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ACCEPTED

NOV 18 1983

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 239-912

ORTHOCIDE 65 Seed Protectant
239-912
September 28, 1983

COPY A

ORTHOCIDE 65 Seed Protectant has no adverse effect on seed germination or planting rate when used as directed. It is used in preventing seed rot and damp-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 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.

COPY B

Clean out equipment thoroughly between treating operations.

COPY C

MIXING DIRECTIONS

Fill the mix tank one-half to two-thirds full with water. While continuously agitating, add the recommended amount of ORTHOCIDE 65 Seed Protectant. If other seed protectant products are to be added to the mix tank, they should be added after the ORTHOCIDE 65 Seed Protectant in the following order: wettable powders, wet or dry flowables, emulsifiable concentrates, soluble powders or liquids. Add the recommended amount of ORTHO Binder to the mix tank last. Bring the mixture volume up to that desired by adding water.

NOTE: The materials in the mix tank must be agitated continuously during the mixing process.

GLADIOLUS CORMS: For prevention of Bulb Rot - Use 1 3/4 oz. ORTHOCIDE 65 Seed Protectant in 1 gal. water (17 1/2 oz. to 10 gals.). Soak corms in mixture 20 to 30 minutes.

ONION SEED PELLETTING: Use 18 1/2 oz. ORTHOCIDE 65 Seed Protectant per 1 lb. of seed plus 1/4 pt. methyl cellulose 5% solution.

COPY D

CONTAINS DYE

CONTAINS NO BINDER

ORTHO Binder must be added to the mixing tank at the rate of two (2) quarts of binder per 30 pounds of ORTHOCIDE 65 Seed Protectant.

THE FOLLOWING TABLE gives amount of ORTHOCIDE 65 Seed Protectant to use on various seeds. DO NOT USE ON BABY LIMA BEANS.

| SEED | DOSAGE RATE | LBS. SEED TREATED/ LB. OF PRODUCT |
|------------|--------------------------------|---|
| CORN-Field | 1 1/2 oz/100 lbs 3/4 oz/bu. | 1070 |

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COPY D - Continued

| SEED | DOSAGE RATE | LBS. SEED TREATED/ LB. OF PRODUCT |
|--------------------------------------|---------------------------------|---|
| CORN-Sweet | 3 oz/100 lbs. 1 3/4 oz/bu. | 530 |
| WHEAT | 1 1/2 oz/100 lbs. 3/4 oz/bu. | 1070 |
| RICE | 2 1/2 oz/100 lbs. | 640 |
| OATS | 2 1/4 oz/100 lbs. 3/4 oz/bu. | 710 |
| BARLEY | 1 3/4 oz/100 lbs. 3/4 oz/bu. | 910 |
| FLAX | 3 oz/100 lbs. 1 1/2 oz/bu. | 530 |
| BEANS (Except Baby Limas) PEAS | 2 oz/100 lbs. 1 1/4 oz/bu. | 800 |
| LENTILS (Washington & Idaho Only) | 2 oz/100 lbs. | 800 |
| CARROT | 7 oz/100 lbs. | 230 |
| CUCUMBERS, CANTALOUPE | 2 1/4 oz/100 lbs. | 710 |
| SQUASH, PUMPKIN, WATERMELON | 1 1/2 oz/100 lbs. | 1070 |
| BEETS, SWISS CHARD | 9 1/2 oz/100 lbs. | 170 |
| RUTABAGA | 3 1/2 oz/100 lbs. | 460 |
| SUGAR BEETS | 9 1/2 oz/100 lbs. | 170 |

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COPY D - Continued

| <u>SEED</u> | <u>DOSAGE RATE</u> | <u>LBS. SEED TREATED/ LB. OF PRODUCT</u> |
|--|-----------------------------------|--|
| CLOVER, ALFALFA | 6 1/2 oz/100 lbs. 3 3/4 oz/bu. | 260 |
| SOYBEANS | 2 oz/100 lbs. 1 1/2 oz/bu. | 800 |
| TURNIP | 2 1/2 oz/100 lbs. | 710 |
| COTTON - Acid Delinted | 2 1/2 oz/100 lbs. | 710 |
| COTTON - Machine Delinted Fuzzy (Not Delinted) | 3 1/2 oz/100 lbs. | 460 |
| BLUEGRASS | 6 1/2 oz/100 lbs. | 260 |
| CABBAGE, CAULIFLOWER, RADISH, BROCCOLI, BRUSSELS SPROUTS | 1 1/2 oz/100 lbs. | 1280 |
| SPINACH, EGGPLANT | 4 1/2 oz/100 lbs. | 360 |
| SORGHUM hulled (Kernel Smut) | 3 1/2 oz/100 lbs. | 460 |
| PEPPERS | 2 1/2 oz/100 lbs. | 710 |
| CONPEAS | 2 1/2 oz/100 lbs. 1 1/2 oz/bu. | 710 |
| RYE | 2 oz/100 lbs. | 800 |
| SESAME | 1 1/2 oz/100 lbs. | 280 |

COPY E

A Slurry Product - DOES NOT CONTAIN BINDER
 Prevents Seed Rot and Damp-off Diseases