



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Linda Obersted  
Project Manager  
Registration and Regulatory Affairs  
Valent U. S. A. Corporation  
1600 Riviera Avenue, Suite 200  
Walnut Creek, CA 94596-8025

OCT 23 2008

SUBJECT: Application for Pesticide Notification – Add Resistance Mgmt., Update Warranty, Replace  
Tank Mixes, Add Pests, Correct Typos, etc.  
Danitol® 2.4 EC Spray  
EPA Reg. No. 59639-35  
Application Dated October 19, 2007

Dear Mr. Maurer:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the actions requested fall within the scope of PRN 98-10. The label submitted with the application has been stamped "Notification" and will be placed in our records.

If you have any questions, please call me directly at 703-305-6249 or Terri Stowe of my staff at 703-305-6117.

Sincerely,

A handwritten signature in black ink, appearing to be "Linda Arrington".

Linda Arrington  
Notifications & Minor Formulations Team Leader  
Registration Division (7505P)  
Office of Pesticide Programs



United States  
Environmental Protection Agency  
Washington, DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number  
306334

Application for Pesticide - Section I

1. Company/Product Number 59639-35	2. EPA Product Manager Mr. George LaRocca	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Danitol 2.4 EC Spray	PM# 01	
5. Name and Address of Applicant (Include ZIP Code) Valent U.S.A. Corporation 1600 Riviera Ave., Suite 200 Walnut Creek, CA 94596-8025 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

NOTIFICATION

OCT 23 2008

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

NOTIFICATION:  
Added Resistance Management, updated warranty/disclaimer statement, deleted Scout X-tra, replaced tank mix Select 2 EC Herbicide with Select Max Herbicide for use in cotton, added pest, added Rabbiteye to list of Bushberries, corrected typo of Cane Borer to Currant Borer in Currant, and updated tradenames where applicable.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Metal	<input checked="" type="checkbox"/> Plastic
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
		If "Yes" Package wgt.	No. per container	<input type="checkbox"/> Other (Specify) _____	
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input checked="" type="checkbox"/> On Labeling	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph Paper glued Stenciled			<input type="checkbox"/> Other _____		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Eric Maurer	Title Project Manager	Telephone No. (Include Area Code) (202) 872-4682
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature <i>Linda Phrested for</i>	3. Title Project Manager	
4. Typed Name Eric Maurer	5. Date October 19, 2007	

1600 Riviera Avenue  
Suite 200  
PO. Box 8025  
Walnut Creek, CA 94596-8025  
(925) 256-2700



# Certification with Respect to Label Integrity

version: 9/11/02

I certify that the information (including, but not limited to, text, tables, and graphics) contained in the electronic file identified below by file name and submitted with this certification is the same information as that on the paper copies of these documents included with this submission.

PROPOSED LABEL		
EPA Registration #	Date Submitted to EPA	Electronic file name
59639-35	10/19/07	059639.00035.20071019.DAN.NOTIF.pdf

I certify that the statements that I have made on this form are true, accurate, and complete. I acknowledge that any knowingly false or misleading statements may be punishable by fine or imprisonment or both under applicable law.

Linda Obrestad  
Signature

October 19, 2007  
Date

for Eric Maurer  
Project Manager  
Registration and Regulatory Affairs  
Valent U.S.A. Corporation

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1600 Riviera Avenue  
Suite 200  
P.O. Box 8025  
Walnut Creek, CA 94596-8025  
(925) 256-2700



October 19, 2007

**Notification of Danitol® 2.4 EC Spray  
(EPA Reg. No. 59639-35) per PR Notice 98-10**

Mr. George T. LaRocca  
Document Processing Desk (NOTIF)  
Office of Pesticide Programs (7504P)  
U.S. Environmental Protection Agency  
Room S-4900, One Potomac Yard  
2777 South Crystal Drive  
Arlington, Virginia 22202-4501

Dear Mr. LaRocca:

Valent U.S.A. Corporation is submitting this notification to update our product label for Danitol® 2.4 EC Spray (59639-35) as follows:

- Added a Resistance Management Group box (Page 1)
- Updated the warranty/disclaimer statement following recent updates to the language per EPA (Page 5)
- Added the Resistance Management box using exact language from PR-Notice 2001-5 (Page 6)
- Deleted Scout X-tra because it is no longer applicable (Page 11)
- Replaced Select 2 EC® with Select Max® as a tank mix in cotton (Page 11; per Table A of PR Notice 98-10)
- Added Periodical Cicada to Grape (Page 12) and Pome Fruit (Page 16 and 17)
- Added Rabbiteye to Bushberries (Page 19)
- Corrected Cane Borer to Currant Borer (Page 19)
- Corrected tradenames where applicable

Thank you very much for your consideration of this request and please contact me at 202-872-4682 or [eric.maurer@valent.com](mailto:eric.maurer@valent.com) if you have any questions.

Sincerely,

*Eric J. Maurer*  
Eric J. Maurer  
Project Manager

Registration and Regulatory Affairs

Enclosures

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1600 Riviera Avenue  
Suite 200  
P.O. Box 8025  
Walnut Creek, CA 94596-8025  
(925) 256-2700



October 19, 2007

**Danitol® 2.4 EC Spray**  
**EPA Reg No. 59639-35**  
**Notification**  
**OPP. Identifier .No. 306334**

**CERTIFICATION STATEMENT**

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

*Eric Maurer*  
for Eric Maurer  
Project Manager  
Registration and Regulatory Affairs  
Valent U.S.A. Corporation

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# NOTIFICATION

OCT 23 2008

## NOTIFICATION

GROUP	3	INSECTICIDE
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<p><b>RESTRICTED USE PESTICIDE</b>  <b>DUE TO TOXICITY TO FISH AND AQUATIC ORGANISMS.</b>  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.</p>
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# DANITOL<sup>®</sup> 2.4 EC Spray

(INSECTICIDE - MITICIDE)

	By Wt.
Active Ingredient	
Fenprothrin*.....	30.9%
Other Ingredients .....	<u>69.1%</u>
Total .....	100.0%

\*alpha-cyano-3-phenoxybenzyl 2,2,3,3-tetramethylcyclopropanecarboxylate

Contains 2.4 pounds fenprothrin per gallon.  
Contains Petroleum Distillates

**KEEP OUT OF REACH OF CHILDREN**

## WARNING - AVISO

SEE NEXT PAGE FOR ADDITIONAL PRECAUTIONARY STATEMENTS

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).

**NET CONTENT 1 GALLON**

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS & DOMESTIC ANIMALS

## WARNING

Maybe fatal if swallowed. Causes substantial but temporary eye injury. Do not get in eyes, on skin, or on clothing. Wear protective eyewear (goggles, face shield, or safety glasses). Causes skin irritation. Harmful if inhaled or if absorbed through skin. Avoid breathing vapor or spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing and wash clothing before reuse.

### FIRST AID

- |                                |   |
|--------------------------------|---|
| <b>If swallowed:</b>           | <ul style="list-style-type: none"> <li>• Immediately call a poison control center or doctor.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give <b>any</b> liquid to the person.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul> |
| <b>If in eyes:</b>             | <ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center for treatment advice.</li> </ul>                                   |
| <b>If on skin or clothing:</b> | <ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>   |
| <b>If inhaled:</b>             | <ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>                        |

### HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact **1-800-892-0099** for emergency medical treatment information.

### NOTES TO PHYSICIAN

Possible mucosal damage may contraindicate the use of gastric lavage. This product may pose an aspiration pneumonia hazard. Treatment is supportive and symptomatic. Diazepam has been recommended to reduce the CNS effects of fenproprathrin.

### PERSONAL PROTECTIVE EQUIPMENT (PPE):

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

**Applicators and other handlers must wear:** long-sleeved shirt and long pants, chemical-resistant gloves, such as Barrier Laminate or Viton  $\geq$  14 mils, shoes plus socks and protective eyewear.

**Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.** Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**USER SAFETY RECOMMENDATIONS**

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**ENVIRONMENTAL HAZARDS:**

This product is extremely toxic to fish and aquatic organisms and is toxic to wildlife. 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 apply when weather conditions favor drift from areas treated. Do not contaminate water when cleaning equipment or when disposing of equipment washwaters.

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.

**PHYSICAL OR CHEMICAL HAZARDS:**

Do not use or store near heat or open flame.

**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.**

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

**AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 24 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: coveralls, chemical-resistant gloves, such as Barrier Laminate or Viton ≥ 14 mils, shoes plus socks and protective eyewear.



**ADDITIONAL RESTRICTIONS FOR USE IN NEW YORK**

Do not apply this product within 100 feet of any freshwater lake, pond, river, stream or wetland in the state of New York. Do not apply this product within 100 feet of a coastal marsh or any water that drains into a coastal marsh in the state of New York. Aerial application is prohibited in the state of New York. Single application greater than 0.3 lb. ai per acre and seasonal applications greater than 0.6 lb. ai per acre are prohibited in the state of New York.

**ADDITIONAL PERSONAL PROTECTIVE EQUIPMENT REQUIREMENTS FOR USE IN CALIFORNIA**

For California workers these directions are in addition to the Personal Protective Equipment (PPE) requirements found elsewhere on the container label.

- Handlers mixing and loading *Danitol* 2.4 EC Spray for aerial application must use a closed mixing/loading system.
- Applicators applying *Danitol* 2.4 EC Spray by airblast must wear: chemical resistant headgear and coveralls.

**CALIFORNIA SPECIFIC REQUIREMENTS FOR COTTON:**

**Drivers of ground application equipment:** Drivers are required to follow the federal personal protective equipment requirements for applicators and, if not in an enclosed cab, must wear a chemical-resistant suit over work clothes.

**Flaggers:** Whenever possible, mechanical flaggers should be used. Flaggers are required to follow the federal personal protective equipment requirements and, if not in an enclosed cab, must wear coveralls over work clothes.

When handlers (including drivers of ground application equipment and flaggers) use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

**Field Scouts:** For the first 24 hours after application, field scouts are required to follow federal restricted-entry interval (REI) personal protective equipment requirements. On days 2 through 8 after application, field scouts must wear: long-sleeved shirt and long pants or coveralls and shoes plus socks.

**CALIFORNIA SPECIFIC REQUIREMENTS FOR HAND LABOR ACTIVITIES (40 CFR§170) ON GRAPES:**

For the first 3 days after application, hand laborers must wear: coveralls, chemical resistant gloves, such as Barrier Laminate or Viton ≥ 14 mils, socks plus shoes and protective eyewear.

**CALIFORNIA SPECIFIC REQUIREMENTS FOR HAND LABOR ACTIVITIES (40 CFR§170) ON APPLES AND PEARS:**

For the first 5 days after application, hand laborers must wear: coveralls, chemical resistant gloves, such as Barrier Laminate or Viton ≥ 14 mils, socks plus shoes and protective eyewear.

**CALIFORNIA SPECIFIC REQUIREMENTS FOR STRAWBERRY HARVESTERS:**

Following treatment of strawberry fields with higher recommended rates (16 to 21 1/3 fl. oz./A, 0.3 to 0.4 lb. ai/A), harvesters must wear a long-sleeved shirt, long pants, shoes plus socks and gloves for three (3) days following application.

**DISCLAIMER, RISKS OF USING THIS PRODUCT,  
LIMITED WARRANTY  
AND LIMITATION OF LIABILITY**

**IMPORTANT:** Read the entire Label including this Disclaimer, Risks of Using this Product, Limited Warranty, and Limitation of Liability before using this product. If the terms are not acceptable THEN DO NOT USE THE PRODUCT; rather, return the unopened product within 15 days of purchase for a refund of the purchase price.

**RISKS OF USING THIS PRODUCT**

The Buyer and User (referred to collectively herein as "Buyer") of this product should be aware that there are inherent unintended risks associated with the use of this product which are impossible to eliminate. These risks include, but are not limited to, injury to plants and crops to which this product is applied, lack of control of the target pests or weeds, resistance of the target pest or weeds to this product, injury caused by drift, and injury to rotational crops caused by carryover in the soil. Such risks of crop injury, non-performance, resistance or other unintended consequences are unavoidable and may result because of such factors as weather, soil conditions, disease, moisture conditions, irrigation practices, condition of the crop at the time of application, presence of other materials either applied in the tank mix with this product or prior to application of this product, cultural practices or the manner of use or application, (or a combination of such factors) all of which are factors beyond the control of Valent. The Buyer should be aware that these inherent unintended risks may reduce the harvested yield of the crop in all or a portion of the treated acreage, or otherwise affect the crop such that additional care, treatment and expense are required to take the crop to harvest. If the Buyer chooses not to accept these risks, THEN THIS PRODUCT SHOULD NOT BE APPLIED. By applying this product Buyer acknowledges and accepts these inherent unintended risks AND TO THE FULLEST EXTENT ALLOWED BY LAW, AGREES THAT ALL SUCH RISKS ASSOCIATED WITH THE APPLICATION AND USE ARE ASSUMED BY THE BUYER.

Valent shall not be responsible for losses or damages (including, but not limited to, loss of yield, increased expenses of farming the crop or such incidental, consequential or special damages that may be claimed) resulting from use of this product in any manner not set forth on the label. Buyer assumes all risks associated with the use of this product in any manner or under conditions not specifically directed or approved on the label.

**LIMITED WARRANTY**

Valent warrants only that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the label, under average use conditions, when used strictly in accordance with the label and subject to the Risks of Using This Product as described above. EXCEPT AS SET FORTH ABOVE, VALENT MAKES NO OTHER WARRANTIES, EITHER EXPRESSED OR IMPLIED. No agent or representative of Valent or Seller is authorized to make or create any other express or implied warranty.

**LIMITATION OF LIABILITY**

To the fullest extent allowed by law, Valent or Seller is not liable for any incidental, consequential, indirect or special damages resulting from the use or handling of this product. The limitation includes, but is not limited to, loss of yield on all or any portion of the treated acreage, increased care, treatment or other expenses required to take the crop to harvest, increased finance charges or altered finance ratings, emotional or mental distress and/or exemplary damages. TO THE FULLEST EXTENT ALLOWED BY LAW, THE EXCLUSIVE REMEDY OF THE BUYER, AND THE EXCLUSIVE MAXIMUM LIABILITY OF VALENT OR SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT SHALL BE THE RETURN OF THE PURCHASE PRICE OF THIS PRODUCT OR, AT THE ELECTION OF VALENT OR SELLER, THE REPLACEMENT OF THE PRODUCT.

**PROMPT NOTICE OF CLAIM**

To the extent consistent with applicable law allowing such requirements, Valent must be provided notice as soon as Buyer has reason to believe it may have a claim, but in no event later than twenty-one days from date of planting, or twenty-one days from the date of application, whichever is latter, so that an immediate inspection of the affected property and growing crops can be made.

To the extent consistent with applicable law, if Buyer does not notify Valent of any claims, in such period, it shall be barred from obtaining any remedy.

**NO AMENDMENTS**

Valent and Seller offer this product, and Buyer accepts it, subject to the foregoing Disclaimer, Risks of Using This Product, Limited Warranty and Limitation of Liability, which may not be modified by any oral or written agreement.

**TANK MIXES**

**NOTICE:** Tank mixing or use of this product with any other product which is not specifically and expressly authorized by the label shall be the exclusive risk of user, applicator and/or application advisor.

Read and follow the entire label of each product to be used in the tank mix with this product.

## RESISTANCE MANAGEMENT

*Danitol* 2.4 EC Spray contains a Group 3 insecticide. Insect biotypes with acquired resistance to Group 3 insecticides may eventually dominate the insect population if Group 3 insecticides are used repeatedly in the same field or in successive years as the primary method of control for targeted species. This may result in partial or total loss of control of those species by *Danitol* 2.4 EC or other Group 3 insecticides.

To delay insecticide resistance consider:

- Avoiding the consecutive use of *Danitol* 2.4 EC or other Group 3 insecticides that have a similar target site of action, on the same insect species.
- Using tank mixtures or premixes with insecticides from a different target site of action Group as long as the involved products are all registered for the same use and have different sites of action.
- Basing insecticide use on a comprehensive Integrated Pest Management (IPM) program.
- Monitoring treated insect populations for loss of field efficacy.
- Contacting your local extension specialist, certified crop advisors and/or manufacturer for insecticide resistance management program and/or IPM recommendations for the specific site and resistant pest problems.

For further information or to report suspected resistance, you may contact Valent U.S.A. Corporation at the toll free number: 1-800-682-5368.

## **CROP ROTATION**

There are no restrictions on rotational crops.

## **MIXING INSTRUCTIONS**

*Danitol 2.4 EC Spray* mixes readily with water. When tank mixing with ORTHENE® 90 S, first mix the recommended amount of ORTHENE 90 S in the appropriate amount of water, then add the *Danitol 2.4 EC* last. Agitate well. All applicable directions, restrictions and precautions on both the ORTHENE and *Danitol 2.4 EC* EPA registered labels are to be followed.

## **RESISTANCE MANAGEMENT**

Some insects are known to develop resistance to products used repeatedly for control. Because the development of resistance cannot be predicted, the use of this product should conform to resistance management strategies established for the use area. Consult your local or state agricultural authorities for details.

If resistance to this product develops in your area, this product or other products with similar mode of action, may not provide adequate control. If poor performance cannot be attributed to improper application or extreme weather conditions, a resistant strain of insect may be present. If you experience difficulty with control and resistance is a reasonable cause, immediately consult your local company representative or agricultural advisor for the best alternative method of control for your area.

## **RESTRICTIONS AND LIMITATIONS**

Do not apply under conditions involving possible drift to food, forage or other plantings that might be damaged or the crop thereof, rendered unfit for sale, use or consumption.

**Do not apply this product through any type of irrigation system. Not for use in or around residential areas.**

## **MITIGATION OF SPRAY DRIFT**

**OBSERVE THE FOLLOWING PRECAUTIONS WHEN MAKING ANY APPLICATION IN THE VICINITY OF AQUATIC AREAS SUCH AS LAKES, RESERVOIRS, RIVERS, PERMANENT STREAMS, MARSHES, OR NATURAL PONDS, ESTUARIES, AND COMMERCIAL FISH FARM PONDS.**

### **General Precautions (aerial, ground and air-assisted/airblast applications):**

- Do not apply by ground within **25 ft.** of lakes, reservoirs, rivers, permanent streams, marshes, or natural ponds; estuaries and commercial fish farm ponds.
- All aerial, ground and air-assisted/airblast application equipment must be properly maintained and calibrated using water as carrier. Do not apply this product as an ultralow volume (ULV) spray or in any carrier other than water.
- Do not cultivate within 10 ft. of the aquatic area so as to allow growth of a vegetative filter strip to alleviate drift and mitigate runoff.
- Use the largest droplet size consistent with pest control. Formation of very small drops may be minimized by appropriate nozzle selection, by orienting nozzles away from the air stream as much as possible, and by avoiding excessive spray pressure. Do not increase spray volume by increasing spray pressure.
- Only make applications when the wind velocity favors on-target product deposition (approximately 3 to 10 mph). Do not apply when wind velocity exceeds 15 mph. Avoid applications when wind gusts approach 15 mph.
- Risk of exposure to aquatic areas, can be reduced by avoiding applications when wind direction is toward the aquatic areas.
- Low humidity and high temperatures increase the evaporation rate of spray droplets and therefore the likelihood of increased spray drift to aquatic areas. Avoid spraying during conditions of low humidity and/or high temperature.

- Do not make aerial, ground, or air-assisted/airblast applications during temperature inversions. Inversions are characterized by stable air and increasing temperatures with height above the ground. Mist or fog may indicate the presence of an inversion in humid areas. The applicator may detect the presence of an inversion by producing smoke and observing a smoke layer near the ground surface.

**Aerial Applications**

- For aerial applications the spray boom should be mounted on the aircraft so as to minimize drift caused by wing tip vortices. The minimum practical boom length should be used and must not exceed 75% of wing span or rotor diameter.
- Spray should be released at the lowest height consistent with good pest control and flight safety. Applications more than 10 ft. above the crop should be avoided.
- Do not apply by air within **150 ft** of lakes, reservoirs, rivers, permanent streams, marshes, or natural ponds, estuaries and commercial fish farm ponds.

**Additional spray drift precautions specific to air assisted (airblast, mist blower, etc.) applications to tree and vine crops (apple, citrus, grape and pear):**

- Do not apply by air-assisted/airblast application at dormant, delayed-dormant or early spring timing (no or little foliage present) within **250 ft** of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries and commercial fish farm ponds.
- Do not apply by air-assisted/airblast application to nondormant crops (foliage present) within **25 ft** of lakes, reservoirs, rivers, permanent streams, marshes, or natural ponds, estuaries, and commercial fish farm ponds.
- Spray the outside row inward using nozzles on the inward side only. Shut off nozzles when turning at the ends of rows. Further reduction of spray drift may be obtained by shutting the nozzles off (manually or automatically) when passing gaps between adjacent trees.
- Sprayer air deflectors and nozzle orientation should be adjusted to ensure that the spray pattern is properly directed toward the desired canopy location. Avoid spraying over the tops of trees by adjusting or turning off the top nozzles. Turn off as many nozzles as necessary to direct spray to small trees.

### CITRUS

CROP	PESTS	PRODUCT RATES FL OZ/A	SPECIAL INSTRUCTIONS
Citrus	Citrus Thrips (AZ & CA only)	21-1/3 (0.4 lb. ai/A)	<p>Apply with airblast equipment as a concentrate or dilute spray to give outside coverage (50 - 200 gals/A). Make application when pest activity is first noted.</p> <p><b>Resistance Management:</b> It is generally recommended that no more than one <i>Danitol</i> 2.4 EC application be made per season as part of a Resistance Management Program. Use non-pyrethroid products at other timings to control pests.</p>
	Glassy-winged Sharpshooter	10-2/3 – 21-1/3 (0.2 - 0.4 lb ai/A)	Apply with air or ground equipment as a full coverage spray in sufficient water for thorough coverage (minimum of 20 gals/A by air or 50 - 500 gals/A by ground). Spray volumes vary depending upon foliage density, size and number of trees per acre.
	Citrus Blackfly Citrus Flat Mite Citrus Psyllid Citrus Red Mite Citrus Root Weevil (adults only) Citrus Thrips (Outside AZ & CA) Flower Thrips Katydid Orchid Thrips Texas Citrus Mite Twospotted Spider Mite Yuma Mite	16 – 21-1/3 (0.3 - 0.4 lb ai/A)	<p>Apply with air or ground equipment as a concentrate or dilute spray to give outside coverage (Minimum of 5 gals/A by air or 50 - 500 gals/A by ground). Begin applications when pest activity is first noted and repeat as needed to maintain control but not more often than every 10 days.</p> <p>Use the higher <i>Danitol</i> 2.4 EC rate when pest pressure is severe.</p>
	Citrus Rust Mite	16 – 21-1/3 (0.3 - 0.4 lb ai/A)	<p>Apply when citrus rust mite pressure appears. Best results are achieved when rust mite populations are low (treatment is recommended when rust mite populations are just beginning to build). Do not apply under high rust mite populations. Begin applications when pest activity is first noted and repeat as needed to maintain control but not more often than every 10 days.</p> <p>Apply with airblast equipment as a concentrate or dilute spray. Spray volumes of 150 - 500 gals./A are recommended. Spray volumes vary depending upon foliage density, size and number of trees per acre.</p> <p>Better results are achieved when <i>Danitol</i> 2.4 EC is used with a petroleum spray oil. Summer spray program oil rates of 1 - 5 gals/A may be used in some citrus production areas. Check local or state recommendations for suggested oil rates.</p> <p>DO NOT tank mix with any copper formulations.</p>
<p>Best results are achieved if applications are made when temperatures are moderate (usually early morning or evening).            Avoid making applications if the temperature is 94°F. or above.            Do not apply within 1 day of harvest.            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 per acre per season (21-1/3 fl oz/A in AZ or CA).            Do not feed or graze livestock on treated grove cover crops.            Additional pesticide sprays may be required to obtain season-long pest control. See Resistance Management Statement.</p>			

### COTTON

CROP	PESTS	PRODUCT RATES FL OZ/A	SPECIAL INSTRUCTIONS
Cotton	Beet Armyworm Bollworm Cotton Leafperforator Leafhopper Plant Bugs (Lygus) (except AZ) Saltmarsh Caterpillar Tobacco Budworm Twospotted Spider Mite (except CA)	10-2/3 - 16 (0.2 - 0.3 lb ai/A)	Apply with air or ground equipment in a seasonal program in adequate water for uniform coverage (3 - 10 gals/A by air or 10- 50 gals/A by ground).  <b>Higher water volumes provide improved insect control.</b>  Insect control may be improved by the addition of a non-ionic surfactant to the spray solution according to manufacturer's recommendation.  Begin applications when first pest activity is noticed and repeat as needed to maintain control, but not more often than every 7 days. Under severe pest pressure, use the higher recommended rates.  <i>Danitol</i> 2.4 EC may be mixed with and/or alternated with commonly used insecticides to comply with local IPM programs.
	Cotton Aphid (except CA) Pink Bollworm Silverleaf Whitefly Sweetpotato Whitefly Western Flower Thrips	8 - 16 (0.15 - 0.3 lb ai/A)  +  16 - 32 Monitor <sup>®</sup> 4 (0.5 - 1.0 lb ai/A)	Apply with air or ground equipment in a seasonal program in adequate water for uniform coverage (3 - 10 gals/A by air or 25 - 50 gals/A by ground).  Begin applications when first pest activity is noticed and repeat as needed to maintain control, but not more often than every 7 days. Under severe pest pressure, use the higher recommended rates.  Do not apply within 50 days of harvest or after bolls open. Comply with all applicable directions, restrictions, phi's and precautions on the EPA registered labels for Monitor 4 Spray and <i>Danitol</i> 2.4 EC.  Use a minimum application rate of 10-2/3 fl oz/A <i>Danitol</i> 2.4 EC (0.2 lb ai/A) in CA and AZ.

continued

**COTTON** (continued)

CROP	PESTS	PRODUCT RATES FL OZ/A	SPECIAL INSTRUCTIONS
Cotton	Bandedwing Whitefly Bollworm Cabbage Looper Cotton Leafperforator Cutworm	8 - 16 (0.15 - 0.3 lb ai/A)  +	Apply with air or ground equipment in a seasonal program in adequate water for uniform coverage (3 - 10 gals/A by air (minimum 5 gals/A in CA) or 10 - 25 gals/A by ground).
	Fall Armyworm Fleahopper Pink Bollworm Plant Bug ( <i>Lygus</i> ) Silverleaf Whitefly Stinkbug Sweetpotato Whitefly Thrips Tobacco Budworm Twospotted Spider Mite (except CA)	11 - 21 oz. Orthene®75 S (0.5 - 1.0 lb ai/A)  or  9 - 16 oz. Orthene 90 S (0.5 - 1.0 lb ai/A) or	For control of Pink Bollworm, Silverleaf Whitefly, and Sweetpotato Whitefly, tank mix <i>Danitol</i> 2.4 EC with Orthene 75 S, Orthene 90 S or Orthene 97 at indicated rates. Comply with all applicable directions, restrictions and precautions on the EPA registered labels for, Orthene 75 S, Orthene 90 S or Orthene. 97  <b>Stinkbugs and Cutworms:</b> Use Orthene 75 S at 16 oz/A or Orthene 90 S or Orthene 97 at 12 oz/A.
		8 - 16 oz. Orthene® 97 (0.5 - 1.0 lb ai/A)	Use a minimum application rate of 10-2/3 fl oz/A. <i>Danitol</i> 2.4 EC (0.2 lb ai/A) in CA and AZ.
Do not apply within 21 days of harvest. 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 per acre per season. Do not feed gin trash or treated forage to livestock or allow animals to graze on treated fields.			

**SPRAY DRIFT RECOMMENDATIONS AND OTHER PRECAUTIONS FOR COTTON**

Do not make more than a total of 10 synthetic pyrethroid applications (of one product or combination of products) to a cotton crop in one growing season. Synthetic pyrethroid products include Ammo® Insecticide, Asana® XL Insecticide, Baythroid® Emulsifiable Pyrethroid Insecticide, Capture® Insecticide/Miticide, *Danitol*® 2.4 EC Spray Insecticide/Miticide, Decis®, Fury® Insecticide, Karate® Insecticide, Mustang® Insecticide and SynerGin™ 2.

All aerial and ground application equipment must be properly maintained and calibrated using appropriate carriers.

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

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) 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..



### GRAPE

CROP	PESTS	PRODUCT RATES FL OZ/A	SPECIAL INSTRUCTIONS
Grape	Eastern Grape Leafhopper Grape Flea Beetle Grape Leaf Skeletonizer Potato Leafhopper Variegated Grape Leafhopper Western Grape Leafhopper	5-1/3 – 10-2/3 (0.1 - 0.2 lb ai/A)	Apply as a full coverage spray in 25 - 200 gals of water per acre. Start sprays when pest activity begins and repeat as needed to maintain control but not more often than every 7 days. When pest pressure is moderate or severe use the higher recommended rate.  <b>Resistance Management:</b> It is generally recommended that no more than 2 <i>Danitol</i> 2.4 EC applications be made per season as part of a Resistance Management Program. Use non-pyrethroid products at other timings to control pests.  <i>Danitol</i> 2.4 EC may be tank mixed and/or alternated with other commonly used insecticides and miticides to comply with local IPM programs.  <b>Glassy-winged Sharpshooter:</b> Apply with air or ground equipment in 25 - 200 gals of water per acre.
	Banded Grape Bug Climbing Cutworm European Red Mite (except CA) Glassy-winged Sharpshooter Grape Berry Moth Grape Cane Gallmaker Grape Leafroller Grape Phylloxera (foliar feeding form) Grasshopper Redlegged and Differential Japanese Beetle Lygocoris inconspicuous Omnivorous Leafroller Orange Tortrix Plume Moth Red Banded Leafroller Rose chafer Spider Twospotted Spider Mite (except CA)	10-2/3 – 21-1/3 (0.2 - 0.4 lb ai/A)	
	Plum Curculio	16 – 21-1/3 (0.3 - 0.4lb ai/A)	
Do not apply within 21 days of harvest. 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 per acre per season.			

### HEAD AND STEM BRASSICA (Subgroup 5A)

CROPS	PESTS	PRODUCT RATES FL OZ/A	SPECIAL INSTRUCTIONS
Head and Stem Brassica: Broccoli Brussels Sprouts Cabbage Cauliflower Cavalo Broccolo Chinese Broccoli (gai lon) Chinese Cabbage (napa) Chinese Mustard Cabbage (gai choy) Kohlrabi	Cabbage Looper Imported Cabbageworm Yellowstriped Armyworm	10-2/3 - 16 (0.2 - 0.3 lb ai/A)	Apply with air or ground equipment in adequate water for uniform coverage (3 - 10 gals/A by air or 20 - 50 gals/A by ground). Use a minimum 25 gals/A for tank mixture with Orthene 75 S). Insect control may be improved by the addition of a non-ionic surfactant to the spray solution.  Begin applications when first pest activity is noticed and repeat as needed to maintain control but not more often than every 7 days. Under severe pest pressure use the higher recommended rate.
Brussels Sprouts Cauliflower	Cabbage Aphid Cabbage Webworm Diamondback Moth Green Peach Aphid Silverleaf Whitefly Southern Cabbageworm Sweetpotato Whitefly	10-2/3 - 16 (0.2 - 0.3 lb ai/A)  +  11 - 21 Orthene 75 S <sup>(1)</sup> (0.5 - 1.0 lb ai/A)  or  8 - 16 Orthene 97 <sup>(1)</sup> (0.5 - 1.0 lb ai/A)	Applications should be based on insect populations reaching economic thresholds as determined by the local county or State Extension Service. Control of young larvae (early instars) is generally more effective than older larvae.  <i>Danitol</i> 2.4 EC may be mixed with and/or alternated with commonly used insecticides and miticides to comply with local IPM programs.
Do not apply within 7 days of harvest. 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 per acre per season. Do not apply <i>Danitol</i> 2.4 EC tank mixed with Orthene within 14 days of harvest of Brussels sprouts or cauliflower.			

<sup>(1)</sup>Orthene is registered only on Brussels sprouts and cauliflower.

### CUCURBITS

CROPS	PESTS	PRODUCT RATES FL OZ/A	SPECIAL INSTRUCTIONS
Cucurbits: Balsam Apple Balsam Pear Bitter Melon Chayote Chinese Cucumber Chinese Waxgourd Citron Melon Cucumber Edible Gourd Gherkin Honeydew <i>Momordica</i> spp. Muskmelon Pumpkin Summer Squash Watermelon Winter Squash	Banded Cucumber Beetle Beet Armyworm (CA and AZ only) Cabbage Looper Fall Armyworm Green Stinkbug Plant Bugs (Lygus) (except AZ) Southern Green Stinkbug Spider Mite (except CA) Striped Cucumber Beetle Yellowstriped Armyworm	10-2/3 - 16 (0.2 - 0.3 lb ai/A)	<p>Apply with air or ground equipment in adequate water for uniform coverage (3 - 10 gals/A by air or 20 - 100 gals/A by ground).</p> <p>Insect control may be improved by the addition of a non-ionic surfactant to the spray solution according to manufacturer's recommendation.</p> <p>Begin applications when first pest activity is noticed and repeat as needed to maintain control but not more often than every 7 days. Under severe pest pressure use the higher recommended rate.</p>
	Aphid Silverleaf Whitefly Sweetpotato Whitefly Thrips	10-2/3 - 16 (0.2 - 0.3 lb ai/A)  +  Endosulfan	<p>Apply as a tank mix with air or ground equipment in adequate water for uniform coverage (3 - 10 gals/A by air and 20 - 100 gals/A by ground). Begin applications when first pest activity is noticed and repeat as needed to maintain control but not more often than every 7 days. Under severe pest pressure use the higher recommended rate.</p> <p>Comply with all applicable directions, restrictions and precautions on the EPA registered label for Endosulfan.</p> <p>When <i>Danitol</i> 2.4 EC is applied in combination with an organophosphate insecticide, improved performance is achieved. In addition to enhanced performance, these combinations can control a broader spectrum of insects and can delay the development of insecticide resistance.</p>
<p>Do not apply <i>Danitol</i> 2.4 EC within 7 days of harvest.            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 per acre per season.</p>			

## PEANUT

CROP	PESTS	PRODUCT RATES FL OZ/A	SPECIAL INSTRUCTIONS
Peanut	Corn Earworm Fall Armyworm Twospotted Spider Mite	10-2/3 - 16 (0.2 - 0.3 lb ai/A)	Apply foliar with air or ground equipment in a seasonal program in adequate water for uniform coverage (5 - 10 gals./A by air or 10 - 50 gals/A by ground).
	Potato Leafhopper	6 - 10-2/3 (0.1 - 0.2 lb ai/A)	<p><b>Higher water volumes provide improved insect control.</b></p> <p>Insect control may be improved by the addition of a non-ionic surfactant to the spray solution according to manufacturer's recommendation.</p> <p><b>Twospotted Spider Mite:</b> Apply foliar with ground equipment only.</p> <p>Begin applications when first pest activity is noticed and repeat as needed to maintain control but not more often than every 7 days. Under severe pest pressure use the higher recommended rate.</p> <p><i>Danitol 2.4 EC</i> may be mixed with and/or alternated with commonly used insecticides and miticides to comply with local IPM programs.</p>
	Silverleaf Whitefly Sweetpotato Whitefly Thrips	10-2/3 - 16 (0.2 - 0.3 lb ai/A)  +  11 oz Orthene 75 S (0.5 lb ai/A)  or  8 oz Orthene 97 (0.5 lb ai/A)	<p>For control of Silverleaf Whitefly, Sweetpotato Whitefly and Thrips, tank mix <i>Danitol 2.4 EC</i> with Orthene 75 S or Orthene 97 at the indicated rates.</p> <p>In tank mix, comply with all applicable instructions, restrictions and precautions on the EPA registered labels for both <i>Danitol 2.4 EC</i> and Orthene 75 S or Orthene 97.</p>
<p>Do not apply within 14 days of digging.            Do not exceed 2 2/3 pts (42-2/3 fl oz, 0.8 lb ai) total application of <i>Danitol 2.4 EC</i> per acre per season.            Do not graze or feed treated peanut vine forage or dried hay within 14 days of the last application.            Do not tank mix with any copper containing products.            Not for use on peanuts in CA or NY.</p>			

### POME FRUIT

CROP	PESTS	PRODUCT RATES FL OZ/A	SPECIAL INSTRUCTIONS
Pome Fruit: Apple Crabapple Loquat Mayhaw Quince	Potato Leafhopper Rosy Apple Aphid Spotted Tentiform Leafminer Tarnished Plant Bug White Apple Leafhopper	10-2/3 – 21-1/3 (0.2 - 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 Japanese Beetle Lesser Appleworm Lygus Bugs Obliquebanded Leafroller Oriental Fruitmoth Pandemis Leafroller Periodical Cicada Plum Curculio Redbanded Leafroller Spirea Aphid Stinkbugs Tufted Apple Budmoth Twospotted Spider Mite Variegated Leafroller	16 – 21-1/3 (0.3 - 0.4lb. ai/A)	<p><b>Resistance Management:</b> It is generally recommended that no more than 2 <i>Danitol</i> 2.4 EC 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 <i>prebloom spray timings</i> 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>

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POME FRUIT (continued)

CROP	PESTS	PRODUCT RATES FL OZ/A	SPECIAL INSTRUCTIONS
Pome Fruit: Pear Oriental Pear	Codling Moth Pear Psylla Periodical Cicada Plant Bug (Lygus) Stinkbug	16 - 21-1/3 (0.3 - 0.4 lb ai/A)	<p><b>Pear Psylla (Overwintering Adults):</b> Apply in 75 - 400 gals/A by ground with airblast equipment in the dormant/delayed dormant period. Apply with a petroleum spray oil as recommended on the spray oil label.</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><b>Resistance Management:</b>            It is generally recommended that no more than 2 <i>Danitol</i> 2.4 EC applications be made per season as part of Resistance Management Program. Use non-pyrethroid products at other timings to control pests.</p> <p><i>Danitol</i> 2.4 EC may be mixed with and/or alternated with commonly used insecticides and miticides to comply with local IPM and resistance management programs.</p>
<p>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 <i>Danitol</i> 2.4 EC 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.</p>			

## STRAWBERRY

CROP	PESTS	PRODUCT RATES FL OZ/A	SPECIAL INSTRUCTIONS
Strawberry	Lygus Spittle Bug Tarnished Plant Bug	10-2/3 (0.2 lb ai/A)	Apply with ground equipment in adequate water for uniform coverage (100 - 300 gals/A). Insect control may be improved by the addition of a non-ionic surfactant to the spray solution according to manufacturer's recommendation.  Alternate with other insecticides if retreatment is needed in less than 30 days to comply with local IPM programs.
	Fall Armyworm Strawberry Sap Beetle Twospotted Spider Mite Yellowstriped Armyworm Strawberry Bud Weevil (Strawberry Clipper)	16 - 21-1/3 (0.3 - 0.4 lb ai/A)	Apply with ground equipment in adequate water for uniform coverage (100 - 300 gals/A).  <b>Mites:</b> Apply as mites appear but before mite counts exceed 20/leaflet (eggs + motiles), repeat application no sooner than 30 days if warranted. Note: Best results are achieved when mite populations are low (treatment is recommended when mite populations are just beginning to build).  <b>Strawberry Bud Weevil:</b> Application timing is critical. Apply when blossom buds first become visible in the crown and the temperature approaches 65°F.  Alternate with other non-pyrethroid miticides if retreatment is needed in less than 30 days to comply with local IPM programs.
	Greenhouse Whitefly Iris Whitefly Silverleaf Whitefly Strawberry Whitefly Sweetpotato Whitefly	10-2/3 - 21-1/3 (0.2 - 0.4 lb ai/A) + 0.5 - 1.0 lb/A Lannate® SP  or  1 - 2 pt/A Lorsban® 4E  or  1 - 2 pt/A Malathion 8 EC	Apply with ground equipment in adequate water for uniform coverage (100 - 300 gal/A).  Alternate with other insecticides if retreatment is needed in less than 30 days to comply with local IPM programs.  Best results are achieved when whitefly populations are low. Begin applications when scouting first indicated adult whiteflies have been observed on strawberry plants.  Apply as a tank mix by ground for uniform coverage when scouting indicates whitefly are present. A second application may be made with a retreatment interval no less than 30 days.  Comply with all applicable directions, restrictions and precautions on the EPA registered label for Lannate SP, Lorsban 4 E or Malathion 8 EC.
<p>Do not apply within 2 days of harvest. Do not exceed more than 2 applications totaling 2-2/3 pts (42-2/3 fl oz, 0.8 lb ai) of <i>Danitol</i> 2.4 EC per acre to the same planting in 12 consecutive months.</p>			

## BUSHBERRIES

CROPS	PESTS	PRODUCT RATES FL OZ/A	SPECIAL INSTRUCTIONS
Bushberries: Blueberry Highbush Lowbush Elderberry Gooseberry Huckleberry Juneberry Lingonberry Rabbiteye Salal	Blueberry Maggot Cherry Fruitworm Cranberry Fruitworm Japanese Beetle Obliquebanded Leafroller Plum Curculio	10-2/3 - 16 (0.2 - 0.3 lb ai/A)	Apply with air or ground equipment in adequate water for uniform coverage (3 - 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.  <b>Resistance Management:</b> Do not make more than 2 <i>Danitol</i> 2.4 EC applications per season as part of a Resistance Management Program. Use non-pyrethroid products at other timings to control pests
Do not apply within 3 days of harvest. Do not exceed 2 pts (32 fl oz, 0.6 lb ai) total application of <i>Danitol</i> 2.4 EC per acre per season.			
Currant	Currant Borer	10-2/3 - 16 (0.2 - 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 3 <i>Danitol</i> 2.4 EC applications per season as part of a Resistance Management Program. Use non-pyrethroid products at other timings to control pests.
Do not apply within 21 days of harvest. 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 per acre per season.			



## FRUITING VEGETABLES

CROPS	PESTS	PRODUCT RATE FL OZ/A	SPECIAL INSTRUCTIONS
Fruiting Vegetables: Bell Pepper Chili Pepper Cooking Pepper Eggplant Ground Cherry ( <i>Physalis</i> spp.) Pepino Pimento Sweet Pepper Tomatillo Tomato	Fruitworm Stinkbug Tobacco Hornworm Twospotted Spider Mite (except CA) Yellowstriped Armyworm	10-2/3 (0.2 lb ai/A)	<p>Apply with ground or air equipment in adequate water for uniform coverage (25 - 120 gals/A by ground or 5 - 10 gals/A by air). Begin applications when first pest activity is noticed and repeat as needed to maintain control but not more often than every 7 days.</p> <p><b>Mites:</b> Treatment is recommended when mite populations are just beginning to build (less than 5 motiles/leaf).</p> <p>DO NOT tank mix with any copper formulations.</p> <p><i>Danitol</i> 2.4 EC may be mixed with and/or alternated with commonly used insecticides and miticides to comply with local IPM programs.</p> <p><i>Danitol</i> 2.4 EC may be mixed with and/or alternated with commonly used insecticides and miticides to comply with local IPM programs.</p>
Do not apply within 3 days of harvest 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 per acre per season.			
Tomato	Aphid Silverleaf Whitefly Sweetpotato Whitefly Thrips	7 - 10-2/3 (0.15 - 0.2 lb. ai/A)  +  24 - 32 Monitor 4 (0.75 - 1.0 lb ai/A)	<p><b>EARLY SEASON WHITEFLY CONTROL PROGRAM FOR REDUCTION OF GEMINIVIRUS:</b>            Apply as a tank mix with ground or air equipment in adequate water for uniform coverage (25 - 120 gals/A by ground or 5 - 10 gals/A by air). Begin applications when scouting first indicates adult whiteflies are on young plants.</p> <p><b>NOTE:</b> This may result in treatment immediately following transplanting.</p> <p><b>MID TO LATE SEASON WHITEFLY CONTROL PROGRAM FOR PREVENTION OF IRREGULAR FRUIT RIPENING:</b>            Apply as a tank mix with ground or air equipment in adequate water for uniform coverage (25 - 120 gals/A by ground or a minimum of 5 gals/A by air). Begin applications when scouting indicates whiteflies are present and repeat as needed (approximately 10 - 14 day intervals) to maintain control but not more often than every 7 days.</p> <p>Comply with all applicable directions, restrictions, preharvest intervals and precautions on Sec. 24 (c) labels (SLN) of Monitor 4.</p>

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FRUITING VEGETABLES (continued)

CROP	PESTS	PRODUCT RATE FL OZ/A	SPECIAL INSTRUCTIONS
Tomato (continued)	Aphid Beet Armyworm Cabbage Looper Fruitworm Stinkbug Thrips Tomato Pinworm Yellowstriped Armyworm Whitefly	10-2/3 (0.2 lb ai/A)  +  24 - 32 Monitor 4 (0.75 - 1.0 lb ai/A)	Apply as a tank mix with ground or air equipment in adequate water for uniform coverage (25 - 120 gals/A by ground or 5 - 10 gals/A by air). Begin applications when first pest activity is noticed and repeat as needed to maintain control but not more often than every 7 days.  Comply with all applicable directions, restrictions, preharvest intervals and precautions on Sec. 24 (c) labels (SLN) of Monitor 4.
	Aphid Banded Wing Whitefly Beet Armyworm Fruitworm Greenhouse Whitefly (immatures & adults) Thrips Silverleaf Whitefly Sweetpotato Whitefly Tomato Pinworm Yellowstriped Armyworm	10-2/3 (0.2 lb ai/A)  +  6 - 8 Knack 0.86 EC (18 - 25 gms ai/A)  +  24 Monitor 4 (0.75 lb ai/A)	THREE WAY TANK MIX  EARLY SEASON WHITEFLY CONTROL PROGRAM FOR REDUCTION OF GEMINIVIRUS: Apply as a tank mix with ground equipment for uniform coverage (10 - 120 gals/A). Make application when scouting first indicates adult whiteflies are on young plants.  <b>NOTE:</b> This may result in treatment immediately following transplanting.  MID TO LATE SEASON WHITEFLY CONTROL PROGRAM FOR PREVENTION OF IRREGULAR FRUIT RIPENING: Apply as a tank mix with ground equipment for uniform coverage (20 - 120 gals/A by ground). Make application when scouting indicates whiteflies are present.  Make no more than 2 Knack 0.86 EC applications per season with no less than 14 days between applications.  Comply with all applicable directions, restrictions and precautions on the registered labels for Monitor 4 and Knack 0.86 EC.
<p>Do not apply within 3 days of harvest. Do not apply the <i>Danitol</i> 2.4 EC + Monitor 4 tank mix within 7 days of harvest. Do not apply the <i>Danitol</i> 2.4 EC + Knack 0.86 EC + Monitor 4 tank mix within 14 days of harvest. 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 per acre per season.</p>			

## PEA (Succulent)

CROPS	PESTS	PRODUCT RATE FL OZ/A	SPECIAL INSTRUCTIONS
Pea (Succulent including): English Pea Garden Pea Green Pea Pigeon Pea	Thrips Whitefly Stinkbug Climbing Cutworm Looper Twospotted spiderMite	$10 \frac{2}{3}$ (0.2 lb ai/A)	Apply with air or ground equipment in adequate water for uniform coverage. Begin as a ground application in a minimum of 10 gals. of water per acre or as an aerial application in a minimum of 3 gals. of water per acre.  Begin applications when first pest activity is noticed and repeat as needed to maintain control but not more often than every 7 days.
Do not apply within 7 days of harvest. Do not exceed $2 \frac{2}{3}$ pts. of <i>Danitol</i> 2.4 EC (42 $\frac{2}{3}$ fl. oz., 0.8 lb. ai) per acre per season.			

## STORAGE AND DISPOSAL

### PROHIBITIONS

Do not contaminate water, food or feed by storage or cleaning of equipment.  
Open dumping is prohibited.

### PESTICIDE STORAGE

Keep pesticide in original container.  
Keep container closed when not in use.  
Do not put concentrate or dilute into food or drink containers. Not for use or storage in or around the home.  
Do not store or transport near food or feed  
Store in a cool, dry place, out of direct sunlight.  
Protect from heat.  
Do not store at temperatures below 30°F.  
For help with any spill, leak, fire or exposure involving this material, call day or night 1-800-892-0099.

### PESTICIDE DISPOSAL

Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

### CONTAINER DISPOSAL

Triple rinse (or equivalent). Do not reuse container. Offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

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