

# DIRECTIONS FOR USE

This product is formulated for dry treatment of seed; but is a wettable powder and, for special uses, may be applied as a suspension. For Large Quantities of seed — Use any suitable commercial dust treater, homemade rotary drum, or mix directly with seed in planter box. For Small Quantities — Use a can or jar. Crush or bury container after use in a safe place.

**How to Apply** — (Rotary Drum or Small Container) — Fill unit not more than 1/2 full of seed. Add the correct amount of treatment according to table. Rotate unit slowly until red color is imparted to seed. (Planter Box) — Add 1/2 the seed according to box capacity, sprinkle 1/2 the needed treatment over the seed. Stir with a stick or paddle until color is imparted to seed. Add remaining seed, then treatment and repeat stirring process. Seeds may be treated any time after they are cured. Treat peanuts promptly after shelling. Gladiolus Bulbs — Treat any time after drying. Coat the bulbs well with this product by shaking in a paper bag or similar device, or by dipping into a suspension of 1 1/2 lbs. of treatment in 8 gallons of water. Stir suspension frequently. Dry bulbs before storing.

CROP SEEDS**	RATE OF TREATMENT	
	Tsp.* per 1 lb. seed	Ozs. per bu. or cwt. seed
Corn (Field), Rice	1/2	1 1/2/bu.
Corn (Sweet)	1	3 1/3/cwt.
Wheat	1/2	2/bu.
Rye, Safflower	2/3	2/bu.
Flax	1	3/bu.
Sorghum, Millet, Barley, (Soybeans—Planter Box Treatment)	3/4	2/bu.
Peas, Bean (Lima), Sesame	1/2	3/cwt.
Beans (Snap and Dry), Soybeans, Cowpeas	1/3	2/cwt.
Cucumbers, Pumpkin, Squash, Watermelon	3/4	4 1/2/cwt.
Castor Bean, Peanuts (Shelled)	3/4	4 1/2/cwt.
Eggplant, Tomato, Okra, Onions***	1	6/cwt.
Beets (Garden and Sugar), Broccoli, Brussels Sprouts, Carrots, Cabbage, Cauliflower, Collards, Endive, Grasses, Kale, Kohlrabi, Lettuce, Mustard, Peppers, Radish, Small-seed Legumes, Spinach, Swiss Chard, Turnip	1 1/3	8/cwt.

NOTE: 1 oz. is equivalent to 6 level tablespoons.

\*Tsp.—1 level teaspoonful

\*\*Treated legume seed can be inoculated. Treat first, inoculate just before planting. Pre-inoculated seed can be treated. Treat just before planting. Planter box mixing of inoculant and fungicide not advised.

\*\*\*This rate for onions controls seed decay and damping-off. For smut control in set onions, use 1 lb. of treatment to 10 lbs. of seed.

## CAUTION

Avoid handling this product or treated seed with bare hands. Use of a dry filter mask is recommended. Dispose of mixing bag or stirring paddles by burning. Stay out of smoke or fumes.

**TREATED SEEDS MUST BE LABELED** "This seed treated with Imperial Thiram Seed Protectant. Do not use for food, feed or oil purposes."

## ENVIRONMENTAL CAUTIONS

This product is toxic to fish. Keep out of lakes, streams, or ponds. Do not contaminate water by cleaning of equipment or disposal of waste. Use this product only as specified on this label.

Do not reuse container. Dispose of by burning or burying. Stay out of smoke or fumes.

## NOTICE

Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herein.

# Imperial

# THIRAM SEED PROTECTANT

## ACTIVE INGREDIENT:

\*Thiram (Tetramethylthiuram disulfide) ..... 50%

INERT INGREDIENTS ..... 50%

Total ..... 100%

\*From DuPont Arasan® Thiram Seed Protectant  
Arasan is registered trademark of E. I. DuPont de Nemours & Co.

## CAUTION

## KEEP OUT OF REACH OF CHILDREN

May irritate eyes, nose, throat and skin. Harmful if inhaled or swallowed. Do not get in eyes or on skin. Do not inhale dust. Wash thoroughly after handling. In case of contact, flush skin or eyes with plenty of water; for eyes, get medical attention. The consumption of alcoholic beverages increases the possibility of harm.

**GENERAL INFORMATION:** This product is recommended for the treatment of field and sweet corn, wheat, barley, sorghum, millet, soybeans, castor beans, rice, peanuts, sugar beets, sesame, grasses, legumes, gladiolus bulbs and the listed vegetable seeds. When used as directed, this product will usually improve stands by reducing losses from seed decay, damping-off and seedling blights caused by seed-borne and soil-borne organisms. It will usually control the loose and covered kernel smuts of sorghum and will usually prevent basal rot and decay of gladiolus bulbs.

When used as directed, this product will color the seed red.

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EPA Est. 407-1A-1

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## NET CONTENTS

Manufactured by

# IMPERIAL INC.

SHENANDOAH, IOWA 51601

ACCEPTED

MAY 15 1975

UNDER THE FEDERAL INSECTICIDE  
FUNGICIDE AND RODENTICIDE ACT  
FOR ECONOMIC POISON REGISTERED  
ED UNDER NO. 407-387