



# FIFRA Section 24(c) Special Local Need

**GROUP 4A INSECTICIDE**

FOR DISTRIBUTION AND USE ONLY IN THE STATE OF FLORIDA

## **BELAY<sup>®</sup>** **INSECTICIDE**

EPA Reg. No. 59639-150  
EPA SLN No. FL-140007

### **BELAY<sup>®</sup> INSECTICIDE FOR CONTROL OF ASIAN CITRUS PSYLLID AND OTHER PESTS ON NON-BEARING CITRUS TREES**

Active Ingredient	By Wt
Clothianidin (( <i>E</i> )-1-(2-chloro-1,3-thiazol-5-ylmethyl)-3-methyl-2-nitroguanidine).....	23.0%
Other Ingredients.....	<u>77.0%</u>
Total	100.0%

#### **CAUTION**

This label expires and must not be distributed or used in accordance with this SLN registration after December 31, 2021.

#### **DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

**THIS LABELING MUST BE IN THE POSSESSION OF THE USER AT THE TIME OF APPLICATION. READ THE LABEL AFFIXED TO THE CONTAINER FOR *BELAY* INSECTICIDE BEFORE APPLYING. USE OF *BELAY* INSECTICIDE ACCORDING TO THIS LABELING IS SUBJECT TO THE USE PRECAUTIONS AND LIMITATIONS IMPOSED BY THE LABEL AFFIXED TO THE CONTAINER FOR *BELAY* INSECTICIDE.**

#### **ENVIRONMENTAL HAZARDS**

This product is toxic to aquatic invertebrates. Do not apply when weather conditions favor drift from treated areas. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters or rinsate.

This product is toxic to bees exposed to treatment and for more than 5 days following treatment. Do not apply this product to blooming, pollen-shedding or nectar-producing parts of plants if bees may forage on the plants during this time period. 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 bee keepers. For further information, see [www.FloridaBeeProtection.org](http://www.FloridaBeeProtection.org).

**In the State of Florida:** The properties of this chemical suggest it may leach into ground water if used in areas where soils are permeable and where the water table is very shallow. Do not apply within 25 feet of lakes, reservoirs, rivers, permanent streams, marshes, natural ponds, estuaries or commercial fish farm ponds.

<b>BELAY INSECTICIDE APPLICATION TO NON-BEARING CITRUS TREES</b>			
<b>CITRUS FRUIT</b>			
Australian Desert Lime; Australian Finger-Lime; Australian Round Lime; Brown River Finger Lime; Calamondin; Citron; Citrus Hybrids; Grapefruit; Japanese Summer Grapefruit; Kumquat; Lemon; Lime; Mediterranean Mandarin; Mount White Lime; New Guinea Wild Lime; Orange, Sour; Orange, Sweet; Pummelo; Russell River Lime; Satsuma Mandarin; Sweet Lime; Tachibana Orange; Tahiti Lime; Tangelo; Tangerine (Mandarin); Tangor; Trifoliate Orange; Uniq Fruit; Cultivars, Varieties and/or Hybrids of these			
<b>Disease Suppressed</b>		<b>Pests Controlled</b>	
Huanglongbing Disease Transmission by Asian Citrus Psyllid		Aphids Asian Citrus Psyllid Blackfly Citrus Leafminer Leafhoppers Mealybugs Scales Thrips (suppression) Whiteflies (suppression)	
<b>Soil Drench Rate Based on Tree Height</b>			
Tree Size	<i>Belay</i> Insecticide Rate per Acre	<i>Belay</i> Insecticide Rate per Tree <sup>1</sup>	Application Restictions
New plantings or resets, less than 3 feet tall.	3.0 fl oz/A (0.05 lb ai/A)	0.02 fl oz/tree (0.0003 lb ai/tree)	Allow a minimum of 6 weeks between applications
One to two year old trees, 3 to 5 feet tall	6.0 fl oz/A (0.1 lb ai/A)	0.04 fl oz/tree (0.0007 lb ai/tree)	Allow a minimum of 6 weeks between applications.
<ul style="list-style-type: none"> <li>Do not apply more than 24 fl oz per acre of <i>Belay</i> Insecticide or exceed 0.4 lb active ingredient clothianidin per acre per 12 months regardless of tree size, tree count per acre or application method.</li> <li>Do not apply within 1 year of harvest unless allowed under other labeling.</li> </ul>			

<sup>1</sup>Application rates per tree are based on a population of 150 trees per acre.

## **SOIL APPLICATION METHODS**

**Soil Surface Band:** Apply as a surface band treatment on each side of the tree up to the outer canopy drip line. Apply sufficient irrigation after application to ensure wetting of root zone.

**Chemigation:** Apply to the root zone of non-bearing trees via low pressure drip, trickle, micro-sprinkler or equivalent equipment. Apply sufficient irrigation after application to ensure wetting of the root zone.

**Drench:** Based on tree size, mix required dose in water and apply 8 to 12 fl oz of solution uniformly around the base of each tree, directed at the root zone. For optimal uptake and performance, keep soil moist for 7 days following application via irrigation or rainfall. To ensure efficacy, the application site around the base of the tree should be as weed-free as possible.

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*Belay* is a registered trademark of Sumitomo Chemical Company, Limited