

ACCEPTED

OCT 16 1980

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under
EPA Reg. No. 239-2434

Chevron



ORTHO[®]

ORTHENE[®] 80

Seed Protectant

DOES NOT CONTAIN DYE

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. May be irritating to the eyes. Avoid eye or skin contact with the powder or slurry in case of eye or skin contact. Flush with plenty of clear water. If irritation persists, see a physician.

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. Do not use treated seed for human consumption or animal food.

ENVIRONMENTAL HAZARDS

Keep out of lakes, streams and ponds. Dispose of excess treated seeds or wastes by burial away from water supplies. Do not allow treated seed to be exposed on soil surfaces.

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 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.

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

Active Ingredient

*Acephate (O, S Dimethyl acetylphosphor-
amidothioate)

Inert Ingredients

*US Pat. No. 3,716,600

By Wt

80%

20%

KEEP OUT OF REACH OF CHILDREN
CAUTION

SEE SIDE PANEL FOR ADDITIONAL
PRECAUTIONARY STATEMENTS.

NET WEIGHT 20 POUNDS

145

USE PRECAUTIONS

When using formula, see Section 2.5 and prevent substitution.

ORTHENE 80 Seed Protectant to reduce injury to

Thrips and Cotton ORTHENE 80 Seed Protectant to about the

Black (Greasy) Cutworm damage from planting seed into economic damage

Seedcorn Maggot ORTHENE 80 Seed on germinating and

DIRECTIONS

COTTON SEED

Seedcorn Maggot - Use

most of the fungicide

Protectant, ORTHENE

Seed Protectant. Of

treatment using ORTHENE

80 Seed Protectant.

Observe all cautions.

Treated seed must not

for ORTHENE 80

stuffs may be com-

mercially treated.

Follows TREAT

CONDITIONS OF

this material conform

to for use as direct

representative to m-

ITY guarantee or re-

2. Critical and only

eliminating all risks

but are not limited

lack of complete

Such risks occur

hereon and even th-

edge and assume a

above) resulting in

Chevron Chemical

Ortho Agricultural

San Francisco, CA

Form 9044 D

EPA Reg. No. 239



ORTHO[®]

ORTHENE[®] 80

Seed Protectant

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

Active Ingredient	By Wt
*Acephate (O S-Dimethyl acetylphosphor amidothioate)	80%
Inert Ingredients	20%
*U.S. Pat. No. 3,716,609	

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

NET WEIGHT 20 POUNDS

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 seed 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 from emergence to about the 4 to 6 leaf stage.

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 feeding by Seedcorn Maggot on germinating and emerging cotton seedling.

DIRECTIONS

COTTON SEED: 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 treatments in common use, including ORTHOCIDE 75 Seed Protectant, ORTHOCIDE 4 Flowable Seed Protectant and DIFOLATAN 4 Flowable Seed Protectant. 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 use as 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 OR.**

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 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 Chemicals Division
San Francisco CA 94119 Richmond CA 94804
Form 9044 D Product 5315 Made in U.S.A.
EPA Reg. No. 239-2434-AA EPA Est. 239-440-1

146