



PM 14 59639-29

# ORTHENE® 80 Seed Protectant (INSECTICIDE)

A SYSTEMIC INSECTICIDE FOR TREATMENT OF COTTON SEEDS TO HELP REDUCE INJURY TO COTTON SEEDLINGS FROM THRIPS, COTTON APHIDS, CUTWORMS, AND SEEDCORN MAGGOT.

Active ingredients: Acephate 40 S, Dimethoate, Disulfoton, Methidathion, Omethoate, Phosphamidon, Thiometon, Trifluralin, Zinphos. Inert ingredients: 50%. EPA Reg. No. 59639-29-AA

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

## NET WEIGHT 50 POUNDS

Manufactured for  
Valent U.S.A. Corporation © 1991  
Walnut Creek CA 94596-8025  
Made in U.S.A.  
Form 115-G EPA Est. 239-CA-1  
EPA Reg. No. 59639-29-AA

## DOES NOT CONTAIN DYE

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.

Note to Physicians: Emergency Information - call 1-800-457-2022. Acephate 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 MIXING, LOADING AND APPLICATION EQUIPMENT, AND DISPOSAL OF THE PESTICIDE: chemical resistant gloves, long sleeved shirt, long legged pants, shoes and socks. **WORK SAFETY:** Always wash hands face and arms with soap and water before smoking, eating, drinking or toileting. **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 separately from personal clothing. Clean or launder protective clothing after each use.

#### ENVIRONMENTAL HAZARDS

This pesticide is toxic to birds. Do not contaminate water by cleaning of equipment or disposal of wastes. Dispose of excess treated seeds or wastes by burial away from water supplies. Do not allow treated seed to be exposed on soil surfaces. Cover or incorporate spms.

#### 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

### USE PRECAUTION

When using formulations that do not contain dye, to comply with 21 CFR Chapter 1, Section 2.5, all seed treated with a pesticide must be colored to distinguish and prevent subsequent inadvertent use as a food for man or feed for animals.

ORTHENE 80 Seed Protectant is a water soluble systemic insecticide which helps to reduce injury to cotton seedlings by several insects.

#### Thrips and Cotton Aphids

ORTHENE 80 Seed Protectant gives effective reduction of these pests up to three weeks after planting.

#### Black (Greasy) Cutworm

ORTHENE 80 Seed Protectant gives effective reduction of Black (Greasy) Cutworm damage from planting through the 3 to 4 leaf stage of development. When planting seed into fields where large cutworms are present (5th instar and larger) economic damage may occur.

#### Seedcorn Maggot

ORTHENE 80 Seed Protectant effectively reduces loss due to Seedcorn Maggot on germinating and emerging cotton seedlings.

#### DIRECTIONS

COTTONSEED: Thrips, Cotton Aphids, Black (Greasy) Cutworm, Seedcorn Maggot - Use 8 oz. per 100 lbs. seed. Can be mixed in the slurry tank with most of the fungicide seed treaters in common use. ORTHENE 80 Seed Protectant can also be applied as a separate treatment using enough water to give adequate coverage of the seed. ORTHENE 80 Seed Protectant dissolves quickly in water with a minimum of agitation.

Observe all cautions and limitations on labeling of all products used in mixtures.

Treated seed must not be used for or mixed with food or animal feed, or processed for oil. ORTHENE 80 Seed Protectant treated seeds sold or shipped as feed or foodstuffs may be considered adulterated under state and federal laws. Seed commercially treated with ORTHENE 80 Seed Protectant should be labeled as follows: "TREATED SEED. DO NOT USE FOR FOOD, FEED OR OIL."

### 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 cool, dry place. Protect from excessive heat.

Do not store or transport near feed or food.

For help with any spill, leak, fire or exposure involving this material, call day or night 1-800-457-2022.

#### 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

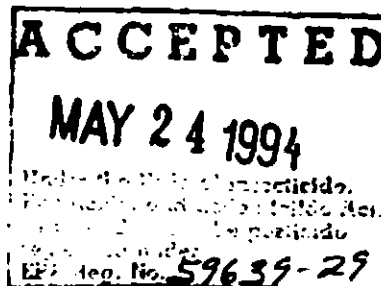
Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Do not reuse container. Dispose of liner in a sanitary landfill or by incineration if allowed by State and local authorities. If drum is contaminated and cannot be reused, dispose of in the same manner.

#### IMPORTANT INFORMATION - READ BEFORE USING PRODUCT.

**LIMITED WARRANTY:** 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 authorize 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 or 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.



**BEST AVAILABLE COPY**

## **ORTHENE 80 Seed Protectant**

### **COPY A**

Delete, "Seedcorn Maggot"

### **COPY B**

Delete, "ORTHENE 80 Seed Protectant effectively reduces feeding by Seedcorn Maggot on germinating and emerging cotton seedings".