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Mr. Mark Herbst  
Registration Assistant  
VALENT U.S.A.  
1333 North California Blvd., Suite 600  
Post Office Box 8025  
Walnut Creek, California 94596-8025

-7 JUL 1993

Dear Mr. Herbst:

Subject: Fenpropathrin Revised Labeling  
DANITOL 2.4 EC Spray  
EPA Registration Number 59639-35  
Your Application Dated June 3, 1993

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act as amended is accepted. A stamped copy of the labeling is enclosed for your record.

Please note that this acceptance of your label does not relieve you of your obligation to comply with the Worker Protection Standard (WPS). Under the WPS labeling regulations 40 CFR 156, subpart K, § 156.200(c)(3), you are prohibited from distributing or selling any product within the scope of the WPS after April 21, 1994, without amended labeling accepted by the Agency.

Sincerely yours,

George T. LaRocca  
Product Manager (13)  
Insecticide-Rodenticide Branch  
Registration Division (H7505C)

Enclosure:

CONCURRENCES							
SYMBOL							
SURNAME	ALT						
DATE	7-7-93						

VALENT®

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**RESTRICTED USE PESTICIDE**

Toxic 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



**DANITOL**™

7 JUL 1993

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

59439-35

2.4 EC Spray  
(INSECTICIDE - MITICIDE)

**Active Ingredient**

**By Wt.**

*Fenprothrin .....	30.9%
Inert Ingredients .....	69.1%

\*(alpha-Cyano-3-phenoxybenzyl  
2,2,3,3-tetramethylcyclopropanecarboxylate)

Contains 2.4 pounds fenprothrin per gallon.

This product contains Xylene Range Aromatic Solvent.

**KEEP OUT OF REACH OF CHILDREN**

**DANGER - PELIGRO**

SEE INSIDE PANEL FOR STATEMENT OF PRACTICAL TREATMENT AND  
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 some one to explain it to you in detail.)

# PRECAUTIONARY STATEMENTS

## HAZARDS TO HUMANS & DOMESTIC ANIMALS

### DANGER:

Corrosive, causes potentially irreversible eye damage. Do not get in eyes, on skin, or clothing. Contact with skin can result in a temporary burning, tingling, or itching sensation. Wear goggles or a face shield and rubber gloves when handling. May be fatal if swallowed. Harmful if inhaled or absorbed through skin. Avoid breathing spray mist. Wash thoroughly with plenty of soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing and wash before reuse.

Applicators and other handlers must wear: long-sleeved shirt and long pants, socks, shoes, chemical-resistant (such as nitrile or butyl) gloves, and protective eye wear.

### STATEMENT OF PRACTICAL TREATMENT

- ( ) **In eyes:** Immediately hold eyelids open and flush with a steady stream of water. Call a physician immediately.
- If on skin:** Remove contaminated clothing and wash affected areas with soap and water. Get medical attention.
- If inhaled:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. Get medical attention.
- If swallowed:** Call a physician or Poison Control Center immediately. If medical advice cannot be obtained, drink promptly a large quantity of milk, egg white, or gelatin mixture, or if these are not available, a large amount of water and take person and product container to the nearest emergency treatment facility. **DO NOT INDUCE VOMITING.** Petroleum distillates in product may cause aspiration pneumonia.
- ( ) **Alert to Physicians:** Possible mucosal damage may contraindicate the use of gastric lavage. Emergency Information - call 1-800-892-0099.

### ENVIRONMENTAL HAZARDS:

This product is extremely toxic to fish and aquatic organisms and is toxic to wildlife. For terrestrial uses, do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water 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.

# STORAGE AND DISPOSAL

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### PROHIBITIONS

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

### 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 next to feed or food, or transport in or on vehicles containing foodstuffs or feeds.  
Store in a cool, dry place.  
Protect from heat.  
For help with any spill, leak, fire or exposure involving this material, call day or night 1-800-892-0099 or Chemtrec 1-800-424-9300.

### 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

## DIRECTIONS FOR USE

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

Do not apply this product through any type of irrigation system.

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

### AGRICULTURAL USE REQUIREMENTS

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, consult the agency in your State responsible for pesticide regulations.

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

For early entry to treated areas that involves contact with anything that has been treated, such as plants, soil, or water, wear: long-sleeved shirt and long pants, socks, shoes, chemical-resistant (such as nitrile or butyl) gloves, and protective eye wear.

**CROP ROTATION** - Do not plant rotational crops within 20 days of the last applications.

## DIRECTIONS FOR USE (cont.)

### MIXING INSTRUCTIONS

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

### RESISTANCE AND PEST MANAGEMENT

Crop protection chemicals should always be used in resistance pest management programs that are suitable for the crop pest complex involved. Any pest management program undertaken should coordinate alternating chemistry classes of the insecticide (DANITOL is a pyrethroid) in their spray schedules, thorough coverage of targeted crop/pest(s), use of proper chemical rates per label directions, monitoring pest populations, and other factors as conditions warrant. Consult your Cooperative Extension Service for suggestions on minimizing insect resistance for crops listed on this label.

ROP	PESTS	DOSAGE FL OZ/ACRE	SPECIAL INSTRUCTIONS
Cotton	Beet Armyworm	5 1/3 - 10 2/3	Apply with air or ground equipment in a seasonal program in adequate water for uniform coverage (5 to 10 gals./acre by air or 10 to 50 gals./acre by ground.) HIGHER WATER VOLUMES PROVIDE IMPROVED INSECT CONTROL. Begin applications when first pest activity is noticed and repeat as needed to maintain control. Under severe pressure, use the higher recommended rates.
	Pink Bollworm Sweetpotato Whitefly	10 2/3 - 16 + 9 oz. ORTHENE 90S	DANITOL 2.4 EC Spray may be mixed with and/or alternated with commonly used insecticides to comply with local IPM programs. For control of Pink Bollworm and Sweetpotato Whitefly, tank mix DANITOL with ORTHENE 90S at indicated rates. Do not apply within 21 days of harvest. Do not feed gin trash or treated forage to livestock or allow animals to graze on treated fields. Do not exceed 2 2/3 pts. per acre per season.

### SPRAY DRIFT PRECAUTIONS AND OTHER REMARKS FOR COTTON

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

Do not make aerial or ground applications during temperature inversions.

Make aerial or ground applications when the wind velocity favors on-target product deposition (approximately 3 to 10 mph).

Do not apply when wind velocity exceeds 15 mph.

For aerial applications, the spray boom should be mounted on the aircraft so as to minimize drift caused by wingtip or rotor vortices. Boom length must not exceed 75 percent of wing span or rotor diameter.

Do not apply by ground equipment within 25 feet, or air within 75 feet of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries, and commercial fish ponds.

Do not make more than 10 synthetic pyrethroid applications (of one product or combination of products) to a cotton crop in one growing season. Synthetic pyrethroid products include AMBUSH®, AMMO®, ASANA®XL, BAYTHROID®, CAPTURE®, CYMBUSH®, DANITOL®, FURY™, KARATE®, POUNCE®, and SCOUT X-TRA® insecticides.

## 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.

allowed by State and local authorities, by burning. If burned, stay out of smoke.

**IMPORTANT INFORMATION. READ BEFORE USING PRODUCT.**

### LIMITED WARRANTY:

1. Valent U.S.A. Corporation warrants that this product conforms to the chemical description on the label and is reasonably fit for use under average conditions when used strictly in accordance with the directions on the labeling. Valent does not make nor authorizes any agent or representative to make, any other warranty, guarantee or representation, express or implied, concerning this product. Specifically, NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE IS MADE.

2. Critical and unforeseeable factors beyond Valent's control prevent it from eliminating all risks in connection with the use of this product. Such risks include, but are not limited to, damage to plants and crops to which product is applied, lack of complete control over the handling and application of this product, and damage caused by drift to other plants and crops. Such risks occur even though the product is reasonably fit under average conditions for the uses stated on the labeling and even though label directions are followed. Buyer and user acknowledge and assume all risks and liability (except those assumed by Valent under 1 above) resulting from handling, storage, and use of the product.

3. Precautions stated on the labeling should be followed to avoid hazardous exposure to the product.

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AMBUSH®, CYMBUSH® and KARATE® - Reg. TM of ICI Group Companies.

AMMO®, CAPTURE®, FURY™ AND POUNCE® - Reg. TM of FMC Corporation.

ASANA®XL - Reg. TM of E.I. du Pont de Nemours & Company.

BAYTHROID® - Reg TM of Miles, Inc.

DANITOL® - Reg. TM of Sumitomo Chemical Company, LTD for fenpropathrin insecticide-miticide.

ORTHENE® - Reg. TM of Chevron Chemical Company, for acephate insecticide.

SCOUT X-TRA® - Reg. TM of Hoechst-Roussel Agri-Vet Company.



Manufactured for:

Valent U.S.A. Corporation

Walnut Creek, CA 94596-8025

Made in U.S.A

Form No. S012B 06/04/93

EPA Reg. No. 59639-35 EPA EST.No. 5935 GA-1

COPY A

CROP	PESTS	DOSAGE PER ACRE	SPECIAL INSTRUCTIONS
Cotton	Beet Armyworm	5 1/3 to 10 2/3 fl. oz. DANITOL	<p>Apply with air or ground equipment in a seasonal program in adequate water for uniform coverage (5 to 10 gals/ acre by air or 10 to 50 gals/acre by ground). HIGHER WATER VOLUMES PROVIDED IMPROVED INSECT CONTROL.</p> <p>Begin applications when first pest activity is noticed and repeat as needed to maintain control. Under severe pressure, use the higher recommended rates.</p> <p>DANITOL 2.4 EC Spray may be mixed with and/or alternated with commonly used insecticides to comply with local IPM programs. For control of all pests except Beet Armyworm, tank mix DANITOL with ORTHENE 90S or ORTHENE 75 S Soluble Powder at indicated rates.</p> <p>Stinkbugs and Cutworms: Use ORTHENE at either 12 oz./acre (ORTHENE 90S) or 16 oz./acre (ORTHENE 75S). Comply with all applicable directions, restrictions and precautions on the EPA registered label for ORTHENE 90S or ORTHENE 75S. Do not apply within 21 days of harvest. Do not feed gin trash or treated forage to livestock or allow animals to graze on treated fields. Do not exceed 2 2/3 pts. of DANITOL 2.4 EC Spray per acre per season.</p>
	Pink Bollworm  Sweetpotato Whitefly	10 2/3 - 16 fl.oz. DANITOL + 9 oz. ORTHENE® 90S or 11 oz. ORTHENE® 75S	
	Bollworm Tobacco Budworm Cabbage Looper Plant Bugs (Lygus) Thrips Fleahoppers Cotton Leaf Perforator Fall Armyworm Cutworms Stinkbugs	10 2/3 - 16 fl. oz. DANITOL + 8 - 16 oz. ORTHENE® 90S or 11 - 21 oz. ORTHENE® 75S	