublished study prepared by Bayer CropScience Ag. 55p. |
| 49073612 | Schoning, R. (2005) Determination of the Residues of TI 435 in/on Corn after Seed Treatment of TI 435 (600 FS) in the Field in Southern France. Project Number: M/255328/01/2, RA/2155/04. Unpublished study prepared by Bayer CropScience AG. 46p. |
| 49073617 | Claben, C. (2009) Clothianidin FS 600B G: A Residue Study with Clothianidin FS 600B G Treated Maize Seed, Investigating Residues in Crop, Soil and Honeybee Products in Alsace (France). Project Number: M/347727/01/2, S08/02437, S08/02437/01/BZEU. Unpublished study prepared by Eurofins - GAB GmbH. 236p. |
| 49084500 | Agricultural Handler Exposure Task Force (2013) Submission of Exposure/Risk Data in Support of Risk Assessment. Transmittal of 6 Studies.  |
| 49084501 | Krolski, M (2013) Observational Study to Determine Dermal and Inhalation Exposure to Workers in Commercial Seed Treatment Facilities: Mixing/Treating with a Liquid Pesticide Product and Equipment Clean-out. Project Number: RAELP017, AH806. Unpublished study prepared by Bayer CropScience, Grayson Research, LLC. 1212p. |
| 49104800 | Bayer CropScience (2013) Submission of Toxicity Data in Support of the Registration Review of the Clothianidin Containing Product Clothianidin Technical Insecticide. Transmittal of 2 Studies.  |
| 49142100 | Arysta LifeScience North America, LLC (2013) Submission of Efficacy Data in Support of the Amended Registrations of Aloft GC G Insecticide and Aloft LC G Insecticide. Transmittal of 1 Study. |
| 49148500 | Valent U.S.A. Corporation (2013) Submission of Toxicity and Fate Data in Support of the Chemical Review of Clothianidin. Transmittal of 4 Studies. |
| 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. |
| 49188800 | Valent USA Corporation (2013) Submission of Toxicity Data in Support of the FIFRA 6(a)(2) Data Requirement for V-10170 2.13SC Insecticide. Transmittal of 1 Study. |
| 49198700 | Valent U.S.A Corporation (2014) Submission of Product Chemistry Data in Support of the Amended Registration of Clothianidin Technical Insecticide. Transmittal of 4 Studies. |
| 49208400 | Valent U.S.A. Corporation (2013) Submission of Environmental Fate Data in Support of Risk Assessment. 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. |
| 49209300 | Bayer CropScience (2013) Submission of Residue Data in Support of Risk Assessment. Transmittal of 1 Study. |
| 49209301 | Henderson, C.; Bromenshenk, J.; Fischer, D. (2013) Clothianidin Exposure Levels from Bee-Collected Pollen and Nectar in Seed-Treated and Canola Plantings. Project Number: M/462673/01/1. Unpublished study prepared by Bayer CropScience LP. 27p. |
| 49245700 | Valent U.S.A. Corporation (2014) Submission of Residue Data in Support of the Experimental Use of Clothianidin on Field Corn, Popcorn, Sweet Corn, and Corn Grown for Seed. Transmittal of 1 Study. |
| 49245701 | Shen, S. (2014) Clothianidin - Summary of Data and Application to Support an Experimental Use Permit (EUP) for Use of V10066 SC Insecticide and V10170 50 WDG Insecticide as a Soil Applied Treatment on Field Corn, Popcorn, Sweet Corn and Corn Grown for Seed. Project Number: 201400062, VP/38832, RM/39P/1. Unpublished study prepared by Valent U.S.A. Corporation. 190p. |
| 49248300 | Bayer CropScience (2013) Submission of Toxicity Data in Support of the Registration Review of Clothianidin Technical. Transmittal of 1 Study. |
| 49248301 | Scott-Dupree, C.; Brewer, L.; Cutler, C. (2012) Potential Long-Term Influences of Clothianidin-Treated Canola Seed Plantings on Honey Bees (Apis mellifera L.). Project Number: 13798/4132, EBTIL117. Unpublished study prepared by Smithers Viscient. 352p. |
| 49281300 | Bayer CropScience, LLC (2014) Submission of Toxicity Data in Support of the 6(a)(2) Data Requirements for Clothianidin Technical. Transmittal of 1 Study. |
| 49315000 | Valent U.S.A. Corporation (2014) Submission of Toxicity Data in Support of the Chemical Review of Cothianidin. Transmittal of 1 Study. |
| 49317900 | Valent U.S.A. Corporation (2014) Submission of Residue Data in Support of the Chemical Review of Clothianidin. Transmittal of 1 Study. |
| 49338600 | McLaughlin Gormley King Company (2014) Submission of Efficacy Data in Support of the Amended Registration of VBC3 Insecticide. Transmittal of 2 Studies. |
| 49340100 | Interregional Research Project No. 4 (2014) Submission of Residue Data in Support of the Petition for Tolerance of Clothianidin for Use on Peach, Rice, Fruiting Vegetable, Pepper, Grape and Tree Nut. Transmittal of 4 Studies. |
| 49340101 | Samoil, K. (2013) Clothianidin: Magnitude of the Residue on Cherry: Final Report. Project Number: 10377, 10377/10/CAR11, 10377/10/CA40. Unpublished study prepared by University of California Kearney Agricultural Center, Compass Agri-Tech and Michigan State University. 103p. |
| 49340102 | Ballantine, J. (2007) Clothianidin: Magnitude of the Residue on Cherry: Final Report. Project Number: AAFC04/076R, AAFC04/076R/472, AAFC04/076R/053. Unpublished study prepared by University of California, Davis. 330p. |
| 49340103 | Samoil, K. (2012) Clothianidin: Magnitude of the Residue on Plum: Final Report. Project Number: 10376, 10376/10/CAR12, 10376/10/CA37. Unpublished study prepared by University of California Kearney Agricultural Center, University of California, Davis and Oregon State University. 130p. |
| 49340104 | Ballantine, J. (2007) Clothianidin: Magnitude of the Residue on Plum: Final Report. Project Number: AAFC04/075R, AAFC04/075R/471. Unpublished study prepared by University of California, Davis. 334p. |
| 49372000 | Valent U.S.A. Corporation (2014) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of INTEGO SUITE Neutral Seed Protectant. Transmittal of 7 Studies. |
| 49372100 | Valent U.S.A. Corporation (2014) Submission of Toxicity and Residue Data in Support of the Experimental Use of Clothianidan on Corn. Transmittal of 2 Studies. |
| 49372500 | Valent U.S.A. Corporation (2014) Submission of Product Chemistry and Exposure & Risk Data in Support of the Amended Registration of Arena 50 WDG Insecticide. Transmittal of 3 Studies. |
| 49372502 | Hassinger, C.; Negley, T. (2014) Clothianidin: Ecological Exposure Modeling of Estimated Environmental Concentrations in Surface Water Following In-Furrow Application in the United States. Project Number: VP/38856A. Unpublished study prepared by Arcadis. 18p. |
| 49372503 | Hassinger, C.; Negley, T. (2014) Clothianidin: Estimated Drinking Water Concentrations Modeled in Groundwater and Surface Waters of the United States Following In-Furrow Application. Project Number: VP/38856B. Unpublished study prepared by Arcadis. 26p. |
| 49385500 | Bayer CropScience LP (2014) Submission of the Toxicity and Environmental Fate Data in Support of the Registration Review of Clothianidin. Transmittal of 2 Studies.  |
| 49385501 | Prudy, J. (2014) Bayer CropScienceSentinel Hive Study Year 1 Interim Report (2013). Project Number: CETIN005, M/483826/01/1. Unpublished study prepared by Activation Laboratories, Ltd. 99p. |
| 49385502 | Reichert, R. (2014) Laboratory Quantification of the Reduction of Potential Dust Emissions from a Jonh Deere Vaccum Planter Meter with an Altenative Planter Lubricant. Project Number: M/484932/01/1. Unpublished study prepared by Bayer CropScience. 8p. |
| 49408300 | McLaughlin Gormley King Company (2014) Submission of Product Chemistry Data in Support of the Risk Assessment. Transmittal of 1 Study. |
| 49419200 | McLaughlin Gormley King Company (2014) Submission of Efficacy Data in Support of the Application for Registration of MGK Formula 30642. Transmittal of 2 Studies.  |
| 49447700 | Valent USA (2014) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of INTEGO SUITE Seed Protectant. Transmittal of 3 Studies. |
| 49447800 | Valent U.S.A. Corporation (2014) Submission of Toxicity Data in Support of the Application for Registration of INTEGO SUITE Neutral Seed Protectant. Transmittal of 6 Studies.  |
| 49465300 | Valent U.S.A. Corporation (2014) Submission of Product Chemistry Data in Support of the FIFRA 6(a)(2) Data Requirements for Clothianidin Technical. Transmittal of 1 Study.  |
| 49478400 | Valent U.S.A. Corporation (2014) Submission of Pesticide Use and Residue Data in Support of the Registration Review of Clothianidin. Transmittal of 3 Studies. |
| 49478402 | Shen, S. ; Allen, R. (2014) Clothianidin: Proposal to Modify Environmental Hazard Statement for Sublabel 1 of V-10170 2.13 SC and Arena 50 WDG Insecticide. Project Number: VP/38903, 201400190, V/99/21346. Unpublished study prepared by Valent U.S.A. Corporation. 10p. |
| 49478403 | Allen, R. (2014) Clothianidin: Response to EPA''s Proposed Neonicotinoid Residue Strategy. Project Number: VP/38909, 201400191, VP/38685. Unpublished study prepared by Valent U.S.A. Corporation. 13p. |
| 49485000 | Valent USA Corporation (2014) Submission of Product Chemistry Data in Support of the Registration of Inovate Pro. Transmittal of 1 Study.  |
| 49486900 | Bayer Cropscience LP (2014) Submission of Environmental Fate Data in Support of the Registration Review of Clothianidin. Transmittal of 2 Studies.  |
| 49486901 | Dyer, D. (2014) Clothianidin - Overview of Accumulation in Soil and Bioavailability for Uptake into Crops, Pollen and Nectar. Project Number: USO440, M/497930/01/1. Unpublished study prepared by Bayer Cropscience LP. 24p. |
| 49486902 | Heinemann, O.; Telscher, M. (2009) Determination of the Residues of TI-435 in/on Soil, Winter Wheat and Durum Wheat after Seed Treatment of TI 435 (600FS) in Germany, Southern France and Great Britain. Project Number: RA/2147/00, M/356604/02/2, R/2000/0578/4/0578/00. Unpublished study prepared by Bayer CropScience. 304p. |
| 49489400 | Bayer CropScience LP (2014) Submission of Environmental Fate Data in Support of the Registration Review of Clothianidin. Transmittal of 1 Study. |
| 49489401 | Xu, T.; Dyer, D. (2014) Clothianidin Plant Bioavailability and Soil Accumulation Study. Project Number: METIY004, M/498438/01/1, VP/38300. Unpublished study prepared by Bayer CropScience LP, Valent USA Corporation and Agvise Laboratories. 663p. |
| 49522800 | McLaughlin Gormley King Company (2014) Submission of Efficacy Data in Support of the Amended Registration of VBC3 Insecticide. Transmittal of 1 Study.  |
| 49522801 | Suranyi, R. (2014) Rebuttal to Efficacy DER Dated September 11, 2014. Project Number: MGK/REG/247. Unpublished study prepared by McLaughlin Gormley King Company. 20p. |
| 49531600 | Bayer CropScience (2015). Submission of Residue and Environmental Fate Data in Support of the FIFRA 6(a)(2) Data Requiremnets for Clothianidin Technical Insecticide. Transmittal of 10 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. |
| 49551600 | McLaughlin Gormley King Company (2015) Submission of Product Chemistry and Efficacy Data in Support of the Application for Registration of MGK(R) Formula 30643. Transmittal of 5 Studies. |
| 49561600 | McLaughlin Gormley King Company (2015) Submission of Product Chemistry, Toxicity and Efficacy Data in Support of the Application for Registration of MGK(R) Formula 3113. Transmittal of 12 Studies.  |
| 49570700 | Valent U.S.A. Corporation (2015) Submission of Toxicity, Environmental Fate, Exposure & Risk and Residue Data in Support of the FIFRA 6(a)(2) Data Requirements for Clothianidin. Transmittal of 7 Studies. |
| 49570701 | Harkin, S. (2014) Clothianidin: Acute Contact and Oral Toxicity to Bumblebee (Bombus terrestris): Final Report. Project Number: THW/0376, B2AK1000. Unpublished study prepared by The Food and Environmental Research Agency. 102p. |
| 49570702 | Harrington, P. (2013) Santana (a.s. clothianidin 1%): Exposure of Honeybee Colonies to Clothianidin in Pollen and Nectar from Sunflowers Grown as a Follow-On Crop: Final Report. Project Number: THW/0338, V7YD1000. Unpublished study prepared by Centre for Chemical Safety & Stewardship The Food and Environmental Research Agency. 129p. |
| 49570703 | Lebrun, F. (2014) Magnitude of the Residue of clothianidin and its Metabolites in Pollen and Nectar in Succeeding Crop: Northern and Southern Europe - 2014. Project Number: THW/0380, 14SGS019. Unpublished study prepared by SGS Agri Min. 256p. |
| 49570704 | Thompson, H. (2013) Dantop 50WG: Effects of a Spray Application of Clothianidin in Potatoes on Honeybees: Final Report. Project Number: THR/0337, VYXW1004, STC/12/E728. Unpublished study prepared by Environmental Risk Assessment Chemical Safety and Stewardship The Food and Environmental Research Agency. 164p. |
| 49570705 | Bigwood, T. (2014) Dantop 50WG: Residues on the Surface of Leaves after a Spray Application in Potatoes: Final Report. Project Number: THR/0775, V7XW1005, STC/12/E728. Unpublished study prepared by Environmental Risk Assessment Centre for Chemical Safety and Stewardship The Food and Environmental Research Agency. 199p. |
| 49570706 | Ansaloni, T. (2014) Effects of Clothianidin 0.7 GR in Guttation Water on Bees (Apis mellifera L.) Colony under Field Conditions. Project Number: THW/0384, TRC14/038BA. Unpublished study prepared by Trialcamp. 113p. |
| 49570707 | Bousquet, C. (2014) Magnitude of the Residue of Clothianidin and its Metabolites in Potato Pollen in Northern and Southern Europe - 2014. Project Number: THW/0381, 14SGS021. Unpublished study prepared by SGS Agri Min. 225p. |
| 49581700 | Valent U.S.A. Corporation (2015) Submission of Toxicity, Environmental Fate, Exposure & Risk, and Residue Data in Support of the FIFRA 6(a)(2) Data Requirements for Clothianidin. Transmittal of 1 Study. |
| 49581701 | Harkin, S. (2014) Clothianidin: Acute Contact and Oral Toxicity to Bumblebee (Bombus terrestris): Final Report. Project Number: B2AK1000, THW/0376. Unpublished Study Prepared by the Food and Environmental Research Agency. 102p. |
| 49602800 | Valent U.S.A. Corporation (2015) Submission of Environmental Fate and Toxicity Data in Support of the Registration Review Clothianidin. Transmittal of 2 Studies. |
| 49602801 | Rose, A. (2015) Clothianidin: Quantitation of Residues of Clothianidin, TZNG, and TZMU in Leaves, Nectar, Pollen and Soil Following Soil Application of Belay Insecticide to Cucurbits. Project Number: 201500244, VP/38263, VP/38489. Unpublished study prepared by Rose Consulting. 1103p. |
| 49602802 | Bondarenko, S.; Chen, T. (2015) Clothianidin: Quantitation of Residues of Clothianidin, TZNG and TZMU in Nectar and Pollen Following Foliar Application of Clutch 50 WDG Insecticide to Cucurbits. Project Number: VP/38313, 201500250, VP/38484. Unpublished study prepared by Valent U.S.A. Corporation. 558p. |
| 49606400 | McLaughlin Gormley King Company (2015) Submission of an Efficacy Protocol in Support of the Future Registration. Transmittal of 1 Study. |
| 49618000 | Bayer Environmental Science (2015) Submission of Product Chemistry Data in Support of the Registration of BES0600 Insecticide. Transmittal of 1 Study. |
| 49627500 | Valent U.S.A. Corporation (2015) Submission of Environmental Fate Data in Support of the Chemical Review of Clothianidin. Transmittal of 3 Studies. |
| 49641200 | McLaughlin Gormley King Company (2015) Submission of Product Chemistry Data in Support of the Amended Registration of VBC3 MUP. Transmittal of 2 Studies. |
| 49648200 | Bayer CropScience LP and Bayer Environmental Science (2015) Submission of Fate, Toxicity, Environmental Fate, Pesticide Use, and Resistance Data in Support of Registration Review of Imidacloprid. Transmittal of 25 Studies. |
| 49648214 | Hammel, K.; Vrbka, L. (2014) Calculation of Plateau Concetrations in Soil for Imidacloprid and Clothianidin. Project Number: ENSA/14/1318, M/503458/01/1. Unpublished study prepared by Bayer CropScience AG. 8p. |
| 49648217 | Nauen, R. (2013) Information on the Occurence or Possible Occurence of the Development of Resistance of the Plant Protection Product Janus Forte (R). Project Number: M/453965/01/1. Unpublished study prepared by Bayer CropScience. 19p. |
| 49648221 | Hofmann, S. (2010) Monitoring of Dust Drift Deposits During and After the Sowing of Winter Barley (W-BAR) Treated with Triadimenol & Imidacloprid & Fuberidazol & Imazalil FS 145.2 (60 + 70 + 7.2 + 8 g/L) or Clothianidin & Beta-Cyfluthrin FS 455 (375 + 80 g/L) on Fields in Germany: Final Report. Project Number: R09247/1, EBTIL075, M/366273/01/1. Unpublished study prepared by RIFCON GmbH. 77p. |
| 49648222 | Luckmann, J.; Hofmann, S. (2010) Monitoring of Dust Drift Deposits During and After the Sowing of Winter Wheat (W-WHT) Treated with Triadimenol & Imidacloprid & Fuberidazol & Imazalil FS 145.2 (60 + 70 + 7.2 + 8 g/L) or Clothianidin & Beta-Cyfluthrin FS 455 (375 + 80 g/L) on Fields in Germany: Final Report. Project Number: R09247/2, EBTIL075, M/366277/01/1, MR/09/159, P672094730. Unpublished study prepared by RIFCON GmbH. 75p. |
| 49648223 | Luckmann, J. (2014) Investigation of Dust Drift Deposits of Clothianidin & Imidacloprid Treated Winter Barley Seeds with Pneumatic Sowing Machinery on Fields in Germany in Autumn 2011: Second Amendment to Final Report. Project Number: 143, R11129, EBTIL116. Unpublished study prepared by RIFCON GmbH. 184p. |
| 49648225 | Staffel, J.; Luckmann, J. (2014) Assessment of Potential Impacts on Honey Bee Colony Development, their Hibernation Performance and Concurrent Monitoring of Aerial Dust Drift During th Sowing Operation of Poncho Beta Plus - Treated Sugar Beet Pills with Typical Commercial Vacuum-Pneumatic Sowing Technology, Directly Adjacent to Full-Flowering Phacelia tanacetifolia in Germany: Final Report. Project Number: 195, R12261A, EBTIN091. Unpublished study prepared by RIFCON GmbH. 217p. |
| 49675000 | Valent U.S.A. Corporation (2015) Submission of Environmental Fate Data in Support of the Registration Review of Clothianidin. Transmittal of 2 Studies. |
| 49675002 | Houck, V.; Negley, T. (2015) Clothianidin: Michigan Prospective Groundwater Study Site Geospatial Vulnerability Assessment. Project Number: VP/38915, AUS/2013/02. Unpublished study prepared by Arcadis U.S., Inc. 39p. |
| 49681200 | McLaughlin Gormley King Company (2015) Submission of Pesticide Use Data in Support of the Reregistration of Clothianidin. Transmittal of 4 Studies. |
| 49681201 | Bergman, J. (2015) Degradation of Clothianidin from Darlex Applied to Turkey Bedding. Project Number: GLP/2971, 73049/467. Unpublished study prepared by McLaughlin Gormley King Company. 22p. |
| 49681202 | Habig, C. (2015) Clothianidin Poultry House Use. Project Number: MGK/REG/264. Unpublished study prepared by McLaughlin Gormley King Company. 9p. |
| 49681203 | Habig, C. (2015) Clothianidin Poultry House Use Scenarios. Project Number: MGK/REG/265. Unpublished study prepared by McLaughlin Gormley King Company. 7p. |
| 49681204 | Habig, C. (2015) Nutrient Management of Poultry Litter Applications. Project Number: MGK/REG/266. Unpublished study prepared by McLaughlin Gormley King Company. 5p. |
| 49694100 | Bayer CropScience LP (2015) Submission of Environmental Fate Data in Support of Registration Review of Clothianidin. Transmittal of 1 Study. |
| 49694101 | Xu, T.; Dyer, D. (2015) Amendment 1 to Clothianidin Plant Bioavailability and Soil Accumulation Study. Project Number: METIY004, METIY004/01, M/498438/02/1. Unpublished study prepared by Valent U.S.A. Corporation, Agvise Laboratories, Arcadis U.S., Inc. Bayer CropScience, Inc. and Bayer CropScience. 813p. |
| 49705700 | Valent U.S.A. Corporation (2016) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of INTEGO(TM) SUITE Cereals OF. Transmittal of 9 Studies. |
| 49705900 | Valent U.S.A. (2016) Submission of Residue Data in Support of the Chemical Review of Clothiandin. Transmittal of 2 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. |
| 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. |
| 49719623 | Lu, C.; Warchol, K.; Callahan, R. (2014) Sub-lethal exposure to neonicotinoids impaired honey bees winterization before proceeding to colony collapse disorder. Bulletin of Insectology 67 (1): 125-130. |
| 49719625 | Pohorecka, K.; Skubida, P.; Semkiw, P.; et al. (2013) Effects of Exposure of Honey Bee Colonies to Neonicotinoid Seed-Treated Maize Crops. J. APIC. SCI. 57(2): 1-9. |
| 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. |
| 49719629 | Schneider, C.; Tautz, J.; Grunewald, B.; et al. (2012) RFID Tracking of Sublethal Effects of Two Neonicotinoid Insecticides on the Foraging Behavior of Apis mellifera. PLOS ONE 7(1): 1-9. |
| 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. |
| 49733300 | Valent U.S.A. Corporation (2015) Submission of Residue Data in Support of the Chemical Review of Clothianidin. Transmittal of 5 Studies. |
| 49733302 | Rose, A. (2013) Clothianidin: Quantitation of Residues of Clothianidin in Leaves and Clothianidin, TZNG, and TZMU in Extrafloral Nectars, Floral Nectar, and Pollen from Cotton Plants. Project Number: VP/38259. Unpublished study prepared by Rose Consulting. 560p. |
| 49733303 | Bondarenko, S. (2015) Clothianidin: Quantitation of Residues of Closthianidin, TZNG, and TZMU in Nectar, Pollen, and Leaves Following Foliar Post Bloom Application of Belay Insecticide/Clutch 50 WDG Insecticide to Apple Trees; Interim Report. Unpublished study prepared by Valent U.S.A. Corporation. 84p. |
| 49733304 | Bondarenko, S. (2015) Clothianidin: Quantitation of Residues of Clothianidin, TZNG, and TZMU in Nectar Pollen and Leaves Following Foliar Post Bloom Application of Belay Insecticide to Almond Trees; Interim Report. Project Number: VP/38473. Unpublished study prepared by Valent U.S.A. Corporation. 131p. |
| 49733305 | Bondarenko, S. (2015) Clothianidin: Quantitation of Residues of Clothianidin, TZNG, and TZMU in Nectar, Pollen and Leaves Following Foliar Post Bloom Application of Belay Insecticide to Peach Trees; Interim Report. Project Number: VP/38563. Unpublished study prepared by Valent U.S.A. Corporation. 81p. |
| 49736100 | Bayer CropScience LP (2015) Submission of Fate in Animal Data in Support of the Registration Review of Clothianidin. Transmittal of 1 Study. |
| 49736101 | Olmstead, A. (2015) Colony Feeding Study Evaluating the Chronic Effects of Clothianidin-Fortified Sugar Diet on Honey Bee (Apis mellifera) Colony Health under Free Foraging Conditions: Colony Assessment Data & Statistics. Project Number: EBTIN114. Unpublished study prepared by Bayer CropScience LP. 50p. |
| 49743900 | McLaughlin Gormley King Company (2015) Submission of Product Chemistry Data in Support of the Amended Registration of MGK Formula 30642. Transmittal of 1 Study. |
| 49750600 | Environmental Protection Agency (2015) Submission of Toxicity Data in Support of Risk Assessment. Transmittal of 8 Studies. |
| 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. |
| 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. |
| 49754400 | Bayer CropScience LP (2015) Submission of Toxicity Data in Support of the Chemical Review of Clothianidin. Transmittal of 2 Studies. |
| 49754401 | Henderson, C.; Bromenshenk, J. (2015) Assessment of Exposure of Honey Bees (Apis mellifera) to Clothianidin in Nectar and Pollen from Canola, Summer, 2011 Final Report. Project Number: EBTIP048. Unpublished study prepared by Bee Alert Technology, Inc. 190p. |
| 49754402 | Bromenshenk, J.; Henderson, C. (2015) Assessment of Exposure of Honey Bees (Apis mellifera) to Clothianidin from Corn in Illinois and Indiana, Summer 2010; Nebraska, Summer, 2011 Final Report. Project Number: EBTIP048. Unpublished study prepared by Bee Alert Technology, Inc. and Bayer CropScience LP. 272p. |
| 49787900 | McLaughlin Gormley King Company (2016) Submission of Product Chemistry, Toxicity, Efficacy, Pesticide Use and Fate in Animals Data in Support of the Application for Registration of MGK(R) Formula 3119. Transmittal of 18 Studies. |
| 49787913 | Snell, E.; Smith, T.; Piper, S. (2010) Evaluation of House Fly (Musca domestica) Attractiveness to Clothianidin R2-108-NT Fly Bait, Clothianidin R2-108 Fly Bait, QuickBayt Fly Bait, and Starbar Quikstrike Fly Scatter Bait. Unpublished study prepared by Snell Scientifics, LLC. 24p. |
| 49788000 | McLaughlin Gormley King Company (2016) Submission of Product Chemistry Data in Support of the Application for Registration of MGK(R) Formula 3104. Transmittal of 2 Studies. |
| 49803200 | Valent U.S.A Corporation (2015) Submission of Environmental Fate Data in Support of the Registration Reviews of Clothiandin Technical Insecticide and Arena 50 WDG Insecticide. Transmittal of 1 Study. |
| 49803700 | Bayer CropScience (2015) Submission of Environmental Fate Data in Support of the Registration Review of Clothiandin. Transmittal of 1 Study. |
| 49803701 | Jerkins, E.; Murphy, I. (2015) PONCHO/VOTiVO- Magnitude of the Residues in/on Bee Relevant Matrices Collected from Soybean: Final Report . Project Number: EBTIP060. Unpublished study prepared by Bayer CropScience LP. 152p. |
| 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. |
| 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. |
| 49836100 | Bayer CropScience LP (2016) Submission of Toxicity and Environmental Fate Data in Support of the Registration Review of Clothianidin. Transmittal of 1 Study. |
| 49836101 | Louque, J. (2016) Colony Feeding Study Evaluating the Chronic Effects of Clothianidin-Fortified Sugar Diet on Honey Bee (Apis mellifera) Colony Health under Free Foraging Conditions: Final Report. Project Number: 13798/4143, EBTIN114, TI/006/A13/02. Unpublished study prepared by Smithers Viscient. 550p. |
| 49844000 | Bayer CropScience LP (2016) Submission of Exposure and Risk Data in Support of the Registration Review of Clothianidin. Transmittal of 2 Studies. |
| 49844001 | Picard, C. (2016) Life-Cycle Toxicity Test Exposing Midges (Chironomus dilutus) to Clothianidin Applied to Sediment Under Static-Renewal Conditions Following EPA Test Methods. Project Number: 13798/6317, EBTIP061. Unpublished study prepared by Smithers Viscient Laboratories. 155p. |
| 49844002 | Picard, C. (2016) Life-Cycle Toxicity Test Exposing Midges (Chironomus dilutus) to Clothianidin Metabolite (TMG) Applied to Sediment Under Static-Renewal Conditions Following EPA Test Methods. Unpublished study prepared by Smithers Viscient Laboratories. 145p. |
| 49846800 | Valent U.S.A (2016) Submission of Environmental Fate Data in Support of the Registration Review of Clothianidin. Transmittal of 1 Study. |
| 49896800 | Valent U.S.A. Corporation (2017) Submission of Environmental Fate Data in Support of the Registration Review of Clothianidin. Transmittal of 1 Study. |
| 49904900 | Valent U.S.A. Corporation (2016) Submission of Residue Data in Support of the FIFRA 6(a)(2) Data Requirements for Clothianidin Technical Insecticide. Transmittal of 1 Study. |
| 49904901 | Gould, T.; Jerkins, E. (2016) Determination of Clothianidin Residues in Bee Relevant Matrices Collected from Cotton Plants Following Seed Treatment and Foliar Applications: Final Report. Project Number: M/553755/01/1, EBTIN115, MAR/15/8/4. Unpublished study prepared by Bayer Crop Science LP, Valent U.S.A. Corporation, MoArk Agricultural Research LLC, South Texas Agricultural Research- RGV Inc., California Agricultural Research, Inc. Critical Path Services, LLC. 998p. |
| 49910600 | Valent U.S.A. Corporation (2016) Submission of Residue Data in Support of the Chemical review of Clothianidin. Transmittal of 1 Study. |
| 49920300 | McLaughlin Gormley King Company (2016) Submission of Product Chemistry Data in Support of the Registration of MGK Formula 30643. Transmittal of 1 Study. |
| 49944700 | Valent U.S.A. Corporation (2016) Submission of Fate Data in Support of the Registration Review of Clothianidin. Transmittal of 2 Studies. |
| 49944701 | Moore, D.; Beguin, S.; Bondarenko, S. (2016) Quantitation of Residues of Clothianidin, TZNG and TZMU in Nectar, Pollen and Leaves Collected from Citrus Trees Following Post-Bloom Soil Application of Belay Insecticide: Interim Report. Project Number: 201600176, VP/38980, VP/38484. Unpublished study prepared by Stone Environmental, Inc. 82p. |
| 49944702 | Bondarenko, S. (2016) Clothianidin: Residues of Clothianidin, TZNG, TZMU in Nectar Following Soil Application of Belay Insecticide to Citrus. Project Number: 201600177, VP/39259. Unpublished study prepared by University of Florida, Citrus Research & Education Center. 23p. |
| 49944800 | Valent U.S.A. Corporation (2016) Submission of Environmental Fate Data in Support of the Registration Review of Clothianidin. Transmittal of 1 Study. |
| 49955800 | Bayer CropScience (2016) Submission of Fate Data in Support of the FIFRA 6(a)(2) Data Requirements for Clothianidin Technical Insecticide. Transmittal of 1 Study. |
| 49955801 | Wolf, C. (2005) Residues of Clothianidin in Sugar-Beet Seedlings (Dressed With Poncho® FS 600, 0.6 mg a.s./Sugar-Beet Pill) Grown Under Field Conditions in Austria. Project Number: M/243118/01/2, WFC/FS/014, E/308/2693/1. Unpublished study prepared by Bayer CropScience AG. 37p. |
| 50009300 | Bayer CropScience LP (2016) Submission of Residue Data in Support of the Registration Review of Clothianidin. Transmittal of 1 Study. |
| 50025900 | Bayer CropScience (2016) Submisison of Fate and Environmental Fate Data in Support of the Registration of Imidacloprid Technical Insecticide. Transmittal of 2 Studies. |
| 50025901 | Bocksch, S. (2016) Determination of Residues of Imidacloprid and Clothianidin in Flowers, Leaves, Soil, Nectar and Pollen of Soybean after Seed Treatment with Gaucho FS (Imidacloprid 600 FS) or Poncho (Clothianidin 600 FS), or Foliar Application with Connect (Imidacloprid & Beta-Cyfluthrin 112.5 SC) in a Semi-Field Study in Brazil. Project Number: M/525757/02/2, S13/05010. Unpublished study prepared by Eurofins Agroscience Services EcoChem GmbH. 813p. |
| 50025902 | Bocksch, S. (2015) Determination of Residues of Imidacloprid and Clothianidin in Flowers, Leaves, Soil, Nectar and Pollen of Soybean after Seed Treatment with Gaucho FS (Imidacloprid 600 FS) or Poncho (Clothianidin 600 FS), or Foliar Application with Connect (Imidacloprid & Beta-Cyfluthrin 112.5 SC) in a Semi-Field Study. Project Number: M/529672/02/2, S13/05011. Unpublished study prepared by Eurofins Agroscience Services EcoChem GmbH. 1175p. |
| 50150500 | McLaughlin Gormley King Company (2017) Submission of Efficacy Data in Support of the Application for Registration of MGK Formula 3119. Transmittal of 1 Study. |
| 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. |
| 50154300 | Valent U.S.A. Corporation (2017) Submission of Toxicity Data in Support of the Registration Review of Clothianidin. Transmittal of 6 Studies. |
| 50154400 | Valent U.S.A. Corporation (2017) Submission of Product Chemistry Data in Support of the Registration of INTEGO SUITE Cereals OF. Transmittal of 1 Study. |
| 50207200 | Valent U.S.A. LLC (2017) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of Ampex SC Insecticide. Transmittal of 5 studies. |
| 50207205 | Creek, M. (2017) Justification for Bridging Acute Toxicity Data from Studies Conducted with V-10170 5 FS to Ampex SC Insecticide. Project Number: 201700220, VP/41067. Unpublished study prepared by Valent Technical Center. 5p. |
| 50216000 | Bayer CropScience (2017) Submission of Fate Data in Support of the Registration Review of Imidacloprid. Transmittal of 2 Studies. |
| 50227900 | Valent U.S.A. Corporation (2017) Submission of Toxicity Data in Support of the Registration Review of Clothianidin Technical Insecticide. Transmittal of 7 Studies. |
| 50227901 | Kuhl, K. (2014) Acute Toxicity of TZFA (BCS-CQ88479) to Larvae of Chironomus riparius in a 48 H Static Laboratory Test System - Limit - Test: Final Report. Project Number: E/235/4581/8, EBTIN098, M/497581/01/1. Unpublished study prepared by Bayer CropScience AG. 65p. |
| 50227902 | Kuhl, K. (2017) Acute Toxicity of NTG (BCS-AG70981) to Larvae of Chironomus riparius in a 48 H Static Laboratory Test System - Limit - Test: Final Report. Project Number: E/235/4585/2, EBTIN097, M/497577/01/1. Unpublished study prepared by Bayer CropScience AG. 61p. |
| 50227903 | Kuhl, K. (2014) Acute Toxicity of MG (BCS-AU36943) to Larvae of Chironomus riparius in a 48 H Static Laboratory Test System - Limit - Test: Final Report. Project Number: E/235/4582/9, EBTIN096, M/497575/01/1. Unpublished study prepared by Bayer CropScience AG. 60p. |
| 50227904 | Kuhl, K. (2014) Acute Toxicity of HMIO to Larvae of Chironomus riparius in a 48 H Static Laboratory Test System - Limit - Test: Final Report. Project Number: E/235/4579/5, EBTIN095, M/497572/01/1. Unpublished study prepared by Bayer CropScience AG. 62p. |
| 50227905 | Kuhl, K. (2014) Acute Toxicity of MAI (BCS-BJ26556) to Larvae of Chironomus riparius in a 48 H Static Laboratory Test System - Limit - Test: Final Report. Project Number: E/235/4578/4, EBTIN094, M/496240/01/1. Unpublished study prepared by Bayer CropScience AG. 61p. |
| 50227906 | Kuhl, K. (2014) Acute Toxicity of CTCA to Larvae of Chironomus riparius in a 48 H Static Laboratory Test System - Limit - Test: Final Report. Project Number: E/235/4584/1, EBTIN033, M/496222/01/1. Unpublished study prepared by Bayer CropScience AG. 65p. |
| 50227907 | Hartgers, E. (2015) Outdoor Study on the Effects of a Single Pulse Application of Clothianidin in Freshwater Experimental Ponds: Final report. Project Number: ALT/EH/2014/1. Unpublished study prepared by Alterra. 305p. |
| 50282600 | McLaughlin Gormley King Company (2017) Submission of Efficacy Data in Support of the Future Registration of Clothianidin. Transmittal of 2 Studies. |
| 50284900 | McLaughlin Gormley King Company (2017) Submission of Product Chemistry Data in Support of the Application for Registration of MGK Formula 3128. Transmittal of 2 Studies. |
| 50285000 | McLaughlin Gormley King Company (2017) Submission of Product Chemistry, Toxicity, and Efficacy Data in Support of the Application for Registration of MGK Formula 3129. Transmittal of 11 Studies. |
| 50297200 | McLaughlin Gormley King Company (2017) Submission of Efficacy Data in Support of the Future Registration of Clothianidin and Nylar. Transmittal of 1 Study. |
| 50312500 | Valent U.S.A., LLC (2017) Submission of Toxicity Data in Support of the Registration Review of Clothianidin. Transmittal of 1 Study. |
| 50312501 | Louque, J. (2017) Colony Feeding Study Evaluating the Chronic Effects of Chothianidin-Fortified Sugar Diet on Honey Bee (Apis mellifera) Colony Performance Under Free Foraging Conditions. Project Number: 13798/4162. Unpublished study prepared by Smithers Viscient. 609p. |
| 50312600 | Valent U.S.A. LLC (2017) Submission of Product Chemistry, Toxicity, and Environmental Fate Data in Support of the Application for Registration of Ampex SC Insecticide. Transmittal of 8 Studies. |
| 50312608 | Hinarejos, S.; Bondarenko, S. (2017) Clothianidin: Risk Assessment to Bees via Exposure to Residues in Pollen Following In- Furrow Application to Corn at Planting Over Multi-Year Residue Studies. Project Number: 201700377, VP/41155. Unpublished study prepared by Valent U.S.A. LLC. 29p. |
| 50312700 | Valent Technical Center (2017) Submission of Environmental Fate Data in Support of the Registration Review of Clothianidin. Transmittal of 2 Studies. |
| 50312701 | Bondarenko, S.; Newcombe, A. (2017) Exposure of Pollinators at the Field Scale to Residues of Clothianidin, TZNG, and TZMU in Pollen Following Clothianidin In-Furrow Application to Corn at Planting (Summary of Pollen Residue Data under 2016 and 2017 EUP Program, 59639-EUP-18). Project Number: VP/39234. Unpublished study prepared by Valent U.S.A. LLC. 1076p. |
| 50329300 | McLaughlin Gormley King Company (2017) Submission of Product Chemistry Data in Support of the Amended Registration of MGK Formula 3104. Transmittal of 1 Study. |
| 50329400 | McLaughlin Gormley King Company (2017) Submission of Product Chemistry Data in Support of the Amended Registration of MGK Formula 3119. Transmittal of 1 Study. |
| 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. |
| 50354900 | Bayer CropScience (2017) Submission of Toxicity, Environmental Fate, and Fate Data in Support of the Registration Reviews of Imidacloprid and Clothianidin. Transmittal of 52 Studies. |
| 50354903 | Barfknecht, R. (1999) Acceptance of TI 435 FS 600- Treated Sugar-beet Seeds (30g a.i./unit) by Japanese Quail (Coturnix coturnix japonica) According to BBA - Test Guideline 25-1. Project Number: E/200/1489/4, BAR/ANN010. Unpublished study prepared by Bayer AG. 31p. |
| 50354904 | Barfknecht, R. (1998) Acceptance of TI 435 FS 600-Treated Sugar-beet Pills (90g a.i./Unit) by Japanese Quail (Coturnix coturnix japonica) According to BBA - Test Guideline 25-1. Project Number: E/200/1353/4, BAR/ANN003. Unpublished study prepared by Bayer AG. 29p. |
| 50354905 | Barfknecht, R. (2000) Acceptance of TI 435 FS 250 (50 g a.i./100 kg Seed) Treated Seeds by Domestic Pigeons (Columba livia f. domestica) Under Aggravated Conditions. Project Number: E/200/1852/8, BAR/ANN014. Unpublished study prepared by Bayer AG. 18p. |
| 50354906 | Grau, R. (1996) NTN 33893 (techn.): 5-Day Dietary LC50 to Japanese Quail. Project Number: 2002/01/22, E/296/0837/5, GWU/VW/177. Unpublished study prepared by Bayer AG. 35p. |
| 50354911 | Grau, R. (1987) Modified Acceptance Tests with House Sparrows According to BBA \*) Guideline 25-1 Using the Insecticidial Active Ingredient NTN 33893 as 70 WS Red and Blue on Wheat: Final Report. Project Number: V/5/87. Unpublished study prepared by Bayer AG. 11p. |
| 50354912 | Grau, R. (1988) Modified Acceptance Tests with Japanese Quail According to BBA \*) Guideline 25-1 Using the Insecticidal Active Ingredient NTN 33893 as 70 WS Blue-Violet on Wheat: Final Report. Project Number: V/8/88, 102000010275. Unpublished study prepared by Bayer AG. 12p. |
| 50354913 | Schmuck, R. (1990) Modified Acceptance Tests with Japanese Quail (Coturnix coturnix) Using the Insecticidal Active Ingredient NTN 33893 as 70 WS on Blue Coloured Sugar Beet Seeds. Project Number: SXR/WA/02, E/200/0486/0. Unpublished study prepared by Bayer AG. 17p. |
| 50354914 | Barfknecht, R. (2000) Feeding Study on Japanese Quail (Coturnix coturnix japonica) with Wheat-seed, Treated with TI 435 FS 250 (50g a.i./ 100kg). Project Number: E/200/1851/7. Unpublished study prepared by Bayer AG. 21p. |
| 50354915 | Barfknecht, R. (2002) Acceptance of Sugar Beet Pills by Birds: Field Monitoring of Birds in the Netherlands. Project Number: E/308/2083/4, BAR/FS008. Unpublished study prepared by Bayer CropScience. 55p. |
| 50354918 | Barfknecht, R. (2009) Acceptance of Carrot Seeds, Treated with Clothianidin & Imidacloprid WS 56.25 + 18.75 W (0.07 mg Clothianidin + 0.023 mg Imidacloprid/ Seed) by Japanese Quails (Coturnix japonica). Project Number: EBTIP020, E/203/3638/5, BAR/ANN147. Unpublished study prepared by Bayer CropScience. 27p. |
| 50354919 | Barfknecht, R. (2004) TI 435 FS 600 (Clonthianidin) on Maize (1.25mg/ seed); Acceptance / Domestic Pigeons (Columba livia f. domestica) BBA 25-1. Project Number: E/203/2750/0, BAR/ANN100. Unpublished study prepared by Bayer CropScience. 24p. |
| 50354920 | Barfknecht, R. (2009) Acceptance of Onion Seeds, Treated with Clothianidin & Imidacloprid WS 56.25 + 18.75 (0.12 mg Clothiandin + 0.04 mg Imidacloprid / Seed) by Japanese Quails (Coturnix japonica). Project Number: EBTIP020, E/203/3639/6. Unpublished study prepared by Bayer CropScience. 26p. |
| 50354923 | Barfknecht, R. (2003) Dissipation of the Active Substance from Clothianidin FS 600 Treated Maize Seeds Exposed to a Water Sprinkled Field. Project Number: E/308/2553/6, BARS/FS/022. Unpublished study prepared by Bayer CropScience. 17p. |
| 50354926 | Barfknecht, R. (2010) Clothianidin FS 600 G on Maize Seeds; Acceptance by Pheasants (Phasianus colchicus). Project Number: EBTIL032, E/203/3829/7. Unpublished study prepared by Bayer CropScience. 25p. |
| 50354927 | Barfknecht, R. (2010) Clothianidin & Imidacloprid FS 233 + 233 G on Wheat Seeds (0.35 mg Clothianidin + 0.35 mg Imidacloprid / 100kg Seeds); Acceptance by Grey Partridge (Perdix perdix). Project Number: E/202/3741/9, EBTIP033. Unpublished study prepared by Bayer CropScience. 27p. |
| 50471900 | McLaughlin Gormley King Company (2017) Submission of Efficacy Data in Support of the Amended Registration of Darlex Insecticide. Transmittal of 1 Study. |
| 50478200 | Valent U.S.A. LLC (2017) Submission of Residue Data in Support of the Registration Review of Clothianidin. Transmittal of 1 Study. |
| 50478201 | Bondarenko, S. (2017) Quantitation of Residues of Clothianidin, TZNG and TZMU in Nectar, Pollen/Anthers and Leaves Collected from Citrus Trees Following Post-Bloom Soil Application of Belay(R) Insecticide. Project Number: VP/38980. Unpublished study prepared by Valent U.S.A. LLC. 1150p. |
| 50478300 | Valent USA, LLC (2017) Submission of Environmental Fate Data in Support of the Experimental Use of Clothianidin on Corn. Transmittal of 1 Study. |
| 50478301 | Hinarejos, S.; Knabe, S.; Abi-Akar, F. (2017) Determination of Natural Occurrence of Wild Bee Pollinators in Clothianidin Treated Corn Fields Located in Different Landscapes in the Midwest United States. Project Number: 201700400, VP/39370, VP/39234. Unpublished study prepared by Valent Technical Center. 244p. |
| 50478400 | Valent U.S.A. LLC (2017) Submission of Environmental Fate Data in Support of the Registration Review of Clothianidin. Transmittal of 1 Study. |
| 50478500 | Valent U.S.A. LLC (2018) Submission of Toxicity Data in Support of the Registration Review of Clothianidin. Transmittal of 1 Study. |
| 50478501 | Bocksch, S.; Werner, S. (2018) Clothianidin Technical - Honey Bee Brood and Colony Level Effects Following Clothianidin Intake via Treated Pollen in a Field Study in North Carolina - USA 2017. Project Number: 201800000, S17/02137. Unpublished study prepared by Eurofins Agroscience Services EcoChem GmbH. 192p. |
| 50478600 | Valent U.S.A. LLC (2018) Submission of Product Chemistry Data in Support of the Amended Registration of INTEGO SUITE Seed Protectant. Transmittal of 1 Study. |
| 50490200 | McLaughlin Gormley King Company (2018) Submission of Residue Data in Support of the Future Registration of Sabadilla alkaloids. Transmittal of 1 Study. |
| 50516600 | Valent U.S.A., LLC (2018) Submission of Efficacy Data in Support of the Amended Registration of Arena 50 WDG Insecticide. Transmittal of 1 Study. |
| 50516601 | Granadino, C. (2018) Clothianidin: Overview of 2016-2017 Efficacy Data under 59639-EUP-18 (Soil Application for Corn). Project Number: VP/201700394. Unpublished study prepared by VALENT U.S.A., LLC. 23p. |
| 50516800 | Valent U.S.A. LLC (2018) Submission of Residue Data in Support of the Registration Review of Clothianidin. Transmittal of 1 Study. |
| 50516801 | Christensen, G. (2018) Determination of Clothianidin on Treated Soy Seed from Study EBTIP060. Project Number: 201800025, SG/OT/18/03. Unpublished study prepared by Bayer CropScience LP. 41p. |
| 50539800 | Valent U.S.A., LLC. (2018) Submisison of General Pesticide and Residue Data in Support of the Petition for Tolerance of Clothianidin Technical Insecticide. Transmittal of 3 Studies. |
| 50539803 | Shen, S. (2018) Clothianidin: Summary of Data and Petition Supporting Import Tolerance for Persimmon. Project Number: 201800033, VP/201800033. Unpublished study prepared by Valent U.S.A. LLC. 44p. |
| 50548700 | McLaughlin Gormley King Company (2018) Submission of Efficacy Data in Support of the Application for Registration of MGK Formula 3129, MGK Formula 3128, MGK Formula 31281, and MGK Formula 31291. Transmittal of 1 Study. |
| 50571700 | Valent U.S.A. LLC. (2018) Submission of Environmental Fate Data in Support of the Registration Review of Clothianidin. Transmittal of 1 Study. |
| 50571800 | Valent U.S.A. LLC. (2018) Submission of General Pesticide Use Data in Support of the Application for Registration of Ampex SC Insecticide. Transmittal of 1 Study. |
| 50571801 | Schneider, N. (2018) A Benefits Document Supporting the Registration of Clothianidin Applied In-Furrow At-Planting to Control Corn Rootworm Larvae and Secondary Soil Insects in Corn. Project Number: VP/201800005. Unpublished study prepared by Nelson-Schneider Consulting, LLC. 44p. |
| 50604200 | McLaughlin Gormley King Company (2018) Submission of Product Chemistry, Toxicity and Efficacy Data in Support of the Application for Regstration of MGK Formula 3144. Transmittal of 18 Studies. |
| 50710300 | Valent U.S.A. LLC (2019) Submission of Toxicity Data in Support of the Registration Review of Clothianidin. Transmittal of 1 Study. |
| 50710301 | Bocksch, S.; Werner, S. (2018) Clothianidin Technical - Honey Bee Brood and Colony Level Effects Following Clothianidin Intake via Treated Pollen Patties in a Field Study in North Carolina - USA in 2018-2019 - Interim Report. Project Number: S18/00203. Unpublished study prepared by Eurofins Agroscience Services EcoChem GmbH. 258p. |
| 50712400 | Valent U.S.A., LLC (2020) Submission of Product Chemistry Data in Support of the Amended Registration of Clothianidin Technical Insecticide. Transmittal of 3 Studies. |
| 50712900 | Valent U.S.A, LLC (2020) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of V-10503 FS. Transmittal of 9 Studies. |
| 50713300 | Valent USA, LLC (2020) Submission of Toxicity and Product Chemistry Data in Support of the Application for Registration of V-10170-VC2100 Insecticide. Transmittal of 8 Studies. |
| 50713600 | Valent U.S.A. LLC (2020) Submission of Toxicity Data in Support of the Registration Review of the Clothianidin. Transmittal of 1 Study. |
| 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. |
| 50791200 | McLaughlin Gormley King Company (2019) Submission of Product Chemistry Data in Support of the Registration of MGK Formula 3128. Transmittal of 1 Study. |
| 50791300 | McLaughlin Gormley King Company (2019) Submission of Product Chemistry Data in Support of the Registration of MGK Formula 3129. Transmittal of 1 Study. |
| 50910800 | BASF Corporation (2019) Submission of Toxicity and Product Chemistry Data in Support of the Application for Registration of Poncho Votivo 2.0 Seed Treatment. Transmittal of 10 Studies.  |
| 51095300 | McLaughlin Gormley King Company D/B/A MGK (2020) Submission of Product Chemistry Data in Support of the Amended Registration of VBC3 Insecticide. Transmittal of 1 Study. |
| 51097800 | McLaughlin Gormley King Company, D/B/A MGK (2020) Submission of Product Chemistry and Efficacy Data in Support of the Registration of MGK Formula 3113. Transmittal of 2 Studies. |
| 51134900 | McLaughlin Gormley King Company (2020) Submission of Product Chemistry and Efficacy Data in Support of the Application for Registration of MGK Formula 3181. Transmittal of 4 Studies. |
| 51138100 | SBM Life Science Corporation (2020) Submission of Esposure and Risk and Pesticide Use Data in Support of the Registration Review of Imidacloprid. Transmittal of 2 Studies. |
| 51138102 | Morris, K.; Poling, J. (2020) Imidacloprid and Clothianidin- The Value of Homeowner Access. Project Number: US/061. Unpublished Study Prepared by SBM Life Science Corporation. 17p. |
| 51153900 | McLaughlin Gormley King Company D/B/A MGK (2020) Submission of Residue Data in Support of the Amended Registration of MGK Formula 3144. Transmittal of 1 Study. |
| 51185400 | McLaughlin Gormley King Company (2020) Submission of Product Chemistry Data in Support of the Amended Registration of MGK Formula 3144. Transmittal of 1 Study. |
| 51205300 | McLaughlin Gormley King Company (2020) Submission of Product Chemistry Data in Support of the Amended Registration of DARLEX Insecticide. Transmittal of 1 Study. |
| 51238800 | McLaughlin Gormley King Company D/B/A MGK (2020) Submission of Product Chemistry Data in Support of the Amended Registration of VBC3 Concentrate. Transmittal of 1 Study. |
| 51239200 | McLaughlin Gormley King Company D/B/A MGK (2020) Submission of Product Chemistry Data in Support of the Amended Registration of MGK Formula 3113. Transmittal of 1 Study. |
| 51243900 | Sharda CropChem Limited (2020) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of Sharda Clothianidin Technical. Transmittal of 12 Studies. |
| 51255100 | McLaughlin Gormley King Company, D/B/A MGK (2020) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of MGK Formula 3096. Transmittal of 9 Studies. |
| 51291500 | McLaughlin Gormley King Company (2020) Submission of Residue Data in Support of the Amended Registration of MGK Formula 3144. Transmittal of 1 Study. |
| 51300500 | McLaughlin Gormley King Company (2020) Submission of Product Chemistry Data in Support of the Application for Registration of MGK Formula 31751. Transmittal of 2 Studies. |
| 51300600 | McLaughlin Gormley King Company (2020) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of MGK Formula 31761. Transmittal of 5 Studies. |
| 51321700 | McLaughlin Gormley King Company (2020) Submission of Efficacy Data in Support of the Amended Registration of MGK Formula 3128. Transmittal of 1 Study. |
| 51428300 | Sharda USA LLC (2021) Submission of Product Chemistry Data in Support of the Application for Registration of Sharda Clothianidin 48% FS. Transmittal of 4 Studies. |
| 51428700 | McLaughlin Gormley King Company D/B/A MGK (2021) Submission of Efficacy Data in Support of the Preapplication of MGK Formula 3144. Transmittal of 2 Studies. |
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