

**DOES NOT CONTAIN DYE**



**ORTHO**

**ORTHO  
4 Flowal  
Seed Pro**

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS & DOMESTIC ANIMALS**

**WARNING**  
Causes reversible eye damage. May cause allergic skin reactions. Harmful if swallowed, inhaled or absorbed through the skin. Do not get in eyes. Wear goggles or face shield when handling. Avoid contact with skin and clothing. Avoid breathing dust or vapors in conditions of frequent use. Increase the potential of exposure. Inhalation can best be avoided by wearing a pesticide respirator, only approved by the Mining Enforcement and Safety Administration formerly the U.S. Bureau of Mines and by the National Institute for Occupational Safety and Health under the provisions of 30 CFR Part 11. Wash hands after use. Remove and launder clothing before reuse.

**STATEMENT OF PRACTICAL TREATMENT**  
In case of eye contact, immediately flush eyes with fresh water for 15 minutes and see a doctor. If swallowed, give a large amount of water and make person vomit and call a doctor. For skin contact, wash with plenty of soap and water. See a doctor if irritation occurs or rash develops.  
**Note to Physicians:** Emergency information: call 415-233-3737.

**ENVIRONMENTAL HAZARDS**  
This product is toxic to fish. Do not apply directly to water. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from treated areas.

**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 burning is prohibited.  
Do not reuse empty container.

**STORAGE**  
Keep pesticide in original container.  
Do not put in or concentrate or dilute into food or drink containers.  
Store in cool, dry place, but protect from temperatures below 0°F.  
Do not store or transport near feed or food.

**PESTICIDE DISPOSAL**  
Pesticide, spray, mixture or rinse water that cannot be used according to label instructions must be disposed of according to Federal, state or local procedures.

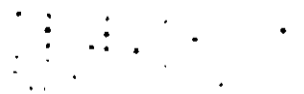
**CONTAINER DISPOSAL**  
Triple rinse for equipment. Then offer for recycling or reconditioning or dispose of in a sanitary landfill or by incineration, if permitted by state and local authorities.

**(FUNGICIDE)**

Active Ingredients  
\*Captan  
Related Derivatives  
Inert Ingredients  
\*N-[(trichloromethylthio)-4-dicarboximide  
Contains 4 lbs. Captan and F

**KEEP OUT OF REACH OF  
WARNIN  
SEE SIDE PANEL FOR ALL  
PRECAUTIONARY STATEMENTS**

**NET CONTENTS 5**





**ORTHO**

# ORTHO<sup>®</sup>CIDE

## 4 Flowable Seed Protectant

(FUNGICIDE)

Active Ingredients	By Wt
*Captan	35.2%
Related Derivatives	2.0%
Inert Ingredients	62.8%
*N-[(trichloromethyl)thio]-4-cyclohexene-1,2-dicarboximide	
Contains 4 lbs. Captan and Related Derivatives per gallon	

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

**NET CONTENTS 5 GALLONS**

ORTHOCIDE 4 Flowable Seed Protectant is a special flowable formulation containing ORTHOCIDE (Captan) for seed treatment application used in preventing seed rot and damping off diseases on germinating seeds and seedlings and smut on onion and hulled sorghum seeds.

### USE PRECAUTION

When using formulations that do not contain dye, to comply with 21 CFR Chapter 1, Section 225.3, seed treated with a pesticide must be colored to distinguish and prevent subsequent inadvertent use as a food for man or feed for animals.

### DIRECTIONS

SHAKE ROIL OR AGITATE CONTAINER TO IMPROVE UNIFORMITY.

Mix the recommended amount of ORTHOCIDE 4 Flowable Seed Protectant into the required amount of water for the slurry treater machine to be used. Do not allow slurry material to stand overnight in the machine. Slurry treated seed should not be stacked before drying. Store in well-ventilated area. If the seed is wet when stacked, heat may develop and germination may be reduced. Clean out equipment thoroughly between treating operations.

The following table gives recommended amounts of ORTHOCIDE 4 Flowable Seed Protectant to use on various seeds. Do not use on lima beans.

SEED TREATMENT DOSAGE RATES*	
SEED	DOSAGE RATE RANGE
Alfalfa (over Lespedeza Trefo.)	5.8 1/4 fl. oz. 100 lb.
Bean (snap, dry) Cowpeas	2.3 fl. oz. 100 lb.
Beets (garden)	8.12 fl. oz. 100 lb.
Blue Grass	8 1/4 fl. oz. 100 lb.
Cereals (for seed and seedling rots will not control smut)	
Barley	2.3 fl. oz. 100 lb.
Oats	2.4 fl. oz. 100 lb.
Wheat	1 1/2 fl. oz. 100 lb.
Cole Crops (broccoli, Brussels sprouts, cabbage, cauliflower)	1.2 fl. oz. 100 lb.
Corn	
Field	1 1/2 to 2 1/2 fl. oz. 100 lb.
Sweet	2.4 fl. oz. 100 lb.
Cotton	
Acid dehted	2 1/2 to 5 fl. oz. 100 lb.
Reginned	3 1/2 to 7 fl. oz. 100 lb.
Fulzy	3 1/2 to 7 fl. oz. 100 lb.
Cucumber, cantaloupe	2 1/2 to 3 fl. oz. 100 lb.
GRASS (GRA BULBS) - Prevention of bulb rot - Use 2 1/2 fl. oz. in 1 gal. water (1 1/2 pts. to 10 gal.) Soak bulbs in mixture 20-30 minutes.	
Grassers	1.2 fl. oz. 100 lb.
Flax	2.3 fl. oz. 100 lb.
Grasses	5.8 1/4 fl. oz. 100 lb.
Milo	4.6 fl. oz. 100 lb.
Onions (beating)	1 1/2 pint/pound
Peanuts	6 fl. oz. 100 lb.
Peas (lentils)	2 1/2 fl. oz. 100 lb.
Peppers	2.3 fl. oz. 100 lb.
Rice	2.6 fl. oz. 100 lb.
Sorghum (hulled) - For kernel smut	1 1/2 to 2 1/2 fl. oz. 100 lb.
Soybeans	1 1/2 to 2 1/2 fl. oz. 100 lb.
Spinach	4.6 fl. oz. 100 lb.
Squash (pumpkin, watermelon, muskmelon)	1 1/2 to 2 fl. oz. 100 lb.
Sugar beets	
West	5 fl. oz. 100 lb.
East	12 fl. oz. 100 lb.
Swiss Chard	10 to 12 fl. oz. 100 lb.

Do not use treated seed to animals. Do not use treated seed for human consumption. Seeds treated with ORTHOCIDE 4 Flowable Seed Protectant should be stored as feed or food. They may be considered adulterated under state and federal laws. Treated seed must be labeled as follows: "TREATED SEED - DO NOT USE FOR FOOD, FEED OR OIL."

**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 an 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.

Manufactured for  
**Chevron Chemical Company**

Ortho Agricultural Chemicals Division  
 San Francisco CA 94119 - Richmond CA 94604  
 Product 5104 - Made in U.S.A.  
 Form 3750-E - EPA Est. 1812 GA 3  
 EPA Reg. No. 230-2397-ZA