**APPENDIX 1-2. Master Use Summary Table for Thiamethoxam**

The label data used in this assessment were derived from the maximum application rates and minimum application retreatment intervals from the Preliminary Aquatic and Non-Pollinator Terrestrial Risk Assessment to Support Registration Review[[1]](#footnote-2) and addendum[[2]](#footnote-3), unless otherwise noted. The use summary table (UST) provided in **Table 1** provides the use information as further refined by EPA, for gathering the salient details for modelling the maximum use patterns. Use of this summary table is intended to be representative of all labeled uses of thiamethoxam.

**Table 1. Thiamethoxam Use Summary Table**

| ***Use Site*** | ***Application Parameters Per Year (Rates Are Maximum (lb. a.i/A)*** |
| --- | --- |
| ***Method 1*** | ***Equipment 2*** | ***Timing*** | ***Single*** | ***Number*** | ***Total*** | ***Min RTI 3*** |
| Root & Tuber Vegetables *Crop Subgroup 1B*  | Foliar | A,G | Based on pest pressure; wettest month | 0.063 | 2 | 0.125 | 7 |
| Soil | C | 0.188 | 1 | 0.188 | N/A |
| Root & Tuber Vegetables *Crop Subgroup 1C,D* | Foliar | A,G | Based on pest pressure; wettest month | 0.050 | 2 | 0.100 | 7 |
| Root & Tuber Vegetables Crop Subgroup 1C,D (potato) | Soil | C | 0.125 | 1 | 0.125 | N/A |
| Radish | Foliar | A,G | Based on pest pressure; wettest month | 0.063 | 1 | 0.063 | N/A |
| Soil | C | 0.1016 | 1 | 0.1016 | N/A |
| Sugarbeet | Foliar | A,G | Based on pest pressure; wettest month | 0.050 | 2 | 0.100 | 7 |
| Potato | Foliar | C | Based on pest pressure; wettest month | 0.050 | 2 | 0.100 | 7 |
| Crop Group 4 *– Leafy Vegetables (except Brassica)* | Foliar | A,G | Based on pest pressure; wettest month | 0.088 | 2 | 0.175 | 7 |
| Soil | C | 0.172 | 1 | 0.172 | N/A |
| Crop Group 5 *– Brassica (Cole) Leafy Vegetables*  | Foliar | A,G | Based on pest pressure; wettest month | 0.088 | 2 | 0.175 | 7 |
| Soil | C | 0.172 | 1 | 0.172 | N/A |
| Soybean | Foliar | A,G | Based on pest pressure; wettest month | 0.063 | 2 | 0.125 | 7 |
| *Fruiting Vegetables (except cucurbits)* Crop Group 8 | Foliar | A,G | Based on pest pressure; wettest month | 0.088 | 2 | 0.175 | 5 |
| Soil | C | 0.172 | 1 | 0.172 | N/A |
| Crop Group 9 (*Cucurbit Vegetables*) | Foliar | A,G | Based on pest pressure; wettest month | 0.088 | 2 | 0.175 | 5 |
| Soil | C | 0.172 | 1 | 0.172 | N/A |
| Crop Group 11 *– Pome Fruits*  | Foliar | G;AB | Based on pest pressure; wettest month | 0.086 | 3 | 0.258 | 10 |
| Crop Group 12 *– Stone Fruits*  | Foliar | G;AB | Based on pest pressure; wettest month | 0.086 | 2 | 0.172 | 7 |
| Crop Group 10 *– Citrus* | Soil | C | Based on pest pressure; wettest month | 0.172 | 1 | 0.172 | N/A |
| Caneberry 13-07A | Foliar | A, G | Based on pest pressure; wettest month | 0.047 | 2 | 0.094 | 7 |
| Bushberry 13-07B | Foliar | A,G | Based on pest pressure; wettest month | 0.063 | 3 | 0.188 | 7 |
| Soil | C | 0.188 | 1 | 0.188 | N/A |
| Low growing berry 13-07G | Foliar | G | Based on pest pressure; wettest month | 0.063 | 3 | 0.188 | 7,10 |
| Soil | C | 0.188 | 1 | 0.188 | N/A |
| Low growing berry 13-07H | Foliar | G | Based on pest pressure; wettest month | 0.063 | 3 | 0.188 | 7 |
| Cranberry  | Foliar |  G,C | Based on pest pressure; wettest month | 0.063 | 3 | 0.188 | 7 |
| Soil | C | 0.188 | 1 | 0.188 | N/A |
| Crop Groups 13-07 D,E,F (*Grape*) | Foliar | G;AB | Based on pest pressure; wettest month | 0.055 | 2 | 0.110 | 14 |
| Crop Group 13-07F (*Small Fruit Vine Climbing*) | Soil | C | Based on pest pressure; wettest month | 0.266 | 1 | 0.266 | N/A |
| Crop Group 14(*Tree Nut*s) | Foliar | G;AB | Based on pest pressure; wettest month | 0.063 | 2 | 0.125 | 7 |
| Barley (*Cereal Grains*) | Foliar | A,G | Based on pest pressure; wettest month | 0.063 | 2 | 0.125 | 7 |
| Mint  | Foliar | A,G | Based on pest pressure; wettest month | 0.063 | 3 | 0.188 | 14 |
| Cotton (*Oilseed*) | Foliar | A,G | Based on pest pressure; wettest month | 0.063 | 2 | 0.125 | 5 |
| Tropicals (Subtropicals) | Foliar | A,G | Based on pest pressure; wettest month | 0.063 | 3 | 0.188 | 7 |
| Artichoke | Foliar | A,G | Based on pest pressure; wettest month | 0.050 | 2 | 0.100 | 7 |
| Hops | Soil | C | Based on pest pressure; wettest month | 0.125 | 1 | 0.125 | N/A |
| Tobacco | Foliar | A,G | Based on pest pressure; wettest month | 0.050 | 2 | 0.100 | 3 |
| Soil | C | 0.125 | 1 | 0.125 | N/A |
| Turf (golf course , recreational, athletic uses) | Foliar |  G | Based on pest pressure; wettest month | 0.266 | 1 | 0.266 | N/A |
| Soil | C | 0.266 | 1 | 0.266 | N/A |
| Turf (sod fields) | Foliar |  G | Based on pest pressure; wettest month | 0.266 | 1 | 0.266 | N/A |
| Soil | C | 0.266 | 1 | 0.266 | N/A |
| Ornamentals (nurseries, non-bearing fruit/nut cultivars) | Foliar | G | Based on pest pressure; wettest month | 0.266 | 1 | 0.266 | N/A |
| Soil | C | 0.266 | 1 | 0.266 | N/A |
| Christmas Trees | Foliar |  G | Based on pest pressure; wettest month | 0.266 | 1 | 0.266 | N/A |
| Residential Perimeter Uses | Foliar |  G | apply as needed; wettest month | 0.1374 | 1 | 0.1374 | N/A |
| Commercial Perimeter Uses | Foliar |  G | apply as needed; wettest month | 0.0066 | 1 | 0.0066 | N/A |
| Poultry Litter Amendment (low rate) | Foliar |  G | -10 days before emergence | 0.007 | 1 | 0.007 | N/A |
| Soil |  C |
| Poultry Litter Amendment (high rate) | Foliar |  G | -10 days before emergence  | 0.266 | 1 | 0.266 | N/A |
| Soil |  C |

***1 Method:*** Application methods: Soil= liquid sprays incorporated into the soil; Foliar= Liquid spray onto foliage.

***2 Equipment:*** Application equipment: A= aerial; G= ground; AB= Airblast; C = chemigation.

***3 Min RTI:*** Minimum retreatment intervals in days.

1. *Thiamethoxam – Transmittal of the Preliminary Aquatic and Non-Pollinator Terrestrial Risk Assessments to*

 *Support Registration Review*. Environmental Protection Agency, Office of Pesticide Programs, Environmental

Fate and Effects Division, November 29, 2017. [↑](#footnote-ref-2)
2. *Thiamethoxam - Addendum to the Non-Pollinator Draft Risk Assessment (DRA) and Response to Public Comments*

 *Received on the Bee and Non-Pollinator DRAs.* Environmental Protection Agency, Office of Pesticide Programs,

 Environmental Fate and Effects Division, January 06, 2020. [↑](#footnote-ref-3)