

# FIFRA Section 24(c) Special Local Need



GROUP	4A	INSECTICIDE
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FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF FLORIDA

## **BELAY**<sup>®</sup> 50 WDG INSECTICIDE

FOR CONTROL OF ASIAN CITRUS PSYLLID AND OTHER PESTS  
ON NON-BEARING CITRUS TREES

EPA Reg. No. 59639-152  
EPA SLN No. FL-110001

	By Wt.
Active Ingredient	
*Clothianidin .....	50.0%
Other Ingredients .....	50.0%
Total .....	100.0%

\*(E)-1-(2-chloro-1,3-thiazol-5-ylmethyl)-3-methyl-2-nitroguanidine

**KEEP OUT OF REACH OF CHILDREN**

## **CAUTION**

Manufactured for:  
**Valent U.S.A. Corporation**  
Walnut Creek, CA 94596-8025  
Made in U.S.A.  
EPA Reg. No. 59639-152  
EPA EST. No. 39578-TX-01

**Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail).**

### **PERSONAL PROTECTIVE EQUIPMENT (PPE):**

Some of the materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.

**Applicators and other handlers must wear:** long-sleeved shirt and long pants, shoes and socks and chemical-resistant gloves made of any waterproof material such as polyethylene or polyvinyl chloride (PVC).

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables available, use detergent and hot water. Keep and wash PPE separately from other laundry.

### **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 where runoff is likely to occur. 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 washwater or rinsate.

**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.

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.

### **DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Persons using this product must comply with all applicable directions, restrictions, Worker Protections Standard requirements and precautions found on the label of the Federally registered product upon which this amendment is based.

This labeling must be in the possession of the user at the time of pesticide application.

**READ ENTIRE LABEL AND BOOKLET. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.**

## BELAY 50 WDG INSECTICIDE APPLICATION TO NON-BEARING CITRUS TREES

CROP	PESTS	RATE/A
<b>Non-Bearing Citrus Trees (<i>Citrus &amp; Fortunella spp.</i>) including:</b>  Calamondin; citrus citron; citrus hybrids (includes chironja, tangelo, tangor); grapefruit; kumquat; lemon; lime; mandarin (tangerine); orange, sour; orange, sweet; pummelo; Satsuma mandarin	Aphids Asian citrus psyllid Blackfly Citrus leafminer Leafhoppers Mealybugs Scales Thrips (suppression) Whiteflies (suppression)	<b>Soil Application:</b> 3.2 – 6.4 oz/A (0.1 - 0.2 lb ai/A)
		<b>Basal Bark Trunk Application:</b> 3.2 - 6.4 oz/A (0.1 - 0.2 lb ai/A)

### **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 root zone.

**Drench:** Mix required dose in water and uniformly apply to soil around base of tree, directed at the root zone. For optimal performance, apply at least 2 quarts of dilute solution per inch of trunk diameter. If lower drench volume is used, apply 1/2 inch of irrigation immediately after application to move product into root zone. Keep soil moist for at least 7 days.

**Basal Bark Trunk Spray:** Apply to the trunk from soil level to 24 inches up the tree, to the point of runoff. Adjust nozzle to uniformly distribute solution over the entire circumference of the tree trunk. Wet bark to just to the point of saturation and run off onto soil. Apply with a low volume applicator operated at 10 to 20 PSI to avoid tree damage, bounce back and off tree movement. For optimal control, apply to actively growing tree, and time application so that *Belay 50 WDG* Insecticide has had time to move to insect feeding sites of the target species. Bark penetration and insect control may be improved by mixing *Belay 50 WDG* Insecticide with an organo-silicone surfactant. Do not apply to wet bark, during rainfall or if rain is expected within 4 hours.

<b><i>Belay</i> 50 WDG Insecticide Application Rate/Tree</b>			
<b>Rate</b>	<b>Ounces / Tree</b>	<b>Trees / Ounce</b>	<b>Trees / 6.4 oz</b>
<b>3.2 oz/A (0.1 lb ai/A)</b>	<b>0.02 oz</b>	<b>50</b>	<b>320 trees</b>
<b>6.4 oz/A (0.2 lb ai/A)</b>	<b>0.04 oz</b>	<b>25</b>	<b>160 trees</b>

### **GENERAL USE RESTRICTIONS**

1. Always read and follow all label directions when using any pesticide alone or in tank-mix combinations. The most restrictive labeling applies when using a tank-mix.
2. Do not exceed 12.8 fl oz/A (0.4 lb ai/A) of *Belay* 50 WDG Insecticide per acre per year.
3. Do not apply within 1-year of harvest.

FIFRA § 24(c) Registrant: Valent U.S.A. Corporation, P.O. Box 8025, Walnut Creek, CA 94596-8025  
*Belay* is a registered trademark of Sumitomo Chemical Company, Ltd.