

# **PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS (AND DOMESTIC ANIMALS)**

## **CAUTION**

Causes eye and skin irritation. Harmful if swallowed, inhaled, or absorbed through skin. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Wash with soap and water after handling. Avoid inhaling of spray mist. Do not use or store near food or feed.

During commercial exposure in seed treatment and loading operations, wear goggles, clean synthetic rubber gloves, protective clothing, and a pesticide respirator jointly 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, arms, and face thoroughly with soap and water after handling and before eating or smoking. Routinely shower or bathe after work and wash all clothing with soap and hot water before reusing.

## **ENVIRONMENTAL HAZARDS**

This product is toxic to fish, birds, and wildlife. Do not apply directly to lakes, streams, or ponds. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label. Exposed treated seeds may be hazardous to birds and other wildlife. Dispose of all excess treated seeds by burial away from bodies of water.

## **DIRECTIONS FOR USE**

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

## **STORAGE AND DISPOSAL**

- 1. PROHIBITIONS:** Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.
- 2. PESTICIDE DISPOSAL:** Pesticide, spray mixture or rinsate that cannot be used according to label instructions must be disposed of according to Federal, State, or Local procedures under the Resource, Conservation, and Recovery Act.
- 3. CONTAINER DISPOSAL:** Triple rinse (or equivalent) and offer for recycling or reconditioning or dispose of in a sanitary landfill or by incineration if permitted by State and Local Authorities.
- 4. GENERAL:** Consult Federal, State, or Local Disposal Authorities for approved alternative procedures such as limited open burning.
- 5. STORAGE:** Store in a cool, dry place.

# **THIRAN 30% DYED FLOWABLE SEED PROTECTANT**

<b>ACTIVE INGREDIENT:</b>	<b>BY WT.</b>
Thiram (Tetramethylthiuram disulfide)	30.0%
<b>INERT INGREDIENTS:</b>	70.0%
	100.0%

## **KEEP OUT OF REACH OF CHILDREN**

## **CAUTION**

### **Statement of Practical Treatment**

**IF SWALLOWED:** Drink one or two glasses of water and induce vomiting by touching back of the throat with finger. Repeat until vomit fluid is clear. Call a Physician immediately. Do not induce vomiting or give anything by mouth to an unconscious person.

**IF INHALED:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth.

**IF ON SKIN:** Wash the affected area with soap and warm water.

**IF IN EYES:** Immediately flush eyes with running water for at least 15 minutes. Call a Physician.

See side panel for additional precautionary statements.

**ACCEPTED**

**MAY 26 1981**

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 43789-35

Mfg. by Agricultural Products Co.  
Ft. Worth, Texas 76112

EPA Est. 43789-TX-01  
EPA Reg. No. 43789-35

Net Contents

The following is recommended by the manufacturer for use of this product. It is not a guarantee of results and the user must control the loss and

**AS APPLIED TREATMENT:** This product is designed and approved for use as a flowable seed protectant. See the label for the type of slurry equipment to be used. **FOR SLURRY TYPE TREATMENT:** For slurry type treatment, mix the product with water to form a slurry. The slurry should be applied to the seed in a slurry tank or by hand. The slurry should be applied to the seed in a slurry tank or by hand. The slurry should be applied to the seed in a slurry tank or by hand. **FOR HAND SLURRY TREATMENT:** For hand slurry treatment, mix the product with water to form a slurry. The slurry should be applied to the seed in a slurry tank or by hand. The slurry should be applied to the seed in a slurry tank or by hand. **IMPORTANT:** Treated seed should not be stored in excess of 30 days. Treated seed must be stored in accordance with all applicable regulations. Exposed treated seed may be hazardous to birds and other wildlife.

## **SEED**

Type of Seed  
Barley  
Beans (Snap & Dry)  
Beans (Lima)  
Beets (Garden & Sugar)  
Cantaloupe, Cucumber, Pumpkin  
Squash, Watermelon  
Castor Beans  
Corn  
Cotton (Acid delinted)  
Cotton (Regained & Fuzzy)  
Cowpeas  
Eggplant  
Flax  
Grasses  
Legumes (Small seeded)  
Millet  
Okra, Onions  
Peanuts (Shelled)  
Peas  
Rice  
Rye  
Safflower  
Sesame  
Sorghum  
Soybeans  
Tomato  
Wheat

Broccoli, Brussels Sprouts, Carrots, Kohlrabi, Lettuce, Mustard, Peppers

**FOR TREATMENT OF RICE SEED:** Used according to directions. For treatment of rice seed in a slurry tank, the slurry should be applied to the seed in a slurry tank or by hand. For treatment of rice seed in a slurry tank, the slurry should be applied to the seed in a slurry tank or by hand. **Note:** To prevent water contamination, do not use treated seed in a slurry tank.

## **NOT**

**CONDITIONS OF SALE:** Seller is to have accepted, the following conditions of sale. **WARRANTY LIMITATION:** Seller is to have accepted, the following conditions of sale. **OF MERCHANTABILITY:** The direction of use or application of this product is to be used in accordance with the label. **LIMITATION OF LIABILITY:** In no event shall the seller be liable for damages resulting from the use or handling of this product.

# THIRAN 80% DYED FLOWABLE SEED PROTECTANT

**ACTIVE INGREDIENT:** Thiram (Tetramethylthiuram disulfide) **BY WT. 30.0%**  
**INERT INGREDIENTS:** **70.0%**  
**100.0%**

## KEEP OUT OF REACH OF CHILDREN CAUTION

### Statement of Practical Treatment

**IF SWALLOWED:** Drink one or two glasses of water and induce vomiting by touching back of the throat with finger. Repeat until vomit fluid is clear. Call a Physician immediately. Do not induce vomiting or give anything by mouth to an unconscious person.

**IF INHALED:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth.

**IF ON SKIN:** Wash the affected area with soap and warm water.

**IF IN EYES:** Immediately flush eyes with running water for at least 15 minutes. Call a Physician.

See side panel for additional precautionary statements.

**ACCEPTED**

**MAY 26 1981**

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 43789-35

Mfg. by Agricultural Products Co.  
Fl. Worth, Texas 76112

EPA Est. 43789-TX-01  
EPA Reg. No. 43789-35

Net Contents

## GENERAL INFORMATION

This product is recommended for the treatment of listed seeds and, when used as directed, will usually increase stands and yields by reducing losses from seed decay, damping-off, and seedling blights. It also will usually control the loose and covered kernels of sorghum.

## DIRECTIONS FOR USE

**AS A SEED TREATMENT:** This product should be applied with water as a suspension in the slurry-type treater designed and approved for this purpose, or may be applied by hand in any suitable mixing equipment such as home-made rotary drums. Seed may be treated anytime after being well cured.

**FOR SLURRY TYPE TREATER:** Use by mixing with water in a slurry treater at the concentration necessary for the type of slurry equipment being used and the seed being treated.

**FOR HAND SLURRY TREATMENT:** Consult the following table for the number of fluid ounces recommended for each 100 pounds of seed. Add this amount to 1 quart of water for 100 pounds of seed. Stir to a smooth suspension. Place seed in a mixing container to spread in a 4-inch layer on floor on a clean dry cloth or paper. Sprinkle the measured amount of slurry suspension over the spreaded amount of seed and mix immediately. Turn seed at least 5 times and allow to dry before planting.

**IMPORTANT:** Treated seed must not be used for or mixed with food or animal feed, or processed for oil. Treat only those seeds needed for immediate use, minimizing the interval between treatment and planting. Do not store excess treated seeds beyond planting time. Seed commercially treated with this product must be labeled in accord with all applicable requirements of the Federal Seed Act. Labels attached to treated seed must state: "Treated seed must not be used for or mixed with food or animal feed, or processed for oil," and "Exposed treated seed may be hazardous to birds and other wildlife. Dispose of all excess treated seed and seed packaging by burial away from bodies of water."

## SEED TREATMENT DOSAGE RATES

Type of Seed	Fluid ounces per 100 pounds
Barley	5.9
Beans (Sh & Dry)	2.8
Beans (Lima)	4.2
Beets (Garden & Sugar)	11.2
Cantaloupe, Cucumber, Pumpkin, Squash, Watermelon	6.3
Castor Beans	6.3
Corn	4.2
Cotton (Acid defoliated)	6.3
Cotton (Reginned & Fuzzy)	6.3
Cowpeas	2.8
Eggplant	8.4
Flax	7.4
Grasses	11.2
Legumes (Small seeded)	11.2
Millet	5.6
Okra, Onion	8.4
Peanuts (Shelled)	6.3
Pears	4.2
Rice	3.5
Rye	5.2
Safflower	1.6
Sesame	4.2
Sorghum	3.8
Soybeans	2.8
Tomato	8.4
Wheat	4.6

Broccoli, Brussel Sprouts, Carrots, Cabbage, Cauliflower, Caulards, Endive, Kale, Kohlrabi, Lettuce, Mustard, Peppers, Radish, Spinach, Swiss Chard, Turnip At 11.2

## FOR TREATMENT OF RICE SEED IN CALIFORNIA:

Used according to directions, this product will usually increase stands and yields by reducing losses from seed decay, damping-off, and seedling blights caused by seed-borne and soil-borne organisms.

For treatment of rice seed in California, use this product at the rate of 5.0 ounces per 100 pounds of seed. It may be applied to well-cured rice seed prior to pre-plant soaking. It should be used with water as a suspension, in treaters suitable for adequate mixing and accurate application to seed.

**Note:** To prevent water contamination in irrigation or drainage canals, soak water should be retained in seedling basins. Do not use treated seed for food or feed.

## NOTICE — READ CAREFULLY

**CONDITIONS OF SALE:** Seller(s) offer(s) this product for sale subject to, and buyer and all users are deemed to have accepted, the following conditions of sale and warranty which may only be varied by written agreement of a duly authorized representative of Seller(s).

**WARRANTY LIMITATION:** Seller(s) warrant(s) that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the directions for use on the label subject to the inherent risks referred to below. Seller(s) make(s) no other express warranties. **THERE IS NO IMPLIED WARRANTY OF MERCHANTABILITY** and there are no warranties, which extend beyond the description on the label hereof.

**INHERENT RISKS:** The directions for use of this product are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks associated with its use. Buyer assumes all risks associated with use or application of this product contrary to label instructions or resulting from extraordinary weather conditions.

**LIMITATION OF LIABILITY:** In no case shall Seller(s) be liable for special, indirect, or consequential damages resulting from the use or handling of this product and no claim of any kind shall be greater in amount than the purchase price of the product in respect of which such damages are claimed.

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