

28293-277

7-17-1996

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:

Date of Issuance:

28293-
277

17 JUL 1996

NOTICE OF PESTICIDE:
 x Registration
 Reregistration

Term of Issuance: Conditional

Name of Pesticide Product:
Unicorn Systemic
Insecticide Granules

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Unicorn Laboratories
13535 Feather Sound Drive, Suite 400
Clearwater, FL 34622-5587

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. Make the following label changes:
 - a. Revise the EPA Registration Number to read, "EPA Reg. No. 28293-277".
 - b. Move the Storage and Disposal section so that it is included in the Directions for Use.
 - c. Add the following exclusionary statement to your label:

"Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes or climatic modification and being grown in interior plantscapes, ornamental gardens or parks, or on golf courses or lawns or grounds".

Signature of Approving Official:

Date:

CONCURRENCES

SYMBOL							
SURNAME	<i>[Signature]</i>						
DATE	7/22/96						

3. Submit two copies of the revised final printed label for the record. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 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 (13)
Insecticide-Rodenticide Branch
Registration Division (H7505C)

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UNICORN

SYSTEMIC INSECTICIDE GRANULES

FOR ROSES, SHRUBS, FLOWERS

Protects plants, such as roses, chrysanthemums, azaleas, pyracantha, spirea, birch and other flowers and shrubs from damage by aphids, spider mites, thrips, whiteflies, lace bugs, leafhoppers and certain other pests.

ACTIVE INGREDIENT:

Disulfoton (0,0-Diethyl S-[2-(ethylthio) ethyl] phosphorodithioate.....	2.0%
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INERT INGREDIENTS:.....	98.0%
	100.0%

STOP - READ THE LABEL BEFORE USE

KEEP OUT OF REACH OF CHILDREN

WARNING

See Side/Back Panel for Additional Precautionary Statements.

AVISO

PRECAUCION AL USUARIO: Si usted no puede leer o entender inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

(TO THE USER: If you cannot read or understand English, do not use this product until the label has been fully explained to you.)

NET CONTENTS

Manufactured by:
 Unicorn Laboratories
 13535 Feather Sound Drive, Suite 400
 Clearwater, Florida 34622-5587

ACCEPTED
 with COMMENTS
 in EPA Letter Dated

EPA REG. NO. 28293-(p)

EPA EST. NO. 44616-MO-1

17 JUL 1996

Under the Federal Insecticide,
 Fungicide, and Rodenticide Act
 as amended, for the pesticide
 registered under EPA Reg. No.

28293-277

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

WARNING: May be fatal if swallowed or inhaled. Rapidly absorbed through skin. Do not breathe dust. Do not get in eyes, on skin or clothing. Wear rubber gloves when handling and applying this product. Do not contaminate feed or food. Keep out of reach of children. Wash thoroughly after handling. Keep children and pets off treated areas until product is worked into the soil and the treated areas have dried completely.

Environmental Hazards

This pesticide is toxic to fish and wildlife. Do not apply directly to water, 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 by 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 evening and early morning.

Statement of Practical Treatment

IF SWALLOWED: Vomiting should be induced. Administer water freely and induce vomiting by giving one dose (1/2 oz. or 15 ml.) of syrup of ipecac. If vomiting does not occur within 10 to 20 minutes, administer second dose. Repeat until vomit fluid is clear. Never give anything by mouth to an unconscious person. Have patient lie down and keep quiet. Professional medical assistance should be secured immediately.

IF INHALED: Remove victim to fresh air. Apply artificial respiration if indicated.

IF ON SKIN: Remove contaminated clothing and wash affected areas with soap and water.

IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists.

NOTE TO PHYSICIAN: Disulfoton 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.

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STORAGE AND DISPOSAL

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

STORAGE: Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food and feed. Store in original container and out of the reach of children, preferably in a locked storage area.

DISPOSAL: Do not reuse empty container. Securely wrap original container in several newspapers and put in trash collection.

IN CASE OF SPILL/LEAKAGE: Handle and open container in a manner as to prevent spillage. If the container is leaking or material spilled for any reason or cause, carefully sweep material into a pile. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Dispose of pesticide as directed above. In spill or leak incidents, keep unauthorized people away.

DIRECTIONS FOR USE

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

IMPORTANT: Read these entire Directions and Conditions of Sale before using this product.

NOTE: Not for use in commercial greenhouses and nurseries or on ornamental crops grown for seed.

HOW INSECTS ARE KILLED:

This product 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 the plant, it kills sucking insects that feed on the plant.

HOW TO USE:

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 this product can be made as needed to maintain insect control after the plants start to grow.

RESTRICTIONS

Use this product only in accordance with label directions.

Do not apply broadcast applications to lawns. Food utensils such as teaspoon or measuring cup should not be used for food purposes after use with insecticides.

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RECOMMENDED APPLICATIONS

FOR FLOWERS	TO CONTROL	AMOUNT TO USE
<p>Ageratum Calendula Carnation Chrysanthemum Delphinium Petunia & other flowers</p>	<p>Aphids (plant lice) Lace bug Leafhoppers Spider mites Thrips Whiteflies</p>	<p><u>BEFORE PLANTING:</u> Apply 16 ounces evenly over 200 square feet (10 x 20 ft.) of bed area and work into the top 2 to 3 inches of soil. Sow seed or set plants and water thoroughly.</p> <p><u>GROWING PLANTS:</u></p> <p><u>For Individual Plants:</u> Apply one rounded teaspoonful around base of plant, work into soil and water thoroughly.</p> <p><u>For Flowers in a Row:</u> Apply one rounded teaspoonful per foot of row in a narrow band near base of plants. Work into top soil and water thoroughly. Repeat application at 4 to 6 week intervals if insects reappear.</p>
<p>FOR SHRUBS</p> <p>Azalea Birch Camellia Euonymus Moraine locust Pine Rhododendron Roses Yew & other shrubs</p>	<p>TO CONTROL</p> <p>Aphids (plant lice) Birch leaf miner Camellia scale Holly leaf miner Lace bug Leafhoppers Mimosa webworm Pine tip moth Soft scale (Coccus hesperidium) Spider mites Tea scale Thrips Whiteflies</p>	<p><u>POTTED PLANTS:</u> Apply one rounded teaspoonful per 6-inch pot. Mix thoroughly in top soil and drench with water.</p> <p style="text-align: center;"><u>AMOUNT TO USE</u></p> <p>Apply 2 to 4 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 to 6 ft. in height. 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 to 2 inches of soil and water thoroughly. Repeat application at 4 to 6 week intervals if required.</p>

CONDITIONS OF SALE

The directions on this label were determined through research to be appropriate for the correct use of this product. This product has been tested under different environmental conditions both indoors and outdoors similar to those that are ordinary and customary where the product is to be used. Insufficient control of pests or plant injury may result from the occurrence of extraordinary or unusual conditions, or from failure to follow label directions. In addition, failure to follow label directions may cause injury to animals, man, and damage to environment. Seller offers, and the Buyer accepts and uses this product subject to the conditions that extraordinary or unusual environmental conditions, or failure to follow label directions are beyond the control of Seller and are, therefore, the responsibility of the Buyer.