

Container Disposal (bag): Do not reuse bag. Discard bag in trash.

or

(container): Do not reuse empty container. Rinse thoroughly before discarding in trash.

d. This is a homeowner use product, *Therefore delete all dosages giving rate* ~~and therefore there is no need for pounds per acre directions. Please delete.~~

for pounds/acre. Delete the labeling not the container size supports

3. The following information pertains to chemistry:

- a. Please resubmit a new Confidential Statement of Formula (copy enclosed) that includes both upper and lower certified limits.
- b. You did not submit nor reference a storage stability data. You must submit such data within fourteen (14) months from the date of this registration.

4. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

George T. LaRocca
Product Manager (15)
Insecticide-Rodenticide Branch
Registration Division (TS-767C)

Enclosures

BEST AVAILABLE COPY

Ford's

ACCUMULATED
with COMMENTS
in EPA Letter Dated:

AUG 31 1987

COMFILE B:10DISYSN.LAB
EPA FILE SYMBOL 10370-

Under the Federal Fungicide, OF 4
Herbicide, and Rodenticide Act
as amended, for the possible
registration under EPA Reg. No.

10370-105

(R)

DI - SYSTON 2% GRANULAR

A SYSTEMIC INSECTICIDE FOR USE IN THE SOIL OF POTTED HOUSEPLANTS
AND AS A SOIL APPLICATION FOR VEGETABLES, FLOWERS AND ORNAMENTAL SHRUBS.

FOR THE CONTROL OF APHIDS, MITES, LEAFHOPPERS, LEAFMINERS
THRIPS AND OTHER INSECTS AS LISTED.

ACTIVE INGREDIENT: *

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✓ Dithion

O,O,-Diethyl S-[2-(ethylthio)-
ethyl] phosphordithioate 2.0%
INERT INGREDIENTS: 98.0%
Total 100.0%

(R)

DI-SYSTON is a Reg. T.M. of the parent company of Farbenfabriken Bayer,
GmbH, Leverkusen.

KEEP OUT OF REACH OF CHILDREN

W A R N I N G

STATEMENTS OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center immediately. Induce vomiting by giving victim 1 or 2 glasses of water and touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person.

IF IN EYES: Flush eyes with plenty of water. Get medical attention immediately.

IF ON SKIN: Remove contaminated clothing and wash affected area with soap and water. Get medical attention if irritation persists.

IF INHALED: Remove victim to fresh air and apply artificial respiration if indicated. Get medical attention immediately.

NOTE TO PHYSICIAN: This product is a cholinesterase inhibitor. Atropine Sulfate is antidotal only if signs of cholinesterase inhibition are present. 2-PAM is also antidotal and may be administered in conjunction with atropine

✓ SEE SIDE/BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

EPA REG. NO. 10370-

EPA EST. NO. 10370-TX-1

MANUFACTURED BY

NET CONTENTS (1 Pound; 4 lb. 50 lb.)
Ford's Chemical & Service, Inc.

Ford's

2739 PASADENA BLVD,
PASADENA, TEXAS 77602

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

WARNING: Poisoning may occur as a result of exposure. May be fatal if swallowed. May be absorbed through the skin. Do not breathe dust. Do not get in eyes, on skin or on clothing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and wildlife. Do not apply directly to water or wetlands. Drift and runoff from treated areas may be hazardous to fish in neighboring areas. Do not contaminate water by cleaning of equipment or disposal of wastes. Cover or incorporate spills.

This pesticide is toxic to bees exposed to direct application. Applications should be timed to coincide with periods of minimum bee activity, usually between late evening and early morning.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not plant any food or feed crop in rotation after a field treatment with disulfoton unless it is a registered use for disulfoton found on this label.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. **STORAGE:**

Store product in original container in a cool, dry, locked place out of reach of children. **DISPOSAL:** Do not re-use empty container. *Wrap and place in trash. Do not reuse bag. Discard bag in trash. Post Disp. Security Wrap original container in several layers.*

HOW DI-SYSTON 2% GRANULAR WORKS - WHERE AND HOW TO USE -

DI-SYSTON systemic insecticide enters the plant by absorption through the roots. The insecticide placed near the roots is translocated to all parts of the plant and kills sucking insects feeding on the plant.

The formulation of DI-SYSTON 2% Granular is highly versatile and offers many forms of application. It can be drilled, broadcast, mixed with soil, or banded in the furrow with seeds, bulbs, or transplants. Side-dressings can be applied after plant emergence. Time and method of application and limits for use are discussed in detail for each specific crop under "Remarks" below.

As a pre-plant treatment for ornamental flowers and shrubs, apply granules evenly to seed bed and mix into soil; seeds or transplants are then placed in the normal manner. Established plants may be side-dressed by applying granules uniformly under foliage canopy. Mixing the granules into top soil and watering will assist entry into the plant, as the chemical will leach into the root zone for absorption.

RECOMMENDED APPLICATIONS

CROP	INSECT	DOSAGE DI-SYSTON 2% Granular	REMARKS
<u>VEGETABLES</u>			
Beans	Aphids Leafhoppers Mexican bean beetle (larvae) Mites Thrips	2.5 to 4.5 ounces per 50 feet of row (for any row spacing*) -or- 55 to 100 pounds per acre (30 inch row spacing)	For snap or green Lima beans place granules in a band on each side of the seed furrow at planting time only. For dry beans apply 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 on the seed. Do not apply more than once per season.

RECOMMENDED APPLICATIONS

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CROP	INSECT	DOSAGE DI-SYSTON 2% Granular	REMARKS
Brussels Sprouts	Aphids Leafhoppers Mites Thrips	2 1/2 ounces per 50 feet of row (for any row spacing*) -or- 45 pounds per acre (36 inch row spacing)	Place granules in a band on each side of the seed furrow at planting time, or as a side-dress after emergence. Do not apply directly on the seed. When it is desirable to treat individual plants, apply 1 level teaspoonful DI-SYSTON 2% Granular per plant in the transplant hole. Mix granules with soil in hole prior to setting plant. Do not apply more than twice per season nor within 30 days of harvest for Brussels sprouts or 40 days of harvest for cauliflower.
Cauliflower	Aphids Flea beetles Leafhoppers		
Broccoli	Aphids Leafhoppers	2 1/2 ounces per 50 feet of row (for any row spacing*) -or-	Place granules 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 on the seed. When it is desirable to treat individual plants apply 1 level teaspoonful DI-SYSTON 2% Granular per plant in the transplant hole. Mix granules with soil in hole prior to setting plant. Make only 1 application per season. Do not use within 42 days of harvest for cabbage or 14 days of harvest for broccoli.
Cabbage	Aphids	45 pounds per acre (36 inch row spacing)	
Lettuce	Aphids Leafhoppers Mites Thrips	2 to 3 ounces per 50 feet of row (for any row spacing*) -or- 65 to 100 pounds per acre (20 inch row spacing)	Place granules in a band on each side of the seed furrow at planting time only. Do not apply directly on the seed.
Peas	Aphids Leafhoppers	2 1/2 ounces per 50 feet of row (for any row spacing*) -or- 90 pounds per acre (18 inch row spacing)	Place granules in a band on each side of the seed furrow at planting time only. Do not apply directly on the seed.
Potatoes	Aphids Flea beetles Leafhoppers Potato psyllid	6 to 9 ounces per 50 feet of row (for any row spacing*) -or- 100 to 150 pounds per acre (38 inch row spacing)	Place granules in the seed furrow at planting or by side-dress, either alone or with fertilizer. Do not apply within 75 days of harvest.
Spinach	Aphids Leafhoppers Leaf miners Mites Thrips	1 1/2 ounce per 50 feet of row (for any row spacing*) -or- 50 pounds per acre (20 inch row spacing)	Place granules in a band on each side of the seed furrow at planting time only. Do not apply directly on the seed.

RECOMMENDED APPLICATIONS
(Continued)

CROP	INSECT	DOSAGE DI-SYSTON 2% Granular	REMARKS
<u>VEGETABLES</u>	(Continued)		
Tomatoes	Aphids Flea beetles Leafhoppers Leaf miners Mites	6 to 9 ounces per 50 feet of row (for any row spacing*) -or- 100 to 150 pounds per acre (38 inch row spacing)	Apply in a band on each side of the seed furrow at planting time only. Do not apply directly on the seed. When it is desirable to treat individual plants, apply 2 level teaspoonfuls DI-SYSTON 2% Granular per plant in the transplant hole. Mix granules with soil in hole prior to setting plant. If 2 applications are needed, use only 6 ounces per 50 feet of row per treatment applied in a band on each side of the seed furrow at planting time and as a side-dress after emergence. Do not apply within 30 days of harvest.
<u>ORNAMENTALS</u>			
Flowers	Aphids Lace bug Leafhoppers Mites Thrips White flies	8 to 16 ounces per 30 feet of row (for any row spacing*)	Apply specified dosage in the furrow or as a band over the row. Work into soil and water thoroughly. The higher dosages are recommended for heavy organic or muck soil. For bedding plants apply 16 ounces of 2% Granular per 200 square feet worked into soil before planting or as a broadcast treatment after plants are established. Repeat applications at 4- to 6-week intervals if necessary. For application to potted plants including houseplants, use 1 rounded teaspoonful DI-SYSTON 2% Granular per 6-inch pot. Mix thoroughly with soil and drench with water.
Shrubs	Aphids Birch leaf miner Camellia scale Holly leaf miner Lace bug Leafhoppers Mimosa webworm Mites Pine tip moth Soft Scale (Coccus hesperidium Tea scale Thrips White flies	(See Remarks)	Apply 2 to 4 rounded tablespoonfuls per foot of shrub height. For shrubs 1-3 feet tall apply the lower rate and on plants 3-6 feet in height apply the higher rate. Distribute granules uniformly under the shrub canopy, work into the soil, and water thoroughly. Repeat applications at 4- to 6-week intervals if necessary.

*ON ROW CROPS WHERE ROW SPACING IS EXTREMELY NARROW, DO NOT PLACE TREATED ZONES (BAND OR FURROW) CLOSER TOGETHER THAN 6 INCHES.