



**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.

## DANITOL® 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)	

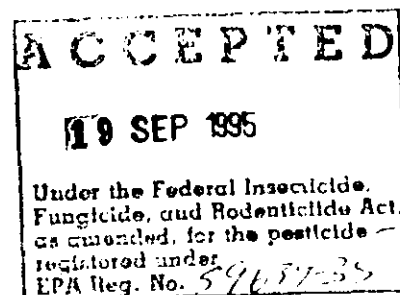
Contains 2.4 pounds fenprothrin per gallon.

This product contains Xylene Range Aromatic Solvent.

**KEEP OUT OF REACH OF CHILDREN**  
**DANGER - PELIGRO**

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 CONTENTS 1 GALLON



**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS & DOMESTIC ANIMALS**  
**DANGER**

Corrosive, causes irreversible eye damage. May be fatal if swallowed. Harmful if inhaled. Do not get in eyes, or skin, or clothing. Avoid inhaling fume or spray mist.

**STATEMENT OF PRACTICAL TREATMENT**

**If in eyes:** Call physician. Keep eye lids open and flush with a gentle steady stream of water for 15 minutes.

**If swallowed:** Call physician or Poison Control Center. Drink promptly a large quantity of milk, egg white, or gelatin mixture, or if these are not available, a large amount of water. **DO NOT INDUCE VOMITING.** Petroleum distillates in product may cause aspiration pneumonia.

**If on skin:** Wash thoroughly 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.

**Note to Physicians:** Possible mucosal damage may contraindicate the use of gastric lavage. Emergency Information - call 1-800-892-0099.

**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 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.

### **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.**

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  $\geq$  14 mils, shoes plus socks, and protective eyewear.

## **CROP ROTATION**

There are no restrictions on rotational crops.

## **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 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.

## **SPRAY DRIFT RECOMMENDATIONS AND PRECAUTIONS**

### **ALL CROPS**

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

- Do not apply by ground within 25 feet, or by air within 150 feet of lakes; reservoirs; rivers; permanent streams, marshes, or natural ponds; estuaries and commercial fish farm ponds. Do not apply this product as an ultralow volume (ULV) spray, or in any carrier other than water.
- 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.
- 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 boom pressure.
- Spray should be released at the lowest height consistent with good pest control and flight safety. Applications more than 10 feet above the crop should be avoided.
- 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. 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.
- Do not cultivate within 10 feet of the aquatic area so as to allow growth of a vegetative filter strip.
- 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 or ground 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.

## COTTON

CROP	PESTS	DOSAGE Fl. Oz. / Acre (Lb. Ai. / Acre)	SPECIAL INSTRUCTIONS
Cotton	Bollworm Tobacco Budworm Beet Armyworm Cotton Leafperforator Leafhopper Plant Bugs ( <i>Lygus</i> ) Saltmarsh Caterpillar	10 2/3 - 16 fl. oz. DANITOL (0.2 - 0.3)	<p>Apply with air or ground equipment in a seasonal program in adequate water for uniform coverage (2 to 10 gals./acre by air or 10 to 50 gals./acre by ground). <b>HIGHER WATER VOLUMES PROVIDE IMPROVED INSECT CONTROL.</b></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.</p>
	Pink Bollworm Sweetpotato / Silverleaf Whitefly Bollworm Tobacco Budworm Cabbage Looper Plant Bugs ( <i>Lygus</i> ) Thrips Fleahoppers Cotton Leafperforator Fall Armyworm Cutworms Stinkbugs	10 2/3 - 16 fl. oz. DANITOL (0.2 - 0.3) + 8 - 16 oz. ORTHENE® 90S or 11 - 21 oz. ORTHENE® 75S (0.5 - 1.0)	<p>For control of Pink Bollworm and Sweetpotato / Silverleaf Whitefly, tank mix DANITOL 2.4 EC Spray with ORTHENE 90S or ORTHENE 75S at indicated rates. Comply with all applicable directions, restrictions and precautions on the EPA registered labels for ORTHENE 90S or ORTHENE 75S.</p> <p><b>Stinkbugs and Cutworms:</b> Use ORTHENE 90S at 12 oz./acre or ORTHENE 75S at 16 oz./acre.</p>
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. (42 2/3 fl. oz.) total application of DANITOL per acre per season.			

### SPRAY DRIFT RECOMMENDATIONS AND OTHER PRECAUTIONS

#### 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 AMBUSH Insecticide, AMMO Insecticide, ASANA XL Insecticide, BAYTHROID Emulsifiable Pyrethroid Insecticide, CAPTURE Insecticide/Miticide, DANITOL 2.4 EC Spray Insecticide/Miticide, FURY Insecticide, KARATE Insecticide, MUSTANG Insecticide, POUNCE Insecticide and SCOUT X-TRA Insecticide.
- All aerial and ground application equipment must be properly maintained and calibrated using appropriate carriers.

# TOMATO

CROP	PESTS	DOSAGE FL. OZ./Acre (Lb. Ai/Acre)	SPECIAL INSTRUCTIONS
Tomatoes	Yellowstriped Armyworm Fruitworms	DANITOL 10 2/3 (0.2)	Apply with ground or air equipment in adequate water for uniform coverage (25 to 120 gals./acre by ground or 5 to 10 gals./acre by air). Begin applications when first pest activity is noticed and repeat as needed to maintain control but not more often than every seven (7) days.  DANITOL 2.4 EC Spray may be mixed with and/or alternated with commonly used insecticides and miticides to comply with local IPM programs.
	Sweetpotato Whitefly	DANITOL 10 2/3 (0.2) + MONITOR 4 24 - 32 (0.75 - 1.0)	<b>EARLY SEASON WHITEFLY CONTROL PROGRAM FOR REDUCTION OF GEMINIVIRUS:</b> Apply as a tank mix with ground or air equipment for uniform coverage (25 to 120 gals./acre by ground or 5 to 10 gals./acre by air). Begin applications when scouting first indicates adult whiteflies are on young plants. <b>NOTE:</b> This may result in treatment immediately following transplanting.  <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 for uniform coverage (25 to 120 gals./acre by ground or 5 to 10 gals./acre by air). Begin applications when scouting indicates whitefly are present and repeat as needed (approximately 10 to 14 day intervals) to maintain control but not more often than every seven (7) days.  Comply with all applicable directions, restrictions and precautions on the EPA registered label for Monitor 4 Spray.
	Thrips Yellowstriped Armyworm Potato Aphid Fruitworms Tomato Pinworm	DANITOL 10 2/3 (0.2) + MONITOR 4 24 - 32 (0.75 - 1.0)	Apply as a tank mix with ground or air equipment for uniform coverage (25 to 120 gals./acre by ground or 5 to 10 gals./acre by air). Begin applications when first pest activity is noticed and repeat as needed to maintain control but not more often than every seven (7) days.  Comply with all applicable directions, restrictions and precautions on the EPA registered label for Monitor 4 Spray.
	Do not harvest tomatoes within three (3) days of last DANITOL 2.4 EC Spray application. Do not apply the DANITOL 2.4 EC Spray + MONITOR 4 tank mix within seven (7) 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 per acre per season.		

## STRAWBERRY

CROP	PESTS	DOSAGE FL. OZ./Acre (Lb. Ai/Acre)	SPECIAL INSTRUCTIONS
Strawberry	Lygus Spittle Bug Tarnished Plant Bug	DANITOL 10 2/3 (0.2)	Apply with ground equipment in adequate water for uniform coverage (100 to 300 gals. per acre). Apply as pests appear before mite counts exceed 20/leaflet (eggs + motiles), repeat application in 30 days if warranted.
	Twospotted Spider Mite	DANITOL 16 - 21 1/3 (0.3 - 0.4)	Best results are achieved when mite populations are low. Treatment is recommended when mite populations are just beginning to build.  Alternate with other insecticides or miticides if retreatment is needed in less than 30 days to comply with local IPM programs.
	Do not apply within two (2) days of harvest. Do not exceed more than 2 applications totaling 2 2/3 pts. of DANITOL 2.4 EC Spray (42 2/3 fl. oz., 0.8 lb ai) per acre to the same planting in 12 consecutive months.		

### STORAGE AND DISPOSAL 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, 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.

### 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.



**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® and KARATE® - Reg. TM of Zeneca, Inc.

AMMO®, CAPTURE®, FURY™, MUSTANG™ 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 Monsanto 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

Form R4100C0.0950908 Made in U.S.A

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