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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

JUL 9 2009

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

Ms. Julie B. Schlekau  
Valent U.S.A. Corporation  
1600 Riviera Avenue, Suite 200  
Walnut Creek, CA 94596

Subject: Supplemental Labels

EPA Reg. No. 59639-35  
Danitol® 2.4 EC Spray

Your submissions dated May 6, 2009 and June 25, 2009

Dear Ms. Schlekau;

The amendment referred to above, submitted in connection with registration under Section (3) (c) (7) (b) of the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable subject to the comments listed below. Two (2) copies of the finished labeling must be submitted prior to releasing the product for shipment. A stamped copy of the label is enclosed for your records.

1. Add the following restrictions at the end of the table for pome fruits: *"Do not apply within 14 days of harvest. Do not exceed 2-2/3 pts (42-2/3 fl oz, 0.8 lb ai) total application of Danitol 2.4 C per acre per season. Do not apply as a ULV spray. Do not feed or allow livestock to graze on cover crops from treated orchards."*

If you have questions regarding this action, please contact Olga Odiott at 703-308-9369.

Sincerely,

A handwritten signature in black ink, appearing to read "Kimberly Nesci".

Kimberly Nesci  
Interim Product Manager 13  
Insecticide Branch  
Registration Division (7505P)

Enclosure

# Supplemental Label



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**RESTRICTED USE PESTICIDE  
DUE TO TOXICITY TO FISH AND AQUATIC ORGANISMS.**

For retail sale to and use only by Certified Applicators, or persons under their direct supervision, and only for those uses covered by the Certified Applicator's certification.



**ACCEPTED  
with COMMENTS  
In EPA Letter Dated  
JUL 9 2009**

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 59639-35

EPA Reg. No. 59639-35

**DANITOL® 2.4 EC SPRAY FOR ADDITIONAL CROP USES ON BERRIES, OLIVE, POME FRUIT, STONE FRUIT, TREE NUTS AND TROPICAL AND SUB-TROPICAL FRUIT  
DANITOL 2.4 EC SPRAY FOR USE ON ADDITIONAL PESTS IN FRUITING VEGETABLES, GRAPE AND PEA (SUCCULENT)  
DANITOL 2.4 EC SPRAY TANK MIX WITH SELECT MAX® HERBICIDE WITH INSIDE TECHNOLOGY™ FOR USE ON COTTON**

**THIS LABELING MUST BE IN THE POSSESSION OF THE USER AT THE TIME OF APPLICATION. READ THE LABEL AFFIXED TO THE CONTAINER FOR DANITOL 2.4 EC SPRAY BEFORE APPLYING. USE OF DANITOL 2.4 EC SPRAY ACCORDING TO THIS LABELING IS SUBJECT TO THE USE PRECAUTIONS AND LIMITATIONS IMPOSED BY THE LABEL AFFIXED TO THE CONTAINER FOR DANITOL 2.4 EC SPRAY**

**DIRECTIONS FOR USE**

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

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

**ADDITIONAL CROP USES**

**BERRIES**

CROPS	PESTS	PRODUCT RATES FL OZ/A	SPECIAL INSTRUCTIONS
Bushberries: Blueberry Highbush Lowbush Rabbiteye Elderberry Gooseberry Huckleberry Juneberry	Blueberry Maggot Cherry Fruitworm Cranberry Fruitworm Japanese Beetle Obliquebanded Leafroller Plum Curculio	10-2/3 to 16 (0.2 to 0.3 lb ai/A)	Apply with air or ground equipment in adequate water for uniform coverage (3 to 10 gals/A by air or a minimum of 20 gals/A by ground).  Make applications beginning when first pest activity is noticed and repeat as needed but not more often than every 14 days.

continued

**BERRIES** (continued)

CROPS	PESTS	PRODUCT RATES FL OZ/A	SPECIAL INSTRUCTIONS
Lingonberry Salal Caneberries: Blackberry (including Bingleberry Boysenberry Dewberry Lowberry Marionberry Olallieberry Youngberry) Loganberry Raspberry, Black and Red	European Red Mite Two-spotted Spider Mite	16 (0.3 lb ai/A)	<b>Resistance Management:</b> Do not make more than two (2) <i>Danitol</i> 2.4 EC Spray applications per season as part of a Resistance Management Program. Use non-pyrethroid products at other timings to control pests.
	Blueberry Maggot Cherry Fruitworm Cranberry Fruitworm Japanese Beetle Obliquebanded Leafroller Plum Curculio	10-2/3 to 16 (0.2 to 0.3 lb ai/A)	
	European Red Mite Two-spotted Spider Mite	16 (0.3 lb ai/A)	
<ul style="list-style-type: none"> <li>Do not apply within 3 days of harvest.</li> <li>Do not exceed 2 pts (32 fl oz, 0.6 lb ai) total application of <i>Danitol</i> 2.4 EC Spray per acre per season.</li> </ul>			
Currant	Currant Borer	10-2/3 to 16 (0.2 to 0.3 lb ai/A)	Apply as a ground application in a minimum of 50 gals of water per acre.  Make applications beginning when first pest activity is noticed and repeat as needed but not more often than every 7 days.  <b>Resistance Management:</b> Do not make more than three (3) <i>Danitol</i> 2.4 EC Spray applications per season as part of a Resistance Management Program. Use non-pyrethroid products at other timings to control pests.
<ul style="list-style-type: none"> <li>Do not apply within 21 days of harvest.</li> <li>Do not exceed 2-2/3 pts (42-2/3 fl oz, 0.8 lb ai) total application of <i>Danitol</i> 2.4 EC Spray per acre per season.</li> </ul>			

**OLIVE**

PEST	PRODUCT RATE FL OZ/A	SPECIAL INSTRUCTIONS
Olive Fruit Fly	10-2/3 to 16 (0.2 to 0.3 lb ai/A)	<p>Apply as a ground application in a minimum of 100 gallons of water per acre.</p> <p>Make applications beginning when first pest activity is noticed and repeat as needed but not more often than every 14 days.</p> <p>Under severe pest pressure use the higher recommended rate.</p>
<ul style="list-style-type: none"> <li>Do not apply within seven (7) days of harvest.</li> <li>Do not exceed 2-2/3 pts (42-2/3 fl oz, 0.8 lb ai) total application of <i>Danitol</i> 2.4 EC Spray per acre per season.</li> </ul>		

**POME FRUIT**

Apple, Crabapple, Loquat, Mayhaw, Quince

PESTS	PRODUCT RATES FL OZ/A	SPECIAL INSTRUCTIONS
Potato Leafhopper Rosy Apple Aphid Spotted Tentiform Leafminer Tarnished Plant Bug White Apple Leafhopper	10-2/3 to 21-1/3 (0.2 to 0.4 lb ai/A)	<p>Begin applications at delayed dormant through first cover as common to the production area and the target pest.</p> <p>Apply by ground with airblast equipment as a full coverage spray and repeat as needed to maintain control but not more often than every 10 days.</p>
Apple Maggot Codling Moth European Apple Sawfly European Red Mite Green Fruitworm Green Stinkbug Japanese Beetle Lesser Appleworm Lygus Bugs Obliquebanded Leafroller Oriental Fruitmoth Pandemis Leafroller Periodical Cicada Plum Curculio Redbanded Leafroller Spirea Aphid Southern Green Stinkbugs Tufted Apple Budmoth Twospotted Spider Mite Variegated Leafroller	16 to 21-1/3 (0.3 to 0.4 lb ai/A)	<p><b>Resistance Management:</b> It is generally recommended that no more than 2 <i>Danitol</i> 2.4 EC Spray applications be made per season as part of a Resistance Management Program. Use non-pyrethroid products at other timings to control pests.</p> <p><b>Aphid Control:</b> Timing of applications is critical in achieving control. Use prebloom spray timings for Rosy Apple Aphid and post bloom spray timings for Spirea Aphid as recommended by State or County Extension Service.</p> <p><b>Codling Moth:</b> Make first application at Biofix + 250 degree days and repeat as needed to maintain control but not more often than every 10 days.</p> <p>Make pyrethroid insecticide applications according to local IPM programs and guidelines.</p> <p><b>Overwintering Pandemis and Obliquebanded leafrollers:</b> Apply at pink stage of tree growth.</p>

**STONE FRUIT:** such as Apricot, Cherry, Nectarine, Peach, Plum, Prune

PESTS	PRODUCT RATE FL OZ/A	SPECIAL INSTRUCTIONS
European Red Mite Green Fruitworm Green Stinkbug Navel Orangeworm Obliquebanded Leafroller Orange Tortrix Oriental Fruitmoth Peach Twig Borer Redbanded Leafroller Southern Green Stinkbug Two-spotted Spider Mite Variegated Leafroller	10-2/3 to 21-1/3 (0.2 to 0.4 lb ai/A)	Apply by ground in 100 to 400 gals/A with airblast equipment as a full coverage spray and repeat as needed to maintain control but not more often than every ten (10) days. Coverage is essential for good control. Apply in sufficient water volume for tree size. Use of higher water volume will assure better coverage.  Begin applications as common to the production area and the target pest.  <b>Resistance Management:</b> It is generally recommended that no more than two (2) <i>Danitol</i> 2.4 EC Spray applications be made per season as part of a Resistance Management program. Use non-pyrethroid products at other timings to control pests.  Make pyrethroid insecticide applications according to local Integrated Pest Management (IPM) programs and guidelines.
<ul style="list-style-type: none"> <li>• Do not apply <i>Danitol</i> 2.4 EC Spray within 3 days of harvest.</li> <li>• Do not exceed 2-2/3 pts (42-2/3 fl oz, 0.8 lb ai) total application of <i>Danitol</i> 2.4 EC Spray per acre per season.</li> <li>• Do not apply as an Ultra Low Volume (ULV) spray.</li> <li>• Do not feed or allow livestock to graze on cover crops from treated orchards.</li> </ul>		

**TREE NUTS:** such as Almond; Beechnut; Brazil; Butternut; Cashew; Chestnut; Chinquapin; Filbert (Hazelnut); Hickory; Macadamia; Pecan; Pistachio; Walnut

PESTS	PRODUCT RATE FL OZ/A	SPECIAL INSTRUCTIONS
Codling Moth European Red Mite Green Fruitworm Green Stinkbug Leafroller Navel Orangeworm Obliquebanded Leafroller Twig Borer Pecan Nut Casebearer Plant Bug Redbanded Leafroller Shuckworm Southern Green Stinkbug Two-spotted Spider Mite Variegated Leafroller	10-2/3 to 21-1/3 (0.2 to 0.4 lb ai/A)	Apply by ground in 50 to 400 gals/A with airblast equipment as a full coverage spray and repeat as needed to maintain control but not more often than every 10 days. Coverage is essential for good control. Apply in sufficient water volume for tree size. Use of higher water volume will assure better coverage.  Begin applications as common to the production area and the target pest.  <b>Codling Moth:</b> Make first application at Biofix + 250 degree days and repeat as needed to maintain control but not more often than every 10 days.  <b>Resistance Management:</b> It is generally recommended that no more than two (2) <i>Danitol</i> 2.4 EC Spray applications be made per season as part of a Resistance Management program. Use non-pyrethroid products at other timings to control pests.  Make pyrethroid insecticide applications according to local Integrated Pest Management (IPM) programs and guidelines.

continued

**TREE NUTS:** such as Almond; Beechnut; Brazil; Butternut; Cashew; Chestnut; Chinquapin; Filbert (Hazelnut); Hickory; Macadamia; Pecan; Pistachio; Walnut - continued

- Do not apply *Danitol* 2.4 EC Spray within 3 days of harvest.
- Do not exceed 2-2/3 pts (42-2/3 fl oz, 0.8 lb ai) total application of *Danitol* 2.4 EC Spray per acre per season.
- Do not apply as an Ultra Low Volume (ULV) spray.
- Do not feed or allow livestock to graze on cover crops from treated orchards.

**TROPICAL AND SUB TROPICAL FRUIT (Inedible Peel):** Avocado; Canistel; Mango; Papaya; Sapodilla; Sapote, Black; Mamey; Star Apple

PESTS	PRODUCT RATES FL OZ/A	SPECIAL INSTRUCTIONS
Avocado Looper Avocado Thrips Brown Mite Miráds Persea Mite	16 to 21-1/3 (0.3 to 0.4 lb ai/A)	Apply as a ground application in a minimum of 100 gals of water per acre. Application to avocado may be with aircraft in a minimum of 50 gallons of water per acre.  Make applications beginning when first pest activity is noticed and repeat as needed but not more often than every 14 days.  <b>Resistance Management:</b> <b>Avocado</b> - Do not make more than one pyrethroid application per season as part of a Resistance Management Program.  <b>Other crops</b> - Do not make more than two (2) <i>Danitol</i> 2.4 EC Spray applications per season as part of a Resistance Management Program. Use non-pyrethroid products at other timings to control pests.
<ul style="list-style-type: none"> <li>• Do not exceed 2-2/3 pts (42-2/3 fl oz, 0.8 lb ai) of <i>Danitol</i> 2.4 EC Spray per acre per season.</li> <li>• Do not apply within 1 day of harvest.</li> </ul>		

**DANITOL 2.4 EC SPRAY FOR USE ON ADDITIONAL PESTS**

**FRUITING VEGETABLES:** Bell Pepper; Chili Pepper; Cooking Pepper; Eggplant; Ground Cherry; (*Physalis* spp.); Pepino; Pimento; Sweet Pepper; Tomatillo; Tomato

PESTS	PRODUCT RATE FL OZ/A	SPECIAL INSTRUCTIONS
Green Stinkbug Southern Green Stinkbug  See container label for more pests.	10-2/3 (0.2 lb ai/A)	See container label for special instructions and precautions.

**GRAPE**

PESTS	PRODUCT RATE FL OZ/A	SPECIAL INSTRUCTIONS
Plum Curculio  See container label for more pests.	16 to 21-1/3 (0.3 to 0.4lb ai/A)	See container label for special instructions and precautions.

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**PEA (Succulent) including:** English Pea; Garden Pea; Green Pea; Pigeon Pea

PESTS	PRODUCT RATE FL OZ/A	SPECIAL INSTRUCTIONS
Green Stinkbug Southern Green Stinkbug  See container label for more pests.	10-2/3 (0.2 lb ai/A)	See container label for special instructions and precautions.

**TANK MIX APPLICATION OF *DANITOL* 2.4 EC SPRAY INSECTICIDE/MITICIDE AND  
*SELECT MAX* HERBICIDE FOR CONTROL OF INSECTS/MITES AND GRASS  
FOR USE ON COTTON**

APPLICATION RATES/ACRE <sup>1</sup>			
PRODUCT	ANNUAL GRASSES	PERENNIAL GRASSES	ADJUVANT RATE (V/V) <sup>2</sup>
<i>Danitol</i> 2.4 EC Spray	10-2/3 to 16 fl oz	10-2/3 to 16 fl oz	See tank mix label for specific adjuvant recommendations
+	+	+	
<i>Select Max</i> Herbicide	9 to 16 fl oz	12 to 32 fl oz	

<sup>1</sup> If grass regrowth occurs, or an additional flush of new grass emerges, make a second application of *Select Max* Herbicide alone (without *Danitol* 2.4 EC Spray) according to the appropriate size and rate recommendations.

<sup>2</sup> Always use non-ionic surfactant at 0.25% or COC/MSO at 1 qt/A or 1% v/v in the finished spray solution plus ammonium sulfate at 2.5 to 4.0 lbs/A.

**PLEASE CONTACT VALENT U.S.A. CORPORATION AT 800-6-VALENT (682-5368) TO DETERMINE IF THIS USE IS REGISTERED IN YOUR STATE.**

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Manufactured for  
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Made in U.S.A.

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