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

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-1) and addendum[[2]](#footnote-2), 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 clothianidin.

**Table 1. Use Summary Table for Clothianidin**

| ***Use Site*** | ***Application Parameters Per Year (Rates Are Max in lb. a.i/A)*** |
| --- | --- |
| ***Method 1*** | ***Equipment 2*** | ***Timing*** | ***Single*** | ***Number*** | ***Total*** | ***Min RTI 3*** |
| *Crop Subgroups 1A and 1B – Carrot, Radish, and Sugarbeet*  | Soil | C | Wettest month | 0.2 | 1 | 0.2 | - |
| Foliar | G | Wettest month | 0.05  | NS, Assumed 4 | Assumed 0.2 | 7 |
| Crop Subgroup 1C. Tuberous and corm vegetables subgroup: Potato  | Soil | C | Wettest month | 0.2 | 1 | 0.2 | - |
| Foliar | A, G | Wettest month | 0.05  | 4 | 0.2 | 7 |
| Crop Subgroup 1D. Tuberous and corm vegetables subgroup: Turmeric  | Soil | C | Wettest month | 0.2 | 1 | 0.2 | - |
| Foliar | G | Wettest month | 0.05  | 4 | 0.2 | 7 |
| *Crop Subgroup 5-B - Brassica Leafy Greens Subgroup*  | Soil | C | Wettest month | 0.2 | 1 | 0.2 | - |
| *Crop Group 5 – Brassica (Cole) Leafy Vegetables*  | Foliar | G | Wettest month | 0.1 | 2 | 0.2 | 7 |
| *Soybeans (part of Crop Group 6)* | Foliar | A, C, G  | Wettest month | 0.1 | 2 | 0.2 | 7 |
| *Crop Group 9 – Cucurbit Vegetables*  | Soil | C | Wettest month | 0.2 | 1 | 0.2 | - |
| Foliar | G | Wettest month | 0.1 | 2 | 0.2 | 7 |
| Citrus (FL) \* (part of Crop Group 10) | Soil | C | Wettest month | 0.2 | 2 | 0.4 | 42 |
| *Crop Group 11 – Pome Fruits*  | Soil | C | Wettest month | 0.2 | 1 | 0.2 | - |
| Foliar | G | Wettest month | 0.2 | 1 | 0.2 | - |
| Peach (part of Crop Group 12) | Foliar | G | Wettest month | 0.1 | 2 | 0.2 | 10 |
| Grapes (part of Crop Group 13-07) | Soil | C | Wettest month | 0.2 | 1 | 0.2 | - |
| Foliar | C, G | Wettest month | 0.1 | 2 | 0.2 | 14 |
| *Crop Group 14 – Tree nuts*  | Soil, CA and FL only | G | Wettest month | 0.4 | 1 | 0.4 | - |
| Foliar | G | Wettest month | 0.2 | NS |  | NS |
| *Corn\*\* (part of Crop Group 15)* | Soil |  | Wettest month | 0.2 | 1 | 0.2 | - |
| *Rice (part of Crop Group 15)* | Foliar | A, G | Wettest month | 0.075 | 1 | 0.075 | - |
| **Cotton** *(part of Crop Group 20)* | Foliar | A, C, G | Wettest month | 0.102 | 2 | 0.204 | 7 |
| **Fig** *(part of Crop Group 23)* | Foliar | C, G | Wettest month | 0.1 | 2 | 0.2 | 14 |
| **Pomegranate** *(part of Crop Group 24)* | Soil | C | Wettest month | 0.1 | 2 | 0.2 | 14 |
| Foliar | G | Wettest month | 0.1 | 2 | 0.2 | 14 |
| **Artichoke** | Soil | C | Wettest month | 0.2 | 1 | 0.2 | 7 |
| Foliar | G | Wettest month | 0.05 | 4 | 0.2 | 7 |
| **Tobacco** | Soil | C | Wettest month | 0.1 | 2 | 0.2 | NS |
| Foliar | G | Wettest month | 0.066 | 3 | 0.2 | 7 |

***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.

\*Section 18 Emergency Exemption

\*\*Section 5 Experimental Use Permit

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

*Support Registration Review*. Environmental Protection Agency, Office of Pesticide Programs, EnvironmentalFate and Effects Division, November 27, 2017. [↑](#footnote-ref-1)
2. *Clothianidin Non-pollinator Addendum and Chemical-specific Response to Comments Document for Public Comments Received on the Registration Review Preliminary Pollinator and Preliminary Non-pollinator Risk Assessments.* Environmental Protection Agency, Office of Pesticide Programs, Environmental Fate and Effects Division, January 08, 2020. [↑](#footnote-ref-2)