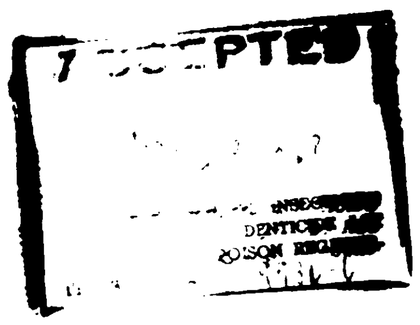

GRACE FERTILIZER

Contains 0.6% * DI-SYSTON

USDA Registration No. 9936-6

STATEMENT OF INGREDIENTS FOR INSECT CONTROL

Active ingredient

O,O-diethyl S-[2-ethylthio)ethyl] phosphorodithioate ..... %

Inert ingredients ..... %

Total ..... %

U.S. Patent No. 2759...

*DI-SYSTON is a registered trademark of Farbenfabriken Bayer A.G. Germany

STATEMENT OF INGREDIENTS AS PLANT FOOD

Ammoniac Nitrogen

Available Phosphoric Acid

Water Soluble Potash

DIRECTIONS FOR USE

DI-SYSTON is a systemic insecticide entering the plant by absorption through the roots. The insect sucks plant juices and feeds on the plant. The active ingredient is carried throughout the plant giving long protection during the plant growth cycle.

VEGETABLES

BEANS To control Aphids, Leafhoppers, Mexican Bean Beetle, Thrips, Mites and Thrips apply at the rate of 165 lbs. (1 lb. actual insecticide) per acre. **For Snap or Green Lima Beans,** apply granules in a band on each side of the seed furrow at planting time only. **For Dry Beans,** apply granules per acre as a side-dressing on each side of the row after the plants are established but not more than 30 days from emergence. Do not apply more than once per season. **IMPORTANT** ... under **"RECOMMENDED DI-SYSTON APPLICATIONS"** ... must be before using on this crop.

BRUSSELS SPROUTS, CAULIFLOWER To control Aphids, Leafhoppers, Mites and Thrips in Brussels Sprouts and Aphids, Flea Beetles, Leafhoppers in Cauliflower apply ... Apply granules per acre ... planting ... directly ... Do not apply more than ... days ... harvest. Allow a minimum of 21 days ...

BROCCOLI, CABBAGE To control Aphids, Flea Beetles and Aphids, Flea Beetles in Cabbage apply ... granules per acre. Apply granules per acre ... the seed furrow at planting ... Do not apply more than ... Allow a minimum of 21 days between ... Cabbage

POTATOES To control Aphids, Flea Beetles, Leafhoppers, Potato Psyllid, Colorado Potato Beetle ... 2 to 3 lbs. actual insecticide per acre. Apply granules in the furrow at planting time ... Do not apply more than ... apply within 21 days of harvest. Allow a minimum of 21 days ...

SPINACH To control Aphids, Leafhoppers, Mites and Thrips apply at the rate of 165 lbs. (1 lb. actual insecticide) per acre. Apply granules in a band on each side of the seed furrow at planting time only. Do not apply directly ...

PEAS To control Aphids and Leafhoppers, apply granules in a band at planting time or as a side-dressing on each side of the row after emergence at the rate of 165-415 lbs. (1 lb. to 2½ lbs. actual insecticide) per acre. Do not apply more than once per season nor within 21 days of harvest.

SUGAR BEETS To control Aphids, Leafhoppers and Mites apply at the rate of 165 lbs. (1 lb. actual insecticide) per acre, 30 inch row spacing, in a band on each side of the seed furrow at planting. Do not apply directly on seed. Do not apply more than 3 times per season nor within 30 days of harvest. Allow a minimum of 21 days between applications. Read **IMPORTANT** statement under **"RECOMMENDED DI-SYSTON APPLICATIONS"** ... must be before using on this crop.

NON-BEARING FRUIT

STRAWBERRIES (PROPAGATING PLANTS ONLY) To control Aphids, Mites and Cyclamen Mites, apply 165-415 lbs. (1 to 2½ lbs. actual insecticide) per acre, 42 inch row spacing, by side dressing on each side of the row after the plants are established but not more than 30 days from emergence. Do not use fruit from treated plants for food purposes.

RECOMMENDED DI-SYSTON APPLICATIONS

IMPORTANT When this product is used for Tomatoes, Sugar Beets or Beans at the maximum recommended rate under adverse weather conditions such as extremely wet or extremely dry weather, there is a possibility of temporary reduction in emergence, stunting of seedling or reduction in stand. Such damage may be more pronounced in light sandy soils. Plant injury may also occur when certain pre-emergent herbicides are used in conjunction with DI-SYSTON.

CONTAINER DISPOSAL

DO NOT RE-USE THE CONTAINER Completely empty the container and triple rinse with water at least five times before disposal. Add rinsings to spray tank. Burn the empty container or dispose in a sanitary landfill. Do not use for any purpose. Do not reuse or refill this container to hold drinking water.

DANGER POISON

Keep out of reach of children

... harmful or fatal if swallowed, inhaled or absorbed through the skin. Do not get in eyes or on skin or clothing. Avoid breathing dust. Wear protective clothing and equipment when handling. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly with soap and water. Remove contaminated clothing and wash before reuse.

Mixers, loaders and applicators of this Fertilizer mixture must wear protective clothing and equipment as follows: Applicators must wear ... Mixers and loaders must wear ... Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and change into clean clothing. Wash clothing before reuse.

SYMPTOMS OF POISONING ... Contracted pupils, Stomach pains, Vomiting and diarrhea.

TREATMENT ...

acre. **For Snap or Green Lima Beans,** apply specified dosage per acre in a band on each side of the seed furrow at planting time only. For **Dry Beans,** apply specified dosage per acre as a side-dressing on each side of the row after plants become established but not within 60 days of harvest. Do not apply directly to seed. Do not apply more than [illegible] per season. Read **IMPORTANT** statement under **"RECOMMENDED DI-SYSTON APPLICATIONS"** for additional information before using on this crop.

BRUSSELS SPROUTS, CAULIFLOWER To control Aphids, Flea Beetles, Leafhoppers, Mites and Thrips on Brussels Sprouts and Aphids, Flea Beetles and Leafhoppers on Cauliflower apply [illegible] Apply specified dosage per acre [illegible] planting or as a side-dressing after plants become established. Apply directly to the seed furrow [illegible] days of harvest for Brussels Sprouts [illegible] Allow a minimum of 21 days between applications.

BROCCOLI, CABBAGE To control Aphids, Flea Beetles, Cabbage [illegible] and Aphids, Flea Beetles and Cabbage [illegible] per acre. To control Root Aphids [illegible] insecticide per acre. Apply specified dosage per acre [illegible] the seed furrow at planting or as a side-dressing fertilizer after plants become established. Do not apply directly to seed. Do not apply more than [illegible] per season. Do not use within 14 days of harvest for Broccoli or within 21 days of harvest for Cabbage.

POTATOES To control Aphids, Flea Beetles (except Tuber Flea Beetle), Leafhoppers, Potato Psyllid, Colorado Potato Beetle (early season reduction) and Mites apply 330-500 lbs. (2 to 3 lbs. actual insecticide) per acre. Apply specified dosage per acre in the furrow or in a band on each side of the seed furrow at planting time or as a side-dressing fertilizer after plants become established. Do not apply within 75 days of harvest. Higher rates [illegible]

SPINACH— To control Aphids, Leafhoppers, Mites and Thrips on Spinach apply 165 lbs. (1 lb. actual insecticide) per acre. Apply specified dosage per acre in a band on each side of the seed furrow at planting time only. Do not apply directly on the seed.

TOMATOES—To control Aphids, Flea Beetles, Leafhoppers, Leaf Miner, Colorado Potato Beetles (early season reduction) and Mites apply [illegible] to 3 lbs. actual insecticide) per acre. Apply maximum specified dosage per acre in a band on each side of the seed furrow at planting time only. Do not apply directly to seed. Where 2 treatments are required [illegible] acre per treatment applied in a band on each side of the seed furrow at planting and as a side-dressing after plants become established. Allow a minimum of 21 days between applications. Do not apply within 3[illegible] days of harvest. Read **IMPORTANT** statement under **"RECOMMENDED DI-SYSTON APPLICATIONS"** for additional information [illegible]

VEGETABLES GROWN FOR SEED ONLY To control Aphids, Leafhoppers, Mites and Thrips on Carrots, Garlic, Onions, Rutabagas and Turnips **grown for seed only,** apply at the rate of [illegible] per acre [illegible] inch row spacing in a band on each side of the seed furrow at planting. Do not apply directly to seed. Additional treatments may be made after plants become established. Where row spacing is extremely narrow [illegible] Do not apply within [illegible] days of harvest.

FIELD CROPS

ALFALFA To control Aphids and Mites [illegible] Allow a minimum of [illegible] between applications.

BARLEY, OATS To control Aphids and Mites [illegible] Make not more than two applications per season. Allow a minimum of [illegible] between applications. Do not apply within [illegible] days of harvest.

CORN To control [illegible]

be more pronounced in light sandy soils. Plant injury may also occur or may be enhanced when certain pre-emergent herbicides are used in conjunction with DI-SYSTON.

CONTAINER DISPOSAL

DO NOT RE-USE THE CONTAINER Completely empty the contents and bury the unused chemical at least 18 inches deep in an isolated location away from water supplies. Burn the empty container completely. Exercise extreme caution and stay well away from the smoke. Do **not use** containers for any purpose other than to hold DI-SYSTON.

DANGER POISON

Keep out of reach of children

Poisonous if swallowed, inhaled or absorbed through the skin. Keep out of [illegible] Avoid breathing dust. Wear protective clothing and gloves of rubber or neoprene. If the concentrate should splash on the skin, wash with soap and water. Clothing should be changed after each day's use. Do not wear the same gloves for other work. Rubber gloves should be washed with soap and water after each use.

When using the Insecticide-Fertilizer mixture on pastured crops, in grounds, lawns or other recreational areas, wear a mask or respirator of a type approved by the U.S. Department of Agriculture for DI-SYSTON protection. Do not contaminate food or feedstuffs. Keep all unprotected persons out of the treating area or vicinity. Wash hands, arms and face thoroughly with soap and warm water before eating or smoking. Wash all contaminated clothing with soap and hot water before re-use.

SYMPTOMS OF POISONING A sense of "tightness" in the chest. Sweating. Contracted pupils. Stomach pains. Vomiting and diarrhea.

TREATMENT In case of [illegible] call physician immediately. Have patient lie down and keep quiet. If vomiting occurs, induce it by giving a tablespoon of salt in a glass of warm water. Alternate this with drinking water [illegible] and again and observe the patient [illegible] contaminated clothing and wash [illegible] with soap and warm water. If eyes are contaminated [illegible] minutes.

TO PHYSICIAN — ANTIDOTE [illegible] Repeat [illegible] PAM [illegible] and may be administered [illegible] Compound [illegible] central nervous system depressants [illegible] Do not [illegible] which may decrease [illegible] Atropine [illegible] is contraindicated [illegible]

CAUTION [illegible]

PATENT LICENSE

[illegible]

NOTICE [illegible]

Manufactured by

W. R. GRACE & CO.

AGRICULTURAL PRODUCTS DIVISION

Portland, Oregon

Quincy, Wash. — Independence, Ore.

Net weight 80 lbs.