

Reg # 2935-435

PM-13

File
198



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

APR : 6 1994

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Joanne Pratt
WILBUR ELLIS CO.
191 W. Shaw Avenue
Fresno, CA 93704

Subject: Label Amendment Submission of 09/17/93 in Response to PR Notice 93-7
EPA Reg. No. 2935-435
WILBUR ELLIS SYSTEMIC 10G

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments reflected on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

WHAT YOU NEED TO DO NEXT:

By the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance.

BEST AVAILABLE COPY



Recycled/Recyclable
Printed with Soy/Canola Ink on paper that
contains at least 50% recycled fiber

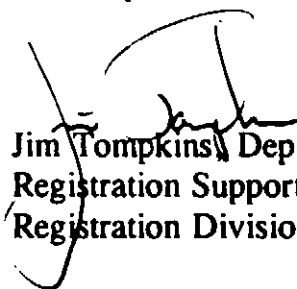
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs (7505C)
U.S. Environmental Protection Agency
401 M Street, SW
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Sincerely,



Jim Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)

Attachment

BEST AVAILABLE COPY

ACCEPTED
with COMMENTS
in EPA Letter Dated

APR 6 1994

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

2935-435

Replace with I

RESTRICTED USE PESTICIDE:

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.



SYSTEMIC 10G

CONTAINS DI-SYSTON®
ORGANOPHOSPHATE

ACTIVE INGREDIENTS:
O,O-Diethyl S-(2-(diethylthio)ethyl) phosphorothioate 10%
INERT INGREDIENTS 90%
TOTAL 100%

EPA Reg. No. 2935-435

EPA Est. No. 32691-AZ-1

KEEP OUT OF REACH OF CHILDREN!

**DANGER
PELIGRO**



POISON

PRECAUTIONAL USUARIO: Si usted no lee inglés, no use este producto hasta que le expliquen cómo debe aplicarse apropiadamente.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: 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 equipment. Do not eat, drink, or use tobacco products while using this product. Wash hands thoroughly with soap and water after use. Do not eat, drink, or use tobacco products until hands are washed with soap and water after each 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 after use. Do not eat, drink, or use tobacco products until hands are washed with soap and water after each use.

Do not apply this product in such a manner as to directly contact or drift to exposed workers or other persons. (The area being treated must be vacated by unprotected persons.)

SYMPTOMS OF POISONING: A sense of lightness in the chest, sweating, contracted pupils, stomach pains, vomiting and diarrhea.

STATEMENT OF PRACTICAL TREATMENT

In case of poisoning: Call a physician immediately. Have patient lie down and keep quiet. If swallowed: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger, or, if available, by administering syrup of ipecac. 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 victim to fresh air. Apply artificial respiration if indicated.

NOTE TO PHYSICIAN:

Antidote — Administer atropine sulfate in large therapeutic doses. Repeat as necessary to the point of tolerance 2-PAM is also antidotal and may be administered in conjunction with atropine. Compound inhibits cholinesterase resulting in stimulation of the central nervous system, the parasympathetic nervous system, and the somatic motor nerves. Do not get mercurine. Watch for pulmonary edema, which may develop in serious cases of poisoning even after 12 hours. At first signs of pulmonary edema, the patient should be placed in an oxygen tent and treated symptomatically.

ENVIRONMENTAL HAZARD

This pesticide is toxic to fish and wildlife. For ornamental uses, do not apply directly to water, or to areas where surface water is present or to ornamental areas below the mean high water or mark. 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 inseparate spills.

This pesticide is toxic to bees exposed to direct application. Applications should be avoided to coincide with periods of maximum bee activity, usually between 10:00 a.m. and 4:00 p.m.

In Case of Emergency, Call
CHEMTREC: (800) 424-9300

Manufactured by: WILBUR ELLIS, P.O. BOX 16458 • FRESNO, CA 93755

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

RE-ENTRY TREATMENT
Do not enter treated areas within protective clothing for 24 hours. 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 specify protective clothing (see right), areas of fields that cannot be entered without this clothing, period of time areas to be vacated, and statement of practical treatment (see right) in case of exposure. 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. Warnings must include the following information: "Danger. Area treated with Disulfoton (in case of application). Do not enter without appropriate protective clothing for 24 hours. Report here action to take in case of accidental exposure — see right."

STORAGE AND DISPOSAL

- Prohibitions: Do not contaminate water, food or feed by storage or disposal.
- Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate 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.
- Storage: Store in original container only and keep sealed. Store in closed storage area. Use caution when moving, opening, closing or pouring. Do not store with food or feed.

RESTRICTIONS

Not for home garden use. Do not use on other crops used for food or forage. Use only according to label directions. Application at rates above those shown may result in illegal crop residues.

This product is toxic to fish, birds and other wildlife. Keep out of any body of water. Do not apply where runoff is likely to occur. Do not contaminate water or cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

Systemic 10 G enters the plant through the root system. The insecticide, when placed near the roots, is picked up and moves in the sap stream to all parts of the plant where it kills insects as they feed on the plant. This formulation of Systemic 10 G is highly versatile and may be applied by various methods. It can be drilled in the furrow with seed, broadcast or banded on each side of the seed furrow. Foliar broadcast application may be applied by ground or air equipment. Time and method of application and limits for use are discussed in detail for each specific crop.

RECOMMENDED APPLICATIONS

IMPORTANT: When used on fruit trees at the maximum recommended rates under adverse conditions such as extreme cold or wet, or extremely dry weather, Systemic 10 G may cause some delay in emergence, starting or continuing, or reduction of stand. Such damage may be more pronounced with light, sandy soils. Plant injury may also occur or may be avoided when certain pre-emergence herbicides are used in conjunction with Systemic 10 G.

Do not plant or use treated seed or equipment in a field treated with disulfoton (Dithion) for 24 hours after application.

DIRECTIONS FOR USE (cont.)
For Use by Commercial Growers or Professional Applicators
Not for Home Garden Use.

CROP	INSECT	DOSAGE SYSTEMIC 10G	REMARKS
Alfalfa	Aphids Mites	10 pounds per acre	Apply by broadcast treatment at a minimum of 20 days before harvest.
Barley	Aphids Mites	10 pounds per acre	Apply by air bling or broadcast at 100 lbs. per acre. Do not exceed 21 lb. applications. Do not graze or cut within 30 days of treatment.
Corn	Aphids Mites Thrips	7 to 12 oz. per 1000 ft. of row (for any row spacing) or 6 to 10 lb. per acre (40-inch row spacing)	At Planting: Place the granules in row or in a band on each side of the row. RATE CHART FOR PLANTING TIME APPLICATION Heavy Soils 12 oz. 10% Gran./10 lb. 10% Medium Soils 10 oz. 10% Gran./8 lb. 10% Light Soils 7 oz. 10% Gran./6 lb. 10% Post-Planting (Original Content Only): Do not broadcast in corn and/or row application or a light application over the whole field. 10 pounds per acre can be applied to corn (30 days before harvest) or 10 pounds per acre can be applied 30 days of harvest. Do not apply more per season. Allow a minimum of 70 days applications. Read "IMPORTANT" under "Directions for Use" for information before use on this crop. MS-Dropped Corn: Apply granules with the seed at planting. Use the above rate spacing in granules for the row or where applications are made in rows. Read "IMPORTANT" under "Directions for Use" for information before use on this crop.
Sorghum	Aphids (Corn)	8 to 12 oz. per 1000 ft. of row (for any row spacing) or 7.5 to 10 lb. per acre (40-inch row spacing)	Applications of Planting, In-Furrow granules in the row before application above the seed at planting. Do not use on the seed. See "NOTE" below.
		12 oz. per 1000 ft. of row (for any row spacing) or 10 lb. per acre (40-inch row spacing)	A application of 10 oz. band; Place in a 4- to 6-inch band; Apply granules in front of the seed or apply directly on the seed. See "NOTE" below. Post-Planting Application: Where application is broadcast, do not apply more than 3 lb. per acre within 30 days of harvest or 10 days of harvest for forage or feeder crops.

NOTE: Post planting broadcast apply about 1/2 inch into the soil, leaving an 1/2 inch application.

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

NOTICE: The statements on this label are believed to be true and accurate, and conditions of use within or beyond our control, WILBUR ELLIS COMPANY does not assume any liability or responsibility for results, any warranty, express or implied, concerning this material or the use of or results, nor will the statements on this label, neither WILBUR ELLIS COMPANY nor any other responsible in any manner for any personal injury or property damage or loss or damage to or the other person from handling, storage or use of this material, nor in any other way. The buyer assumes all risk and liability resulting from improper handling or use of any material and uses this material on these conditions.

Logo of WILBUR ELLIS Company
REGISTERED WITH a registered trademark of WILBUR ELLIS Company
© DI-SYSTON is a Reg. TM of the Parent Company of F. W. Schellman, Bayer Corp.

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Personal Protective Equipment

Applicators and other handlers must wear:

- A) Coveralls over long sleeved shirt and long pants.
- B) *Waterproof gloves.*
- C) Chemical-resistant footwear plus socks.
- D) Protective eyewear.
- E) Chemical-resistant headgear for overhead exposure.
- F) Chemical-resistant apron when cleaning equipment, mixing or loading.
- G) Dust/mist filtering respirator (MSHA/NIOSH approval prefix TC-21C).

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

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COPY D

DIRECTIONS FOR USE

above box

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURE USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontaminations, notification, and emergency assistance. It also contains specific instructions, and exceptions pertaining to protective equipment (PPE), notification to workers, and restricted entry interval. The requirements in this box are covered by the Worker Protection Standard.

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Do not enter or allow workers entry into treated areas during the restricted entry interval (REI) of 48 hours.

The REI is 72 hours in outdoor areas where average annual rainfall is less than 25 inches a year.

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continued

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- A) Coveralls over long sleeved shirt and long pants
- B) *Waterproof gloves*
- C) Chemical-resistant footwear plus socks
- D) Protective eyewear
- E) Chemical-resistant headgear for overhead exposure.

Notify workers of the application by warning orally and by posting signs at entrances to treated areas.

*using
word*

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**User Safety Recommendations:
Users should:**

- * Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- * Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- * Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

*needs to
be boxed*

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COPY I

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Si usted no entiende la etiqueta,
busque alguien para que se la
explique a usted en detalle (If
you do not understand the label
find someone to explain it to
you in detail).

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