

# ORTHENE® Tobacco Insect Spray



### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS & DOMESTIC ANIMALS

#### CAUTION

Harmful if swallowed. Causes eye irritation. Avoid contact with eyes, skin and clothing. Avoid breathing dust or spray mist. Wash hands thoroughly after handling.

**STATEMENT OF PRACTICAL TREATMENT:** If swallowed drink 1 or 2 glasses of water (or milk) and induce vomiting by touching the back of the throat with finger. If possible contact a physician, Poison Control Center, or emergency center before inducing vomiting. Do not induce vomiting or give anything by mouth to an unconscious person. Take person and product container to the nearest emergency treatment center. In case of eye contact, wash eyes with fresh water for 15 minutes. If irritation continues, see a doctor. For skin contact, wash skin with plenty of soap and water. If inhaled, remove person from exposure area. Refer to Physicians: Emergency Information - call (415) 233-3737. Acophate 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.

**WORKER SAFETY: USE ONLY WHEN WEARING THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT DURING MIXING/LOADING, REPAIR AND CLEANING OF APPLICATION EQUIPMENT, AND DISPOSAL OF THE PESTICIDE AND ITS RESIDUES:** (If a reentry interval has been established) EARLY REENTRY INTO TREATED AREAS: Chemical-resistant gloves, long sleeved shirt, long legged pants, shoes and socks. If eye head exposure is likely, such as during fogging, wear a hood or wide brimmed hat. **WEAR SAFETY:** Always wash hands, face and arms with soap and water before smoking, eating, drinking or talking. **AFTER WORK:** Before removing gloves, wash them with soap and water. Take off all work clothes and shoes. Shower using soap and water. Wear only clean clothes when leaving job. Do not wear contaminated clothing. Personal and protective clothing worn during work must be laundered separately from household articles. Store protective clothing after each use.

**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to birds. Do not apply directly to water or wetlands. Cover or seal-incorporate spills. 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.

### 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 with applicable state and pesticide regulations.

#### REENTRY STATEMENT

Keep all unprotected persons out of spraying areas or vicinity where there may be drift. Do not enter treated areas without protective clothing until sprays have dried. Certain states may require more restrictive reentry intervals. Consult your State Department of Agriculture for further information. Written or oral warnings regarding use of protective clothing and accidental exposure must be given to workers who are expected to be in treated areas or in areas about to be treated.

### STORAGE AND DISPOSAL

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

**STORAGE:** Keep pesticide in original container. Do not put concentrate or dilute into food or drink containers. Store in a cool, dry place. Protect from excessive heat. Do not store or transport near food or feed. For help with any spill, leak, fire or exposure involving this material, call day or night (415) 233-3737.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Completely empty container into application equipment. Do not reuse container. Dispose of empty container in a sanitary landfill or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

### DIRECTIONS

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

#### TRANSPLANT WATER APPLICATION

CROP	PEST	LBS. ORTHENE TOBACCO INSECT SPRAY PER ACRE
Tobacco	Flea Beetle, Green Peach Aphid, Tobacco Aphid, Cutworm	1

For control of early season flea beetles, green peach aphids, tobacco aphids and cutworms for approximately 3-4 weeks after transplanting. For later season control of these insects, apply a later spray of ORTHENE Tobacco Insect Spray.

Apply in a minimum of 100 gallons of transplant water per acre. DO NOT APPLY MORE THAN 1 LB. ORTHENE TOBACCO INSECT SPRAY PER ACRE AS A TRANSPLANT WATER APPLICATION AS SOME PHYTOTOXICITY MAY OCCUR.

#### FOLIAR APPLICATION

CROP	PEST	LBS. ORTHENE TOBACCO INSECT SPRAY PER ACRE
Tobacco (Flue-Cured, Air-Cured, Dark Fire-Cured)	Grasshoppers, Green Peach Aphid, Flea Beetle, Hornworm, Tobacco Aphid, Budworm, Cabbage Looper, Cutworm	1/2 to 1/3 1/2 1/2 to 1 1

Apply in 10 to 50 gals. water per acre with ground equipment or a minimum of 3 gals. per acre by air. Apply on a 7 day schedule or as needed. Do not apply within 3 days of harvest. Do not re-enter sprayed areas until the spray deposit has dried.

#### PLANT BED APPLICATION

CROP	PEST	LBS. ORTHENE TOBACCO INSECT SPRAY PER ACRE
Tobacco Bed Treatment	Flea Beetle, Green Peach Aphid, Tobacco Aphid, Cutworm	1

Apply foliage at the equivalent of 1 tablespoon in 1 gal. of water per every 1000 sq. ft. of bed. Apply evenly to insure thorough coverage.

#### SOIL APPLICATION

CROP	PEST	AMOUNT ORTHENE TOBACCO INSECT SPRAY
Tobacco	Imported Fire Ants	Mound Treatment - Dry Method: Evenly distribute 1 to 2 teaspoons over the mound. Broadly broadcast 1/2 to 1 oz. in 5 gals. of water. Apply 1 gal. of mix to each mound area by sprinkling the mound until it is wet and treat a four (4) foot diameter circle around the mound.

For best results apply the material in the early morning or late afternoon when the ants are

to the location of the ants deep within the nest. Treat maximum of 15 mounds per acre. Do not treat more than once per season. Do not apply within 3 days of harvest.

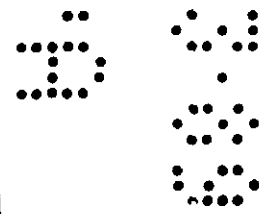
Do not apply under conditions involving possible drift to food, forage or other plantings that might be damaged or the crops thereof rendered unfit for sale, use or consumption.

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

**CONDITIONS OF SALE:** 1. Chevron Chemical Company (Chevron) warrants that the material conforms to the chemical description on the label and is reasonably fit for use as directed herein. Chevron neither makes, nor authorizes any agent or representative to make, any other warranty, 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 herein and even though 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.

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Ortho Agricultural Chemicals Division/San Ramon, CA 94583-0017  
R Form 8733 X - Product 5246 - Made in U.S.A.  
EPA Reg. No. 239-2419



**BEST AVAILABLE COPY**

**ORTHENE Tobacco Insect Spray**  
Submitted: March 27, 1989  
EPA Reg. No. 239-2419

**ACCEPTED**  
  
MAY 02 1989  
Under the Federal Insecticide, Fungicide, and  
Rodenticide Act, as amended, for the  
pesticide registered under  
EPA Reg. No. 239-2419

COPY A

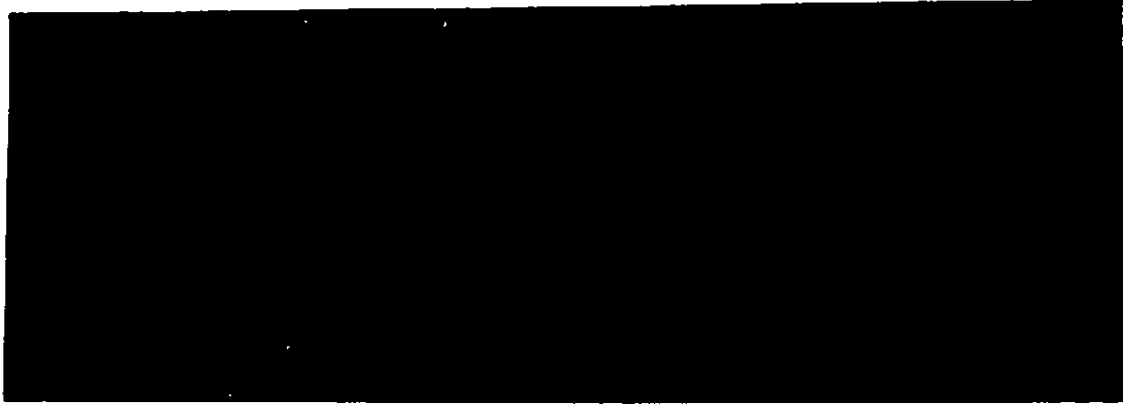
CROP	PEST	LBS. ORTHENE TOBACCO INSECT SPRAY PER ACRE
Tobacco (Flue-Cured, Air-Cured, Dark Fire Cured)	Grasshoppers	1/3 to 2/3
	Green Peach Aphid Flea Beetle Hornworm	2/3
	Tobacco Aphid	2/3 to 1
	Budworm Cabbage Looper Cutworm	1

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**UNTIL ACCEPTED BY EPA**



**ORTHO**

**ORTHENE<sup>®</sup>**

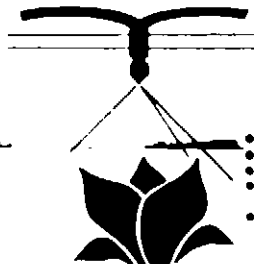
**Tobacco Insect Spray**

**(INSECTICIDE)**

TRANSPLANT WATER APPLICATION



FOLIAR APPLICATION



Active ingredient

\*Acyphate (O,O-dimethyl acetylthioacetate)

Other ingredients

\*EPA Reg. No. 101-101-0101

By Wm

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**KEEP OUT OF REACH OF CHILDREN  
CAUTION**  
SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

**NET WEIGHT 16 OUNCES (1 POUND)**