## VRANGLER INSECTICIDE

EPA REG NO. 34704-931 SLN No. FL-220006

GROUP

4A INSECTICIDE



# FIFRA §24(c) Special Local Need

## FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF FLORIDA

For basal tree applications to suppress the transmission of Huanglongbing disease (citrus greening) by Asian Citrus Psyllid in young citrus groves and replants.

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THIS LABEL IS VALID UNTIL DECEMBER 31, 2027 UNLESS OTHERWISE AMENDED, WITHDRAWN, CANCELED, OR SUSPENDED.

### **ACTIVE INGREDIENT:**

Imidacloprid: 1-[(6-Chloro-3-pyridinyl)methyl]-N-nitro-2-imidazolidinimine	40.7%
OTHER INGREDIENTS (Inerts):	<u>59.3%</u>
TOTAL:	

Contains 4.0 pounds of active ingredient per gallon.

#### **DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. This label must be in the possession of the user at the time of pesticide application. All applicable directions, restrictions and precautions on the EPA registered label are to be followed.

Make applications on an individual tree basis; the size appropriate dose rate is to be applied as a soil drench using a metered dose directed to the soil adjacent to the trunk. Make applications in a volume not to exceed 32 ounces of diluted spray solution per tree (8-12 ounces is recommended). To ensure efficacy, the application site around the base of the tree, should be as weed-free as possible.

To prevent or delay the development of resistance, an effective foliar-applied product from an alternative mode of action grouping must be applied following a soil application of WRANGLER INSECTICIDE and prior to a subsequent soil application of this and/or other Group 4A products

#### **CITRUS**

Crops of Crop Group 10 Including: Calamondin, Citrus citron, Citrus hybrids (includes chironja, tangelo, and tangor), Grapefruit, Kumquat, Lemon, Lime, Mandarin (tangerine), Pummelo, Orange (sweet and sour), Satsuma mandarin, White sapote (Casimiroa spp), and other cultivars and/or hybrids of these.

Disease to be suppressed	Rate of product per acre per application
Huanglongbing disease transmission by Asian Citrus Psyllid	8-16 fl. oz. /acre

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**Rate Chart Based on Tree Height** 

Tree Size	Imidacloprid Rate/Tree	Application Restrictions
New plantings or resets,	0.0288 fl. oz./tree	Allow a minimum of 6 weeks
less than 3 feet tall	0.00090 lb. a.i./tree	between applications
One- to two-year-old trees,	0.0576 fl. oz./tree	Allow a minimum of 6 weeks
3 to 5 feet tall	0.0018 lb. a.i. /tree	between applications
Three- to five-year-old trees, 5 to 9 feet tall	0.115 fl. oz./tree <sup>1</sup> 0.0036 lb. a.i./tree	<ul> <li>Allow a minimum of 8 weeks between applications</li> <li>Do not exceed 2 applications per tree per 12 months</li> <li>Do not apply this product between November 1st and the completion of petal-fall the following year.</li> </ul>

<sup>&</sup>lt;sup>1</sup>Two applications at this per tree rate will support 140 treated-trees per acre

Do not exceed 16.0 fl. oz. WRANGLER INSECTICIDE (0.5 lb. a.i. imidacloprid) per acre per application, regardless of tree size, tree count per acre or application method.

Do not apply more than 32.0 fl. oz. of WRANGLER INSECTICIDE or exceed 1.0 lb. a.i. imidacloprid per acre per 12 months regardless of tree size, tree count per acre, application method or product brand utilized.

### **Environmental Hazards**

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area. Fall soil drench treatment of 3–5-year-old citrus trees may pose risks to honeybees that forage in the trees during the winter/spring bloom.

Applicators are advised to help mitigate such risks by cooperating with the Florida Department of Agriculture and Consumer Services in its efforts to communicate hive location/placement options with local beekeepers. For further information, see https://www.fdacs.gov/Agriculture-Industry/Bees-Apiary/Honey-Bee-Protection-in-Florida.

For a <u>MEDICAL EMERGENCY</u> involving this product call: <u>1-866-944-8565</u>
FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident call <u>CHEMTREC</u>, <u>1-800-424-9300</u>

24(c) Registrant:

Loveland Products, Inc P.O. BOX 1286 GREELEY, CO 80632-1286

ESTS 09/12/2022