

NOV 9 1994

Scott Anderson
11/7

Dr. James A. Armbruster
PBI/Gordon Corporation (Paine Division)
P.O. Box 014090
1217 West 12th Street
Kansas City, MO 64101

Dear Dr. Armbruster:

Subject: Amendment-Label
Response to Disulfuton Registration Standard, 1984
Systemic Insecticide Contains Di-Syston
EPA Registration No. 33955-489
Your Submission dated July 27, 1994

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below. Five copies of the finished labeling must be submitted prior to releasing the product for shipment. A stamped copy of the label is enclosed for your records.

1. Under "Environmental Hazards" delete the statement shown below after "do not apply directly to water"

.....or to areas where surface water is present or to intertidal areas below the mean high water mark.

Sincerely yours,

George T. LaRocca
Product Manager (13)
Insecticide-Rodenticide Branch
Registration Division (7505C)

Enclosure:

CONCURRENCES

SYMBOL								
SURNAME	SLW							
DATE	10/4/94							

Master Name: SYSTEMIC INSECTICIDE CONTAINS DI-SYSTON®

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Brand Name: **ACME® ROSE, FLOWER, SHRUB FOOD**
WITH SYSTEMIC INSECTICIDE 8-8-8 PLANT FOOD.

kills sucking insects - feeds plants

Contains DI-SYSTON®

Insecticide is taken up by roots and moves in the sap stream to all parts of the plant (Systemic Action)...Even new growth!

6 WEEK ALL WEATHER PROTECTION AGAINST APHIDS, LEAFHOPPERS, SPIDER MITES, THRIPS AND CERTAIN OTHER INSECTS

ACTIVE INGREDIENT

Disulfoton: O,O-diethyl S-[2-(ethylthio)ethyl]phosphorodithioate* 1%

INERT INGREDIENTS 99%

TOTAL 100%

*DI-SYSTON® is a registered trademark of the Parent Company of Farbenfabriken Bayer GmbH, Leverkusen

KEEP OUT OF REACH OF CHILDREN

WARNING

See side panels for Statement of Practical Treatment and additional precautionary statements.

Total Nitrogen (N), Min.8%

5.1% Ammoniacal Nitrogen

0.9% Nitrate Nitrogen

1.4% Water Insoluble Organic Nitrogen

0.6% Other Water Soluble Nitrogen

Available phosphate (P₂O₅)8%

Soluble potash (K₂O).....8%

Nitrogen derived from Ammoniated Superphosphate, Urea, Urea formaldehyde and Ammonium Sulfate

Available Phosphate derived from Superphosphate and Triple Superphosphate.

Soluble Potash derived from Muriate of Potash and Sulfate of Potash Magnesia.

Potential Acidity 500 lbs. calcium carbonate equivalent per ton.

NET WEIGHT FIVE POUNDS

558/794 AP072794

EPA REG. NO. 33955-489

EPA EST. NO. 2217-KS-2

Distributed by Acme Division

PBI/GORDON CORPORATION

KANSAS CITY, MISSOURI 64101

ACCEPTED
with COMMENTS
in EPA Letter Dated

APR 9 1989

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the use as registered under EPA's

33955-489

STOP! READ THE ENTIRE LABEL FIRST. OBSERVE ALL PRECAUTIONS
AND FOLLOW DIRECTIONS CAREFULLY.

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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 skin. Do not breathe dust. Do not get into eyes, on skin, or clothing. Do not contaminate food or feedstuffs. Wash thoroughly after handling and before eating or smoking. Food utensils such as spoons or measuring cups are not to be used for food purposes after use with any pesticide. Keep children and pets off treated areas until the material is worked into the soil and application site has completely dried.

Statement of Practical Treatment

IF SWALLOWED: Vomiting is to be induced immediately. Administer milk or water freely and induce vomiting by giving one dose (½ ounce) syrup of ipecac. If vomiting does not occur within 10 to 20 minutes, administer a second dose. If syrup of ipecac is not available, induce vomiting by touching back of throat with a finger. **CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY.** Do not induce vomiting or give anything by mouth to an unconscious person.

IF IN EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician at once.

IF INHALED: Remove victim to fresh air and apply respiration if indicated.

IF ON SKIN: Wash promptly with soap and water. Rinse thoroughly.

NOTE TO PHYSICIAN: ANTIDOTE- Atropine sulfate, 2-PAM is also antidotal and may be administered in conjunction with atropine.

Environmental Hazards: This pesticide is toxic to fish and wildlife. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to fish in neighboring areas. Do not contaminate water when disposing of equipment washwaters. 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 evenings and early morning.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

STORAGE & DISPOSAL

STORAGE: Do not store near food or feedstuffs. Do not store near fertilizers, seeds, insecticides or fungicides. Store in original container and place in locked storage area when not using.

PRODUCT DISPOSAL: Securely wrap original container in several layers of newspaper and discard in trash.

CONTAINER DISPOSAL: Do not reuse empty can. Discard in trash.

HOW ACME ROSE, FLOWER, SHRUB FOOD WITH SYSTEMIC WORKS

ACME ROSE, FLOWER, SHRUB FOOD WITH SYSTEMIC INSECTICIDE is a plant food for rose feeding combined with a highly effective systemic insecticide. When applied according to directions, this product will provide the proper amount of plant food and systemic insecticide necessary to maintain strong, healthy roses by reducing the damage normally caused by sucking insects (aphids, leafhoppers, spider mites, thrips) and certain chewing insects. The insecticide is taken up by the roots and moves in the sap stream to all parts of the plant (systemic action)-even into the new growth.

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WHEN TO USE ACME ROSE, FLOWER, SHRUB FOOD WITH SYSTEMIC INSECTICIDE

Apply when plants have about 1 inch of new growth in the spring and at 6-week intervals through the summer, this product will provide the proper amount of plant nutrients to maintain strong healthy plants. Each application will give at least 6-weeks control of the pests listed.

When used as directed, ACME ROSE, FLOWER, SHRUB FOOD with SYSTEMIC INSECTICIDE will control these insects on roses, shrubs, and flowers.

- | | |
|------------------|----------------|
| Aphids | Mimosa Webworm |
| Birch leaf miner | Pine tip moth |
| Hollyleaf miner | Spider mites |
| Lacebug | Thrips |
| Leafhoppers | Whiteflies |

In addition to controlling insects for 6 weeks, ACME ROSE, FLOWER, SHRUB FOOD with SYSTEMIC INSECTICIDE provides your roses with the proper amount of plant food necessary to maintain strong, healthy plants.

First carefully read warnings and directions for use!

~~ON ESTABLISHED ROSES: For established plants, spread one cup (5 level tablespoonfuls) of ACME ROSE, FLOWER, SHRUB FOOD with SYSTEMIC INSECTICIDE evenly around the base of each plant and work into 1 to 2 inches of soil. Water thoroughly.~~

~~WHEN PLANTING NEW BUSHES: Place 2 1/2 level tablespoonfuls of product in the transplant hole with the soil as you fill. Mix an additional 2 1/2 level tablespoonfuls of product in the top 2 inches of soil. Water thoroughly. Do not apply additional fertilizer for about 6 weeks.~~

~~ON FLOWERS, BULBS, AND BEDDING PLANTS: Apply 2 pounds of ACME ROSE, FLOWER, SHRUB FOOD with SYSTEMIC INSECTICIDE per each 100 square feet (5 by 20 feet) of bed area. Work into top 1 to 2 inches of soil. Plant seed or set plants and water thoroughly. Do not apply additional fertilizer for about 6 weeks.~~

~~ON POTTED PLANTS: Apply 1 level teaspoonful of product per 6 inch pot by punching a number of small holes into the pot soil with a pencil. Pour granules into the holes and thoroughly water the plants.~~

~~ON ORNAMENTAL SHRUBS: Apply 1 cup (4 ounces) of ACME ROSE, FLOWER, SHRUB FOOD with SYSTEMIC INSECTICIDE for each foot of shrub height. Distribute the required amount evenly from the base to the drip line on all sides of the plant. Work into the top 1 to 2 inches of soil and water thoroughly.~~

Ornamentals	Application Schedule	Amounts of Product to Apply	Remarks
Herbaceous Plants (Flowers, Bulbs, and Bedding Plants)	At Planting	5 teaspoons per 100 square feet	Apply evenly to seedbed and incorporate into the top 1 to 3 inches of soil. Plant seed or set plants and water thoroughly. Do not apply additional fertilizer for about 6 weeks.
	Established Plants	1 teaspoon per plant	Apply uniformly to the soil and around the base of established plants. Incorporate into top soil and water thoroughly after the application.
Roses	At Planting	1/4 teaspoon per plant	Divide the amount and apply to the bottom of hole and the remainder to the top 2 inches of soil. Water thoroughly.
	Established Roses, (Polyantha and Hybrid Tea Roses)	1/4 teaspoon per plant	Apply uniformly to the soil and around the base of established plants. Incorporate into top soil and water thoroughly after the application.
	Bush Roses	1/4 teaspoon per plant	Apply when 1 inch of growth appears in the spring. Repeat at 42 day intervals if needed.
	Climbing Roses	1/2 teaspoon per plant	
Ornamental Woody Shrubs	Established Plants Height of 1 to 3 feet	1/4 teaspoon per foot of growth	Apply specific amounts per foot of shrub height. Distribute granules evenly under the shrub canopy and incorporate into top 1 to 2 inches of soil. Water thoroughly. Repeat application at 28 to 42 days if necessary.
	Established Plants Height of 3 to 6 feet	1/2 teaspoon per foot of growth	
	Established Plants Height of 6 to 12 feet	3/4 teaspoon per foot of growth	
Potted Plants (Houseplants)		1 teaspoon per 6 inch pot	Thoroughly mix with soil and drench with water.
Equivalent Measures:	1 teaspoon of product weighs 0.17 ounces (4.82 grams) and contains 0.0482 grams of active ingredient. 1 ounce of product = approximately 6 teaspoons.		

LIMITED WARRANTY AND DISCLAIMER.

The manufacturer warrants only that the chemical composition of this product conforms to the ingredient statement given on the label, and that the product is reasonably suited for the labeled use when applied according to the Directions for Use.

THE MANUFACTURER NEITHER MAKES NOR INTENDS ANY OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE EXPRESSLY DISCLAIMED. This limited warranty does not extend to the use of the product inconsistent with label instructions, warnings or cautions, or to use of the product under abnormal conditions such as drought, excessive rainfall, tornadoes, hurricanes, etc. These factors are beyond the control of the manufacturer or the seller. Any damages arising from a breach of the manufacturer's warranty shall be limited to direct damages, and shall not include indirect or consequential damages such as loss of profits or values, except as otherwise provided by law.

The terms of this Limited Warranty and Disclaimer cannot be varied by any written or verbal statements or agreements. No employee or agent of the seller is authorized to vary or exceed the terms of this Limited Warranty and Disclaimer in any manner.