

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS CAUTION

Harmful if swallowed. May cause eye irritation. Avoid contact with eyes, skin and clothing. Avoid breathing dust or spray mist. If swallowed, give a large amount of water to drink, make person vomit and call a doctor. In case of eye contact, wash eyes with fresh water for 15 minutes. If irritation continues, see a doctor. Wash hands thoroughly after handling. Note to Physicians: Emergency information: call (415) 233-3737. ORTHENE is a cholinesterase inhibitor. If signs of cholinesterase inhibition appear, atropine is antidotal. 2 PAM may also be used in conjunction with atropine but should not be used alone.

ENVIRONMENTAL HAZARDS

Do not contaminate water by cleaning of equipment or disposal of wastes. Avoid direct application to lakes, ponds and streams. This product is highly toxic to bees exposed to direct treatment or residues on crops. Protective information may be obtained from your Cooperative Agricultural Extension Service.

DIRECTIONS FOR USE

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

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

STORAGE AND DISPOSAL

PROHIBITIONS

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

STORAGE

Keep pesticide in original container. Do not put concentrate or dilute into food or drink containers. Store in cool dry place. Protect from excessive heat. Do not contaminate food or foodstuffs. Do not store or transport near feed or food.

PESTICIDE DISPOSAL

Pesticide spray mixture or residue that cannot be used, or chemically reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies.

CONTAINER DISPOSAL

Dispose of in an incinerator or landfill approved for pesticide containers or bury in a safe place.

GENERAL

Consult federal, state or local disposal authorities for approved alternative procedures such as limited open burning.

DIRECTIONS

Table of Equivalents

Amount of ORTHENE 75 S	1 1/4 lbs	1 lb	3/4 lb	4 oz	2 oz
Amount Active Contained	1 lb	3/4 lb	1/2 lb	1/4 lb	1/8 lb

BEANS AND LIMA BEANS (Dry and Succulent Form): Fleahoppers, Greenhoppers - Apply 1/2 to 1/4 lb per acre. Aphids, Bean Leaf Beetle, Bean Leafhopper, Cabbage Looper, Cutworms, Green Cloverworm, Leafhoppers, Mexican Bean Beetle, Planthopper (lygids), Soybean Looper, Thrips, Whitefly - Apply 1/2 to 1/4 lb per acre. Armyworms, Corn Earworm, European Corn Borer - Apply 1 to 1 1/2 lb per acre. Use higher rates under severe insect infestation conditions. Apply at 20 to

100 gals. of water per acre with ground sprayers or at a minimum of 2 gals. by air. Apply at 7 to 10 day intervals or as needed. Begin applications when eggs or insects first appear. Do not apply to snapbeans or dry beans within 14 days of harvest. Lima beans harvested in succulent form may be treated up to the day of harvest. Do not feed treated areas.

CELERY: Green Peach Aphid - Apply 1/2 to 1/4 lb per acre. Beet and Fall Armyworms and Cabbage Looper - Apply 1 1/2 lbs per acre. Apply in 50 to 100 gals. water per acre with ground sprayers. Begin applications when eggs or insects appear and repeat at 3 to 10 day intervals as needed to maintain control. Do not apply within 1 day of harvest. Plants should be trimmed (tops removed) before shipping or use. Tops should not be used for feed or feed.

COTTON: Armyworms and Cabbage Looper - Apply 1 1/2 lbs per acre. Planthopper (lygids) - Apply 1/2 to 1/4 lb per acre. Fleahopper - Apply 1/2 lb per acre. Whitefly - Apply 1/2 to 1/4 lb per acre. Thrips - Apply 2 to 4 oz per acre. Begin applications when eggs or insects appear and apply as needed to maintain control. Bollworm and tobacco budworm (Florida, Alabama, Georgia, Arkansas, Louisiana, Mississippi and Texas Only) - Apply 1/2 lb per acre in early season under light infestations. Increase the rate to 1 to 1 1/2 lbs in mid and late season as infestations become moderate to severe (California and Arizona Only) - Apply 1 1/2 lbs per acre. Begin applications when bollworm and tobacco budworm eggs appear in the field and maintain a 3 to 7 day spray schedule. Apply in 10 to 25 gals. water with ground equipment or in 3 to 10 gals. with aerial equipment in Southern States and in 5 to 10 gals. water with aerial equipment in California and Arizona. Do not apply within 21 days of harvest. Do not feed on treated to live stock or allow animals to graze on treated areas.

HEAD LETTUCE (Crisphead Type Only) - Green Peach Aphid - Apply 1/2 to 1/4 lb per acre. Cabbage Looper and Armyworms - Apply 1 1/2 lbs per acre. Apply in 10 to 60 gals. of spray mix by ground as broadcast application or in 5 to 10 gals. of spray mix by air. Apply as necessary to maintain desired control. Do not apply more than 6 1/4 lbs. per acre per season. Do not feed trimmings to livestock or allow animals to graze on treated areas. For spring, summer and early fall crops in all areas and winter crops in Florida and Texas do not apply within 21 days of harvest. For late fall crops in Arizona and winter crops in Arizona and California do not apply within 21 days of harvest except that for crops which germinate from mid September through November in desert areas do not apply after first head begins to form.

PEPPERBERRY, SPINACH, (Except California Alfalfa Leaver, Cutworms, Aphids) - Apply 1 1/2 lbs. per acre in 20 to 100 gals. of spray mix by ground or in 5 to 10 gals. of spray mix by air. Begin applications when eggs or insects first appear. Make one repeat application if necessary to maintain control. Do not apply more than twice per season. Do not apply within 14 days of harvest.
SOYBEANS: Greenhoppers - Apply 1/2 to 1/4 lb per acre. Soybean Looper, Cabbage Looper, Green Cutworm, Velvetbean Caterpillar, Bean Leaf Beetle, Mexican Bean Beetle - Apply 1/2 to 1/4 lb per acre. Shieldbug, Armyworms, Threecornered Alfalfa Mopper, Corn Earworm - Apply 1 to 1 1/2 lbs. per acre. Apply in 10 to 50 gals. of water with ground equipment or in 2 to 10 gals. with aerial equipment. Apply as needed but do not apply within 14 days of harvest. Do not graze or cut vines for hay or forage.

SWEET PEPPERS (Bell Type): Green Peach Aphid - Apply 1/2 lb. per acre. European Corn Borer - Apply 1 to 1 1/2 lbs per acre. Apply in 25 to 150 gals. water with ground sprayers. Begin applications when eggs or insects appear. Maintain a 7 to 10 day spray schedule until insects have been reduced below economic numbers. Do not apply within 7 days of harvest.

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

NOTE: This product is sold by weight and package is full when packed, but due to fluffy nature the material is inclined to settle.

CONDITIONS OF SALE: 1. Chevron Chemical Company (Chevron) warrants that this material conforms to the chemical description on the label and is reasonably fit for use as directed hereon. Chevron neither makes, nor authorizes any agent or representative to make, any other warranty of FITNESS or of MERCHANTABILITY, guarantee or representation, express or implied, concerning this material.

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

Chevron Chemical Company
Ortho Agricultural Chemical Division
San Francisco CA 94119 Richmond CA 94604
R Form 9155-1 Product 5337 Made in U.S.A.
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