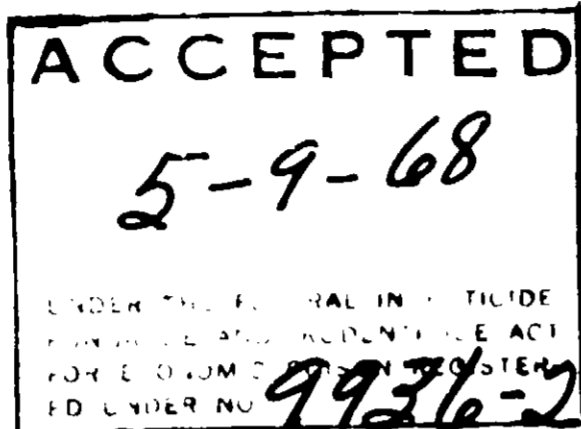




FERTILIZER

Contains 0.2% DI-SYSTON

USDA Registration No. 9936-2



STATEMENT OF INGREDIENTS FOR INSECT CONTROL

Active ingredient	
O,O-diethyl S-(2-cyanoethyl) phosphorodithioate	0.2
Inert ingredients	99.8
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EPA Reg. No. 210-100	Trade Name
DI-SYSTON is a registered trademark of Grace Products Co., Inc., New York, N.Y.	

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 the roots in the soil. The insecticide is transported to the plant's vascular system, where it kills sucking insects feeding on the plant. The active ingredient is retained in the plant tissue during the plant's growing season.

VEGETABLES

BEANS To control Aphids, Leafhoppers, Milkweed beetles, Fleas, Mites, and Thrips, apply at the rate of 1.5 to 2.0 lbs. actual in 100 gallons of water per acre. **For Snap or Green Lima Beans,** apply as a sidedressing fertilizer in each side of the furrow at planting time. **For Dry Beans,** apply as a sidedressing fertilizer in each side of the furrow at planting time. Do not apply more than 3 times per season within a 21-day interval. **IMPORTANT:** Do not apply more than 3 times per season within a 21-day interval. **IMPORTANT:** Do not apply more than 3 times per season within a 21-day interval.

BRUSSELS SPROUTS, CAULIFLOWER To control Fleas, Beetles, Flea beetles, Fleahoppers, Mites, and Thrips in Brussels sprouts and Aphids, Fleahoppers, Leafhoppers, and Mites in Cauliflower, apply at the rate of 1.5 to 2.0 lbs. actual in 100 gallons of water per acre. Apply as a sidedressing fertilizer in each side of the furrow at planting time. Do not apply more than 3 times per season within a 21-day interval. **IMPORTANT:** Do not apply more than 3 times per season within a 21-day interval.

BROCCOLI, CABBAGE To control Aphids, Fleahoppers, Flea beetles, Fleahoppers, Mites, and Thrips in Cabbage, apply at the rate of 1.5 to 2.0 lbs. actual in 100 gallons of water per acre. To control Aphids, Fleahoppers, Flea beetles, Fleahoppers, Mites, and Thrips in Broccoli, apply at the rate of 1.5 to 2.0 lbs. actual in 100 gallons of water per acre. Apply as a sidedressing fertilizer in each side of the furrow at planting time. Do not apply more than 3 times per season within a 21-day interval. **IMPORTANT:** Do not apply more than 3 times per season within a 21-day interval.

POTATOES To control Aphids, Fleahoppers, Flea beetles, Fleahoppers, Mites, and Thrips in Potatoes, apply at the rate of 1.5 to 2.0 lbs. actual in 100 gallons of water per acre. To control Aphids, Fleahoppers, Flea beetles, Fleahoppers, Mites, and Thrips in Potatoes, apply at the rate of 1.5 to 2.0 lbs. actual in 100 gallons of water per acre. Apply as a sidedressing fertilizer in each side of the furrow at planting time or as a side dressing fertilizer after plants become established. Do not apply within 75 days of harvest. Higher rate to be used in organic soils.

PEAS To control Aphids, Leafhoppers, and Mites, apply at the rate of 1.5 to 2.0 lbs. actual in 100 gallons of water per acre. To control Aphids, Leafhoppers, and Mites, apply at the rate of 1.5 to 2.0 lbs. actual in 100 gallons of water per acre. Apply as a sidedressing fertilizer in each side of the furrow at planting time. Do not apply more than 3 times per season within a 21-day interval. **IMPORTANT:** Do not apply more than 3 times per season within a 21-day interval.

SUGAR BEETS To control Aphids, Leafhoppers, and Mites, apply at the rate of 1.5 to 2.0 lbs. actual in 100 gallons of water per acre. To control Aphids, Leafhoppers, and Mites, apply at the rate of 1.5 to 2.0 lbs. actual in 100 gallons of water per acre. Apply as a sidedressing fertilizer in each side of the furrow at planting time. Do not apply more than 3 times per season within a 21-day interval. **IMPORTANT:** Do not apply more than 3 times per season within a 21-day interval.

NON-BEARING FRUIT

STRAWBERRIES (PROPAGATING PLANTS ONLY) To control Aphids, Mites, and Thrips, apply at the rate of 1.5 to 2.0 lbs. actual in 100 gallons of water per acre. To control Aphids, Mites, and Thrips, apply at the rate of 1.5 to 2.0 lbs. actual in 100 gallons of water per acre. Apply as a sidedressing fertilizer in each side of the furrow at planting time. Do not apply more than 3 times per season within a 21-day interval. **IMPORTANT:** Do not apply more than 3 times per season within a 21-day interval.

RECOMMENDED DI-SYSTON APPLICATIONS

IMPORTANT: When this product is used on Tomatoes, Sugar Beets, or Beans, at the maximum recommended rate, it may cause a slight leaf curling, which is not harmful and will not affect the yield. In some cases, a slight leaf curling may occur, which is not harmful and will not affect the yield. In some cases, a slight leaf curling may occur, which is not harmful and will not affect the yield.

CONTAINER DISPOSAL

DO NOT RE-USE THE CONTAINER Completely empty the container and rinse it out with water. Do not use the container for any other purpose. Do not use the container for any other purpose. Do not use the container for any other purpose.



DANGER POISON

Keep out of reach of children



This product is extremely poisonous. It is a systemic insecticide and should be kept out of reach of children. It is a systemic insecticide and should be kept out of reach of children. It is a systemic insecticide and should be kept out of reach of children.

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 30 days of harvest. Do not apply directly to seed. Do not apply more than once per season. Read **IMPORTANT** statement under **"RECOMMENDED DI-SYSTON APPLICATIONS"** for additional information before using in 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 1.5 to 2 lbs. actual insecticide per acre. Apply specified dosage per acre in a band on each side of the seed furrow at planting or as a side-dressing after plants become established. Do not apply directly to the seed. Do not apply more than twice per season. Do not apply within 30 days of harvest for Brussels Sprouts or 45 days of harvest for Cauliflower. Allow a minimum of 21 days between applications.

BROCCOLI, CABBAGE To control Aphids, Flea Beetles, Leafhoppers, Mites and Aphids, Flea Beetles on Cabbage, apply 1.5 to 2 lbs. actual insecticide per acre. To control Root Aphids on Cabbage, apply 1.5 to 2 lbs. actual insecticide per acre. Apply specified dosage per acre in a band on each side of the seed furrow at planting or as a side-dressing after plants become established. Do not apply directly to seed. Do not apply more than once per season. Do not use within 14 days of harvest for Broccoli or 42 days of harvest for Cabbage.

POTATOES—To control Aphids, Flea Beetles, Colorado Potato Beetle, Leafhoppers, Potato Psyllid, Colorado Potato Beetle, early season reduction, apply 1000-1500 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 after plants become established. Do not apply within 75 days of harvest. Higher rate to be used in organic soils.

SPINACH—To control Aphids, Leafhoppers, Mites, and Thrips on Spinach, apply 500 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 Miners, Colorado Potato Beetle, early season reduction, and Mites, apply 500-1000 lbs. (1 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, use only 500-1000 lbs. per 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 30 days of harvest. Read **IMPORTANT** statement under **"RECOMMENDED DI-SYSTON APPLICATIONS"** for additional information before using in this crop.

VEGETABLES GROWN FOR SEED ONLY To control Aphids, Leafhopper, Mites and Thrips, in Carrots, Garlic, Onion, Radishes, and Turnips **grown for seed only**, apply at the rate of 500-1000 lbs. (1 to 2 lbs. actual insecticide) per acre (18 inch row spacing) in a band on each side of the seed furrow at planting. Do not apply directly on the seed. Broadcast side-dressing application may be made after plants become established. Repeat as necessary. Onions, where row spacing is extremely narrow, do not allow treated bands to touch or close together than 1 inch. Do not use forage, only for seed.

FIELD CROPS

ALFALFA To control Aphids and Mites, apply at the rate of 500 lbs. actual insecticide per acre. Apply specified dosage per acre in a band on each side of the seed furrow at planting. Allow a minimum time of 21 days between applications.

BARLEY, OATS To control Aphids and Mites, apply at the rate of 500 lbs. actual insecticide per acre. Apply specified dosage per acre in a band on each side of the seed furrow at planting time or as a side-dressing after plants become established. Do not apply more than twice per season. Do not apply within 30 days of harvest. Allow a minimum of 21 days between applications. Do not graze or cut for hay within 30 days of treatment.

CORN To control Flea Beetles, Aphids, Leafhoppers, Mites, and Thrips, apply at the rate of 500 lbs. actual insecticide per acre. Apply specified dosage per acre at planting time in the seed furrow or in a band on each side of the seed furrow for human food purposes within 30 days of harvest. Do not apply more than once per season. Do not apply within 30 days of harvest for animal feed purposes.

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 mixture. Do not use container in any way that will lead to drinking water.



DANGER POISON



Keep out of reach of children

Evaporation swarms will irritate or mat the throat, eyes, nose, and skin. Avoid contact with the skin, eyes, nose, mouth, and clothing. Avoid breathing dust. Wear protective clothing and dust mask. Wash hands and face with soap and water. Do not use contaminated clothing. Do not wear the same pants for other work. Rubber gloves should be washed with soap and water after use.

When using this Insecticide-Fertilizer mixture in non-food crops or greenhouses or other enclosed areas, wear a mask, eye protectors, goggles approved by the U.S. Dept. of Agriculture for DI-SYSTON, and protective dust-contaminated feed or feed stuff. Keep all untested persons out of the operating 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 reuse.

SYMPTOMS OF POISONING—A sense of tightness in the chest, throat, and stomach; contracted pupils; stomach pain; vomiting and diarrhea.

TREATMENT—In case of poisoning, call a physician immediately. Have patient lie down and keep quiet. If vomit will induce, induce vomiting by giving a tablespoon of salt in a glass of warm water. Administer milk or water freely and again induce vomiting until fluid is clear. If no vomiting occurs, give contaminated clothing and wash skin immediately with soap and warm water. If eyes are contaminated, wash with flowing water for at least 15 minutes.

TO PHYSICIAN—ANTIDOTE—Administer atropine, 1 mg. per 100 lbs. body weight, and therapeutic doses. Repeat to the point of atropine (2 P.A.M.) and until digital and may be administered in conjunction with atropine.

Compress and inhibit cholinergic resulting in stimulation of the central nervous system, the parasympathetic nervous system, and the sympathetic nervous system. Give morphine. Watch for hypotension, edema, which may develop in the lower extremities. Do not give emetics. At first signs of pulmonary edema, treat patient with oxygen, place in an oxygen tent and treat pulmonary edema.

CAUTION This product is poisonous to fish and waterfowl. Do not use in ponds or streams. Do not apply near marshes or other areas where waterfowl breed.

PATENT LICENSE

The principal active ingredient, 2,4,6-trinitrophenol, is a registered trademark of the International Patent & Chemical Company, Inc., New York, N.Y. Methyl and the para-nitro group are registered trademarks of the International Patent & Chemical Company, Inc., New York, N.Y. The para-nitro group is a registered trademark of the International Patent & Chemical Company, Inc., New York, N.Y. The 2,4,6-trinitrophenol group is a registered trademark of the International Patent & Chemical Company, Inc., New York, N.Y. The 2,4,6-trinitrophenol group is a registered trademark of the International Patent & Chemical Company, Inc., New York, N.Y. The 2,4,6-trinitrophenol group is a registered trademark of the International Patent & Chemical Company, Inc., New York, N.Y.

NOTICE—This is a restricted use pesticide. It may be used only by persons who are registered with the state or federal government. It may be used only for the purposes specified on the label. It may not be used for any other purpose. It may not be used in any area where it is prohibited by law. It may not be used in any area where it is prohibited by local, state, or federal government. It may not be used in any area where it is prohibited by any other authority.

Manufactured by
W. R. GRACE & CO.
AGRICULTURAL PRODUCTS DIVISION
Portland, Oregon
Quincy, Wash. Independence, Ore.

Net weight 80 lbs