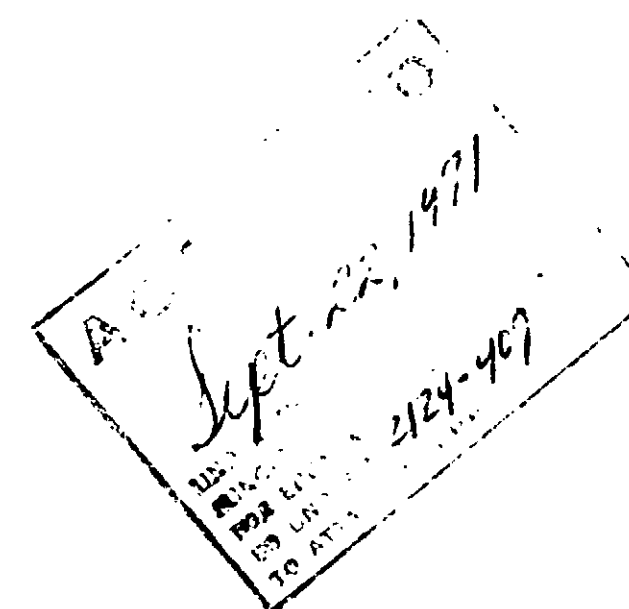


NET WEIGHT 80 LBS.
NURISH® GRANULATED 8-16-16
CONTAINS 0.2% *DI-SYSTON
USDA REG. NO. 2124 - 407



STATEMENT OF INGREDIENTS FOR INSECT CONTROL

ACTIVE INGREDIENT:

O, O-Diethyl S-/2-(ethlthio) ethyl phosphorodithioate*	0.2%
INERT INGREDIENTS	99.8%
TOTAL	100.0%

*DI-SYSTON is Reg. RM in U.S. and Canadian Pat. Offs. by Farbenfabriken
Bayer A.G., Chemagro Corporation licensee, U.S. Patent No.: 2,759,010

STATEMENT OF INGREDIENTS AS PLANT FOOD

Total Nitrogen	8%
Available Phosphoric Acid	16%
Water Soluble Potash	16%
Potential Acidity Equivalent to 400 lbs. of Calcium Carbonate per ton.	

(18-point) WARNING!
(12-point) KEEP OUT OF REACH OF CHILDREN

Poisonous if swallowed, inhaled, or absorbed through the skin. Rapidly absorbed through the skin. Do not get in eyes or on skin. Do not breathe dust. Wear protective clothing and cotton or natural rubber gloves. If cotton gloves are used, they must be laundered or discarded 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 DI-SYSTON Fertilizer Mixture wear a mask or respirator of a type approved by the U. S. Department of Agriculture for DI-SYSTON protection. Do not contaminate feed and food-stuffs. Keep all unprotected persons out of the operating area or vicinity. Wash

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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 poisoning call a physician immediately. Have patient lie down and keep quiet. If swallowed, induce vomiting by giving a tablespoonful of salt in a glass of warm water. Administer milk or water freely and again induce vomiting until fluid is clear. If on skin, remove contaminated clothing and wash skin immediately with soap and warm water. If eyes are contaminated, wash with flowing water for at least 15 minutes.

ANTIDOTE: Administer atropine sulfate in large therapeutic doses. 2-PAM is also antidotal and may be administered in conjunction with atropine. Repeat as necessary to the point of tolerance.

TO PHYSICIAN: Compound inhibits cholinesterase resulting in stimulation of the central nervous system, the parasympathetic nervous system, and the somatic motor nerves. Do not give morphine. Watch for pulmonary edema, which may develop in serious cases of poisoning even after 12 hours. At first sign of pulmonary edema, the patient should be placed in an oxygen tent and treated symptomatically. This product is poisonous to fish and wildlife. Birds feeding on treated areas may be killed. Keep out of lakes, ponds, and streams. Do not contaminate water by cleaning of equipment or disposal of wastes. 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

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extreme caution and stay well away from smoke. Do not use container in connection with feed, food or drinking water.

Not for use or storage in or around the home.

The principle active ingredient of this product is patented under U.S. Patent No. 2,759,010 and Canadian Patent No. 518,967 of Chemagro Corporation, Kansas City, Missouri, and the purchase includes a limited license under said patents to use or reformulate the product only in the manner provided by the recommended applications on the present label. The purchaser obligates itself to notify Chemagro Corporation of any proposed use or reformulation of such licensed product not provided by said recommended applications, and to obtain Chemagro's approval in writing before making any such use or reformulation of the licensed product. Any use, or reformulation intended for use, of the licensed product in the home and garden field is specifically prohibited by said license.

RECOMMENDED DI-SYSTON APPLICATIONS

IMPORTANT: When used on Tomatoes, or Beans at the maximum recommended rates under adverse conditions such as extremely cool and wet or extremely dry weather, DI-SYSTON may cause some delay in emergence, stunting of seedlings, or reduction of stand. Such damage may 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.

DIRECTIONS FOR USE

DI-SYSTON is a systemic insecticide entering the plant by absorption through the roots. The insecticide placed near the roots is translocated to all parts of the

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plant and kills sucking insects feeding on the plant. The active ingredient ²¹²⁴⁻⁴⁰⁷ is released slowly giving long protection during the plant's susceptible early life.

VEGETABLES:

BEANS: To control Aphids, Leafhoppers, Mexican bean beetle (Larvae), Mites and Thrips, apply at the rate of 500 - 1000 lbs. (1 to 2 lbs. actual DI-SYSTON) per 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 above at planting time or 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 once per season. Read "IMPORTANT" statement under "Recommended DI-SYSTON Applications" for additional information before use 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 500 lbs. (1 lb. actual DI-SYSTON) 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 twice per season, nor within 30 days of harvest for Brussels Sprouts, or 40 days of harvest for Cauliflower. Allow a minimum of 21 days between applications.

BROCCOLI AND CABBAGE: To control Aphids, Flea beetles, Leafhoppers on Broccoli and Aphids, Flea beetles on Cabbage apply 500 lbs. (1 lb. actual DI-SYSTON) per acre. To control Root aphid on Cabbage apply 750 lbs. (1 1/2 lbs.

actual DI-SYSTON) 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 (except Tuber flea beetles), Leafhoppers, Potato psyllid, Colorado potato beetle (early season reduction), Southern potato wireworm, apply at the rate of 1000 - 1500 lbs. (2 to 3 lbs. actual DI-SYSTON) per acre. Apply specified dosage per acre in the furrow or in a band on each side of the seed furrow at planting or as a side-dressing fertilizer after plants become established. Do not make more than two (2) applications per season. 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 DI-SYSTON) 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 on Tomatoes, apply 500-1500 lbs. (1 to 3 lbs. actual DI-SYSTON) 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

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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 use on this crop.

FIELD CROPS:

ALFALFA: To control Aphids and Mites apply at the rate of 500 lbs. (1 lb. actual DI-SYSTON) per acre. Apply specified dosage per acre by broadcast as needed. Allow a minimum time of 28 days between applications.

BARLEY AND OATS: To control Aphids and Mites, apply at the rate of 500 lbs. (1 lb. actual DI-SYSTON) per acre. Apply specified dosage per acre. Apply specified dosage per acre by drilling or broadcast at planting time, or as a broadcast after emergence. Do not apply more than twice per season nor within 60 days of harvest. Allow a minimum of 21 days between applications. Do not graze or cut for forage within 30 days of treatment.

CORN: To control Rootworms, apply at the rate of 500 lbs. (1 lb. actual DI-SYSTON) per acre. Apply specified dosage per acre at planting time in the starter fertilizer. Do not harvest treated corn for food, feed or ensilage within 100 days of treatment.

WHEAT: (Fall) To control Hessian Fly, apply at the rate of 500 lbs. (1 lb. actual DI-SYSTON) per acre. Apply specified dosage per acre by drilling or broadcast at planting time in the fall.

NOTICE: Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals not specifically recommended,

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and other influencing factors in the use of this product are beyond the control of the seller. Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herewith.

W. R. GRACE & CO.
AGRICULTURAL CHEMICALS
MEMPHIS, TENNESSEE

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