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PM03

3125-126

2/17/99

FEB 17 1999

John S. Thornton
 Director, Product Registrations
 and Regulatory Affairs
 Bayer Corporation
 Agriculture Division
 8400 Hawthorn Road
 P.O. Box 4913
 Kansas City, MO 64120-0013

Subject: Amendment - Label: Deletion of Use on Lettuce
 Di-Syston 2% Granular Systemic Insecticide
 EPA Registration No. 3125-83

Di-Syston Systemic Insecticide for Vegetables
 EPA Registration No. 3125-126

Di-Syston 15% Granular Systemic Insecticide
 EPA Registration No. 3125-172

Your submissions dated March 20, 1998

Dear Mr. Thornton:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable subject to the comments listed below. Stamped copies of the labeling is enclosed for your records.

Di-Syston 2% Granular Systemic Insecticide
 EPA Registration No. 3125-83

- Delete the phrase: "For terrestrial uses," from the beginning of the second sentence under Environmental Hazards. Refer to PR Notice 93-8.

CONCURRENCES

SYMBOL	7505C							
SURNAME	Sprout							
DATE	2/17/99							

- 2. Revise the statement: "The dispose of ...by burning" to read "Then dispose of empty bag in a sanitary landfill or by incineration, or if allowed by State and local authorities, by burning."under Container Disposal (Except Households)

Di-Syston Systemic Insecticide for Vegetables
 EPA Registration No. 3125-126

- 1. As indicated above, delete the phrase: "For terrestrial uses,"from the beginning of the second sentence under Environmental Hazards
- 2. Delete "Do not apply broadcast applications to lawns"under Restrictions. This product is not approved for use on lawns.

Di-Syston 15% Granular Systemic Insecticide
 EPA Registration No. 3125-172

- 1. Revise the row spacing rate chart for Di-Syston 15%G to include 12 and 18 inches, at 4.5 and 3.0 Lb 15%G/Acre, respectively, under Recommended Applications for Barley

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

Sincerely,

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

Enclosure

cc: Philip Poli

FEB 17 1999

126-9117.YLD

U.S. LABEL

Base Pre-Reg (9117)

Reason to Issue: To remove lettuce from the label.

Date of Pre-Reg Draft: 03/13/98 (H)

3 of 5

Di-Syston[®] Systemic Insecticide For Vegetables

Protects vegetable plants such as beans, cabbage, lettuce, peas and potatoes from damage by aphids, mites, leafminers, leafhoppers, flea beetles, and certain other pests in home gardens and home greenhouses.

ACTIVE INGREDIENT:

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

INERT INGREDIENTS: 98%
100%

EPA Reg. No. 3125-126

Net Weight: Pounds

**STOP - Read The Label Before Use
KEEP OUT OF REACH OF CHILDREN**

AVISO

WARNING

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.)

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 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.

STATEMENTS 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: Gastric lavage may be indicated if product was taken internally. 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 in conjunction with atropine.

Text being added is highlighted by redlining.

Text being deleted is highlighted by ~~strikeout~~.

Di-Syston Systemic

3125-126

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 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.

DIRECTIONS FOR USE

NOTE: Not for use in commercial greenhouses or nurseries or in commercial vegetable production.

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 DI-SYSTON Systemic Insecticide.

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 AREA 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. BAYER 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 BAYER AND ARE, THEREFORE, THE RESPONSIBILITY OF THE BUYER.

HOW INSECTS ARE KILLED: DI-SYSTON 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 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 near the seed or around the base of the plants at planting time only. Mix the granules into the top soil or below or to one side of the seed furrow, then water. The chemical, released from the granules, will leach into the root zone and be absorbed into the plant or be taken up by the roots as the seed develops into a plant.

RECOMMENDED APPLICATIONS

CROP	INSECT	REMARKS
VEGETABLES Beans Lettuce	Aphids Leafhoppers Mexican bean beetle (larvae) Mites Thrips	Apply 3 oz per 50 ft of row either below or to one side of the seed at planting time only. Do not allow seed to come into direct contact with the granules. Do not feed bean vines or hay.
Broccoli Brussels sprouts Cabbage Cauliflower	Aphids Flea beetles Leafhoppers Mites Thrips	In the Seed Furrow: Apply 2 oz per 50 ft of row either below or to one side of the seed. Do not allow seed to come into direct contact with the granules. In the Transplant Hole: Apply 1 level teaspoonful per plant in the transplant hole. Mix granules with soil in hole prior to setting the plant.
Peas	Aphids Leafhoppers Leafminers Mites Thrips	Apply 2 oz per 50 ft of row either below or to one side of the seed at planting time only. Do not allow seed to come into direct contact with the granules. Do not feed pea vines or hay.
Potatoes	Aphids Flea beetles Leafhoppers Potato psyllid	Apply 6 oz per 50 ft of row with seed pieces at planting time only. Do not mix this product with Phosalone.

5 of 5

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.

STORAGE AND DISPOSAL

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

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

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.

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. You may contact the Bayer Emergency Response Team for decontamination procedures or any other assistance that may be necessary. The Bayer Kansas City Emergency Response Telephone No. is 800-414-0244 or contact Chemtrec at 800-424-9300.

