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AUG 22 1988

Ms. Diana G. Williams
P.O. Box 667
Greeley, CO 80632

Dear Ms. Williams:

Subject: Amendment - Labeling and Data Requirements of the Reregistration
Guidance Document on Disulfoton (December 1984)
Tobacco Plant Bed Systemic Granules
EPA Registration No. 2393-423
Your Application Dated June 12 and 28, 1985 and June 13, 1988

The amendment referred to above, submitted in connection with registration under section 3(c)(7)(A) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:
 - a. Disulfoton is an accepted common name and it should proceed the chemical name on the label. The chemical name should then be placed in brackets.
 - b. Change "If eyes are contaminated" statement to "Immediately flush eyes with plenty of water. Contact a physician if irritation persists."
 - c. In the Environmental Hazards statement, change "Do not contaminate water by cleaning of equipment or disposal of wastes" to "Do not contaminate water when disposing of equipment washwaters."

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CONCURRENCES

SYMBOL							
SURNAME							
DATE							

- d. Revise the paragraph under precautionary statements beginning "Wear protective clothing . . . etc." to "Wear protective suit of one or two pieces worn over normal work attire that covers the entire body except head, hands, and feet. Wear chemical resistant gloves, chemical resistant shoes, shoe covers or boots. Wear a NIOSH or MSHA approved respiratory protection device."

You may wish to delete the rotational crop restriction. See PR Notice 87-3.

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

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

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

Sincerely yours,

George T. LaRocca
Product Manager (15)
Insecticide-Rodenticide Branch
Registration Division (TS-767C)

Enclosure

Acute human oral, dermal, and inhalation toxicity

For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.

Hopkins®
Tobacco
Plant Bed
**SYSTEMIC
GRANULES**
Contains DI-SYSTON®*

For Control of
APHIDS & FLEA BEETLES



Not for home garden use. Do not use on crops used for food or storage. Use only according to label directions. Application at rates above those shown may result in illegal crop residues. Do not plant any food or feed crop in rotation after a field treatment with disulfoton unless it is a registered use of disulfoton. Do not treat food crops grown in the greenhouse. Not for use or storage in or around the home.

ACTIVE INGREDIENT	
O,O-Diethyl S-(2-(ethylthio)ethyl)	
phosphorodithioate	15%
INERT INGREDIENT	
	85%
TOTAL	
	100%

EPA Reg No 2393-423

EPA Est No 2393-WI-1

DI-SYSTON is a Reg. TM of the parent company of Farbenfabriken Bayer, GmbH, Leverkusen.*disulfoton

Keep Out Of
Reach Of Children
**DANGER
PELIGRO**

POISON



ACCEPTED
with COMMENTS
in EPA Letter Dated:

AUG 22 1986

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

2393-423

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta haya sido explicada ampliamente
TRANSLATION: TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you

STATEMENTS OF PRACTICAL TREATMENTS

In case of poisoning: Call a physician or Poison Control Center immediately. Have patient lie down and keep quiet.

If swallowed: Drink one or two glasses of water and induce vomiting by touching the back of the throat with finger. Continue until vomit fluid is clear. Call a physician immediately. Do not induce vomiting or give anything by mouth to an unconscious person. If on skin: Remove contaminated clothing and wash skin immediately with soap and warm water. If eyes are contaminated: Wash with flowing water for at least 15 minutes. If inhaled: Remove person to fresh air. Have physician immediately notified.

SYMPTOMS OF POISONING A sense of tightness in the chest, nausea, contracted pupils, difficulty breathing.

NOTE TO PHYSICIAN

ANTIDOTE: Administer atropine, 1-2 mg in large therapeutic doses. Repeat as necessary to the point of tolerance. 2 MAM is a cholinergic antagonist and may be administered in conjunction with atropine. Do not use if patient has severe sensitivity to the central nervous system. Do not use if patient has severe asthma and the patient's motor nerves. Do not give if patient has severe heart disease, which may lead to serious cases of arrhythmia. After treatment, the patient should be placed in an oxygen tent and treated symptomatically.

See Back Panel for Additional Precautionary Statements.



Sold By
Hopkins
Agricultural Chemical Co

BOX 7532 • MADISON WISCONSIN 53707
U.S.A.

NET WEIGHT

10 OZ.

4 34
Tobacco Plant Bed
Systemic Granules
Reg. No. 2393-423
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PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER — POISON

Poisonous if swallowed, inhaled or absorbed through the skin. Rapidly absorbed through the skin. Do not get in eyes or on skin. Do not breathe dust. Wear protective clothing and cotton or natural rubber gloves. If cotton gloves are used, they must be laundered or discarded after each day's use. Do not wear the same gloves for other work. Rubber gloves should be washed with soap and water after use.

Do not contaminate feed or food. Keep out of reach of children. Keep all unprotected persons out of the operating area or vicinity. Wash hands, arms and face thoroughly with soap and water before eating or drinking. Wash all contaminated clothing with soap and water before reuse. Do not reuse containers in any manner in connection with food, feed or water.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and wildlife. Exposed granules on surface of water may be hazardous to birds. Do not apply directly to water or wetlands.

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.

RE-ENTRY STATEMENT

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons. Do not allow reentry into treated fields within 24 hours of application unless appropriate protective clothing is worn. Because certain states may require more restrictive re-entry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. Oral warnings should include those statements found under the label heading "Statements of Practical Treatment" "Precautionary Statements" and "Re-entry Statements" included on this label. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information: DANGER, area treated with Tobacco Plant Bed Systemic Granules on (date of application). Do not enter without appropriate protective clothing within 24 hours of application. For accidental exposure follow Statements of Practical Treatment on this label.

IMPORTANT: Read these entire directions before using Tobacco Plant Bed Systemic Granules.

Wear a pesticide respirator unit approved by the Mining Enforcement and Safety Administration (formerly the U.S. Bureau of Mines) and by the National Institute for Occupational Safety and Health under the provisions of 30 U.S.C. 2011. TOBACCO PLANT BEDS: For the control of aphids and flea beetles, apply 1/2 lb. per 100 square feet of bed. Apply evenly over bed area just before seeding. Work the granules into the top 2-3 inches of soil and seed beds in normal manner. An alternative treatment may be made by broadcasting the granules evenly over the plants after emergence and watering thoroughly. Do not apply more than once per season.

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.

Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Handle and open container in a manner as to prevent spillage. If the container is leaking or material spilled for any reason or cause, fully 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 pesticide as directed above. In spill or leak incidents, keep unauthorized people away.

NOTICE OF WARRANTY

Seller makes no warranty, express or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.