

Yellow

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656 / 16234
177 / 2,3

APR 4 1985

Mr. Charles H. Svec
Pratt Gabriel Division
Miller Chemical and Fertilizer Corporation
P.O. Box 333, Radio Road
Hanover, PA 17331

Dear Mr. Svec:

Subject: Amendment - Reregistration of Product Containing
Disulfoton
Pratt Nocate systemic Insecticide Granular
EPA Registration No. 904-138
Your Applications Dated March 12, April 10, and
December 9, 1985

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable provided that you make the labeling changes indicated below prior to release for shipment of product bearing the amended labeling.

1. The common name "Disulfoton" should precede the chemical name in the ingredients statements.

2. Change the Note to Physician to:

Note to Physician: Disulfoton is an organophosphate insecticide. If symptoms of cholinesterase inhibition are present, atropine by injection is antidotal. 2-PAM is also antidotal and may be administered, but only in conjunction with atropine.

3. To the If Inhaled statement add "Apply artificial respiration if indicated."

4. Update the Environmental Hazards statement by changing "by cleaning of equipment or disposal of wastes" to "when disposing of equipment washwaters."

5. The Re-entry paragraph plus the following paragraph regarding crop rotation may be deleted since these statements pertain to agricultural use.

6. You may delete the bee statement since this type of product (granular) and method of application (soil) would not justify such a statement.

Richards

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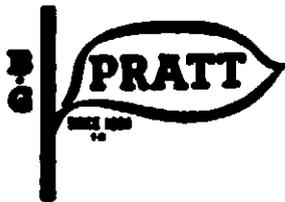
We need the upper and lower Certified Limits of all ingredients on the Confidential Statement of Formula (CSF). Also fill in item #7, lbs/cubic feet, on the CSF.

Submit five (5) copies of your final printed labeling before you release the product for shipment.

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

Sincerely yours,

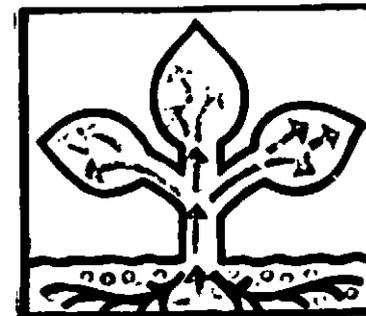
George T. LaRocca
Product Manager 15
Insecticide-Rodenticide Branch
Registration Division (H7505C)



NOCULATE®

SYSTEMIC INSECTICIDE GRANULAR

FOR • ROSES • SHRUBS • FLOWERS



ACTIVE INGREDIENT:

0,0-Diethyl S-[2-(ethylthio)ethyl] phosphorodithioate*.....

BY WEIGHT

1%

INERT INGREDIENTS:.....

99%

TOTAL.....

100%

DI-SYSTON® - is a Registered Trademark of, Farbenfabriken Bayer A.G.

U.S. Patent No. 2,759,010

Canadian Patent No. 518,967

EPA Reg. No. 904-138

EPA Est. No. 72-PA-1

KEEP OUT OF REACH OF CHILDREN

WARNING

AVISO

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta haya sido explicado ampliamente.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Drink one or two glasses of water and induce vomiting by touching back of throat with finger. Repeat until vomit fluid is clear. Call a physician or Poison Control Center. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person.

IF INHALED: Remove from exposure. Have victim lie down and keep quiet.

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

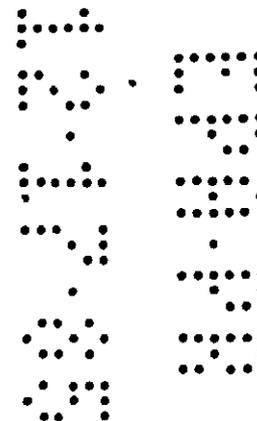
IF ON SKIN: Remove contaminated clothing. Wash affected area with soap and water. Launder clothes before reusing.

NOTE TO PHYSICIAN: If symptoms of cholinesterase inhibition are present, atropine sulfate is antidotal. 2-PAM is also antidotal and may be administered in conjunction with atropine.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

Pratt-Gabriel Division
MILLER CHEMICAL & FERTILIZER CORPORATION
Hanover, Pennsylvania 17331

NET WEIGHT: 4 OUNCES
8 OUNCES
1 POUND
2 POUNDS
3 POUNDS



1/30/70
WILL CO. 10/1/70
in EPAL 10/1/70

904-138

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS: WARNING--May be fatal if swallowed. May be absorbed through the skin. Do not get in eyes, on skin or clothing. Do not breathe dust. Wear rubber gloves and long-sleeved work clothing when handling and applying this product. Wash thoroughly with soap and water after handling and before eating and smoking. Keep children and pets off treated areas until material has been worked into the soil. Do not make broadcast applications to lawns. Food utensils such as a teaspoon or measuring cup should not be used for food after use with pesticides.

ENVIRONMENTAL HAZARD

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.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. STORAGE: Store in tightly closed, original container in a locked area away from children and domestic animals. Do not reuse empty container. For Disposal, securely wrap original container in several layers of newspaper and discard in trash.

RE-ENTRY AND ADDITIONAL APPLICATION RESTRICTIONS REQUIRING HAND LABOR TASKS

Do not allow re-entry into treated fields within 24 hours of application unless appropriate protective clothing is worn.

DIRECTIONS FOR USE ON AGRICULTURAL CROPS REQUIRING FARMWORKER HAND LABOR TASKS

Do not plant any food or feed crop in rotation after a field treatment with disulfoton unless it is a registered use for disulfoton.

DIRECTIONS

Apply the ready-to-use granules uniformly (see RECOMMENDED APPLICATIONS) to the soil around the base of the plant. Mix the granules into the top soil, then water. The chemical, released from the granules, will leach into the root zone and be absorbed into the plant. The granules can also be scattered over planting beds and mixed into the top soil before sowing seed or setting bulbs or transplants. Additional applications of NOCULATE SYSTEMIC INSECTICIDE can be made as needed to maintain insect control after the plants start to grow.

HOW INSECTS ARE KILLED

Protects plants, such as Roses, Chrysanthemums, Azaleas, Pyracantha, Spirea, Birch, and other flowers and shrubs from damage by Aphids, Spider Mites, Thrips, Leaf Miners, Whiteflies, Lace Bugs, Leafhoppers, and certain other pests.

NOCULATE SYSTEMIC INSECTICIDE enters a plant through its roots (systemic action) and is then moved to all parts of the plant through natural growth and sap flow. Working from inside of the plant, it kills sucking insects that feed on the plant.

BEST AVAILABLE COPY

RECOMMENDED APPLICATIONS

FOR FLOWERS	TO CONTROL	AMOUNT TO USE
<p>Ageratum Calendula Carnation Chrysanthemum Delphinium Petunia and other flowers</p>	<p>Aphids (plant lice) Lace Bug Leafhoppers Spider Mites Thrips Whiteflies</p>	<p>BEFORE PLANTING: Apply one pound evenly over 200 sq. ft. (10 x 20 ft.) of bed area and work into the top 2-3 inches of soil. Sow seed or set plants and water thoroughly. SEEDING PLANTS: For individual plants: Apply 2 rounded teaspoons around base of plant, work into soil and water thoroughly. FOR FLOWERS IN A ROW: Apply 2 rounded teaspoons per foot of row in a narrow band near base of plants. Work into top soil and water thoroughly. Repeat application at 4-6 week intervals if insects reappear. POTTED PLANTS: Apply 2 rounded teaspoons per 6-inch pot. Mix thoroughly in top soil and drench with water.</p>
FOR SHRUBS	TO CONTROL	AMOUNT TO USE
<p>Azalea Birch Camellia Euonymus Morone locust Pine Rhododendron Rose Yew and other shrubs</p>	<p>Lace Bug Aphids (plant lice) Birch Leaf Miner Holly Leaf Miner Leafhoppers Mimosa Webworm Spider Mites Pine Tip Moth Thrips Whiteflies</p>	<p>Apply 4-8 rounded tablespoons per foot of shrub height. Use the lower rate for shrubs up to 3 ft. and the higher rate for shrubs from 3-6 ft. in height. (For shrubs over 6 ft. in height use MOCULATE Systemic Spray according to label directions.) Distribute the required amount evenly from the base of shrub to the drip line on all sides of the plant. Work into the top 1-2 inches of soil and water thoroughly. Repeat application at 4-6 week intervals if required.</p>

LIMITED WARRANTY: Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herewith.

Yellow

APR 4 1985

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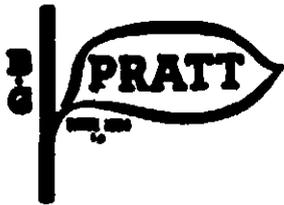
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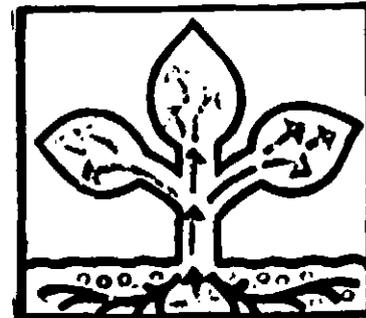
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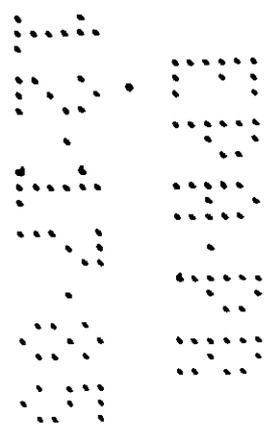
NET WEIGHT: 4 OUNCES
8 OUNCES
1 POUND
2 POUNDS
3 POUNDS

ACCEPTED
with COMMENTS
by EPA Letter Patent

APR 4 1968

Under the Federal Insecticide, Fungicide, and Rodenticide Act, 26 USC 1601-1660, the following pesticide is registered for sale and use in the United States:

904-138



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FOR SHRUBS	TO CONTROL	AMOUNT TO USE
Azalea Birch Camellia Euonymus Morone locust Pine Rhododendron Roses Yew and other shrubs	Lace Bug Aphids (plant lice) Birch Leaf Miner Holly Leaf Miner Leafhoppers Mimos. worm Spider M. Pine Tip Moth Thrips Whiteflies	<p>Apply 4-8 rounded tablespoonfuls per foot of shrub height. Use the lower rate for shrubs up to 3 ft. and the higher rate for shrubs from 3-6 ft. in height. (For shrubs over 6 ft. in height use NOCULATE Systemic Spray according to label directions.) Distribute the required amount evenly from the base of shrub to the drip line on all sides of the plant. Work into the top 1-2 inches of soil and water thoroughly. Repeat application at 4-6 week intervals if required.</p>

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