

7401-323

9/14/2002

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

SEP 14 2002

Ms. Mary Beth Endres
Agent for Voluntary Purchasing Groups, Inc.
Brazos Associates, Inc.
2001 Diamond Ridge Drive
Carrollton, TX 75010-4509

Subject: Amendment - Update First Aid and Disposal Statements/Compliance with Child Resistant Packaging Regulations
Hi-Yield Di-Syston Systemic Insecticide Granules
EPA Registration No. 7401-323
Your Submission Dated March 7, 2002

Dear: Ms. Endres:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable. A stamped copy of the label has been enclosed for your records.

With respect to Child Resistant Packaging (CRP), after review, we have found this information to be acceptable in support of CRP for container sizes associated in the marketing of this product. A copy of our review and the CRP certification have been placed in the product file.

If you have any questions, please contact Dr. William Sproat of my team at 703-308-8587.

Sincerely,

A handwritten signature in black ink, appearing to read "G. LaRocca".

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

7250
Sproat
09/14/02

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[FRONT LABEL PANEL]

Hi-Yield®

Di-Syston® Systemic Insecticide Granules

- Works from inside the plant to kill Aphids, Thrips, Spider Mites, Leaf Hoppers, Rootworms, Leaf Miners, Scales, Colorado Potato Beetles, Flea Beetles, Lace Bugs, Mexican Bean Beetles, Elm Leaf Beetles, Mimosa Webworms, Whiteflies, Pine Tip Moths and Birch Treeminers.
- Protects Vegetables, Trees, Shrubs and Flowers
- For use only in home gardens, ornamental gardens or parks

ACTIVE INGREDIENT:

Disulfoton (0,0-Diethyl S-[2-(ethylthio)-ethyl] phosphorodithioate) 2.0%

INERT INGREDIENTS: 98.0%

TOTAL: 100.0%

STOP - READ THE LABEL BEFORE USE.

KEEP OUT OF REACH OF CHILDREN

WARNING

AVISO

PRECAUCION AL USUARIO: Si usted no puede leer o entender ingles, no use este product hasta que la etiqueta le haya sido explicada empliamente.

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

ACCEPTED
with COMMENTS
in EPA Letter Dated
SEP 14 2002
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
7401-323

See Back/Side Label Panel for Additional Precautionary Statements.

Net Contents _____

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[BACK/SIDE LABEL PANEL]

DIRECTIONS FOR USE

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

Do not contaminate feed or food. Food utensils such as a teaspoon or measuring cup should not be used for food purposes after use with insecticides.

NOTE: Not for use in commercial greenhouses and nurseries; on ornamental crops grown for seed; or in commercial vegetable production or on plants being grown for sale or other commercial use.

IMPORTANT: Read these entire Directions and Conditions of Sale before using Hi-Yield® Di-Syston® Systemic Insecticide Granules.

CONDITIONS OF SALE: THE DIRECTIONS ON THIS LABEL WERE DETERMINED THROUGH RESEARCH TO BE THE DIRECTIONS FOR CORRECT USE OF THIS PRODUCT. THIS PRODUCT HAS BEEN TESTED FOR A RANGE OF WEATHER CONDITIONS SIMILAR TO THOSE WEATHER CONDITIONS THAT ARE ORDINARY AND CUSTOMARY IN THE GEOGRAPHIC WHERE THE PRODUCT IS USED. INSUFFICIENT CONTROL OF PESTS AND/OR INJURY TO THE CROP TO WHICH THE PRODUCT IS APPLIED MAY RESULT FROM THE OCCURRENCE OF EXTRAORDINARY OR UNUSUAL WEATHER, OR FROM FAILURE TO FOLLOW LABEL DIRECTIONS. IN ADDITION, FAILURE TO FOLLOW LABEL DIRECTIONS MAY CAUSE INJURY TO OTHER CROPS, ANIMALS, MAN, OR THE ENVIRONMENT. VPG OFFERS, AND THE BUYER ACCEPTS AND USES, THIS PRODUCT SUBJECT TO THE CONDITIONS THAT EXTRAORDINARY OR UNUSUAL WEATHER, OR FAILURE TO FOLLOW LABEL DIRECTIONS ARE BEYOND THE CONTROL OF VPG AND ARE, THEREFORE, THE RESPONSIBILITY OF THE BUYER.

Hi-Yield® Di-Syston® Systemic Insecticide Granules enters the plant through the roots. The insecticide when placed near the roots, is translocated to all parts of the plant and kills sucking insects feeding on the plant.

The formulation of Hi-Yield® Di-Syston® Systemic Insecticide Granules 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.

[BACK/SIDE LABEL PANEL]

As a pre-plant treatment for ornamental flowers and shrubs, apply granules evenly to seed bed and mix into soil; seed 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.

Keep children and pets off treated areas and do not re-enter treated areas, until product is worked into the soil and the treated areas have dried completely.

RECOMMENDED APPLICATIONS			
CROP	INSECT	DOSAGE DI-SYSTON INSECTICIDE	REMARKS
VEGETABLES Beans	Aphids, Leafhoppers, Mexican bean beetle (larvae), Mites, Thrips	2.5 to 4.5 oz per 50 ft. of row (for any 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. Do not feed vines or hay.
Brussels sprouts	Aphids, Leafhoppers, Mites, Thrips	2½ oz. per 50 ft. of row (for any 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 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		

<p>Broccoli</p>	<p>Aphids, Leafhoppers</p>	<p>2½ oz. per 50 ft. of row (for any row spacing*)</p>	<p>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 teaspoon 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.</p>
<p>Cabbage</p>	<p>Aphids</p>		
<p>Lettuce</p>	<p>Aphids, Leafhoppers, Mites, Thrips</p>	<p>2 to 3 oz. per 50 ft. of row (for any row spacing*)</p>	<p>Place granules in a band on each side of the seed furrow at planting time only. Do not apply directly on the seed.</p>
<p>Peas</p>	<p>Aphids, Leafhoppers</p>	<p>2½ oz. per 50 ft. of row (for any row spacing*)</p>	<p>Place granules in a band on each side of the seed furrow at planting time only. Do not apply directly on the seed. Do not feed vines or hay.</p>
<p>Potatoes</p>	<p>Aphids, Flea beetles, Leafhoppers, Potato psyllid</p>	<p>6 to 9 oz. per 50 ft. of row (for any row spacing*)</p>	<p>Place granules in the seed furrow at planting or by side-dressing, either alone or with fertilizer. Do not apply within 75 days of harvest. Do not mix this product with Phasolone.</p>

<p>ORNAMENTALS Flowers</p>	<p>Aphids, Lace bug, Leafhoppers, Mites, Thrips, Whiteflies</p>	<p>8 to 16 oz. per 30 ft. of row (for any row spacing*)</p>	<p>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 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 applications to potted plants, including houseplants, use 1 rounded teaspoonful per 6-inch pot. Mix thoroughly with soil and drench with water.</p>
<p>Shrubs</p>	<p>Aphids, Birch leafminer, Camellia scale, Holly leafminer, Lace bug, Leafhoppers, Mimosa webworm, Mites, Pine tip moth, Soft Scale (Coccus hoseridium), Tea scale, Thrips, Whiteflies</p>	<p>(See remarks)</p>	<p>Apply 2 to 4 rounded tablespoonfuls per foot of shrub height. For shrubs 1 to 3 feet tall, apply the lower rate and on plants 3 to 6 feet in height, apply the higher rate. Distribute the granules uniformly under the shrub canopy, work into the soil, and water thoroughly. Repeat applications at 4 to 6 week intervals if necessary.</p>

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

STORAGE AND DISPOSAL

STORAGE: Keep out of reach of children and pets. Store in original containers only. Store in cool, dry place and avoid excess heat.

DISPOSAL: If empty: Do not reuse this container. Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

[BACK/SIDE LABEL PANEL]

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

WARNING: May be fatal if swallowed or absorbed through skin. Causes moderate eye irritation. Do not get in eyes, on skin, or on clothing. Wear long-sleeved shirt and long pants, socks, waterproof footwear, and gloves. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Remove contaminated clothing and wash clothing before reuse.

FIRST AID	
If swallowed	<ul style="list-style-type: none"> • Call poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
<p>NOTE TO PHYSICIAN: Disulfoton is an organophosphate insecticide. If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is antidotal. 2-PAM is also antidotal and may be administered, but only in conjunction with atropine. Questions? 1-800-424-9300</p>	

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 cleaning equipment or 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 evening and early morning.

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

VOLUNTARY PURCHASING GROUPS, INC.
P.O. BOX 460
BONHAM, TX 75418

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