



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

JAN 25 1994

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

John A. Francis, Jr.
GRACE SIERRA CROP PROTECTION CO.
1001 Yosemite Drive
Milpitas, CA 95035

Subject: Label Amendment Submission of 06/30/93 in Response to PR Notice 93-7
EPA Reg. No. 58185-5
KOBAN 30

IMPORTANT NOTICE: This Letter Requires You to Submit a Notification to the Office of Compliance Monitoring within 20 Days.

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 listed on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

SERIOUS ERROR(S) ON SUBMITTED LABELING:

EPA has determined that one or more of the errors on the labeling you submitted to the Agency is categorized as "serious" as defined in PR Notice 93-11. In general, serious errors are those that may create a potential for harm to workers, handlers, other persons, or the environment; or those that prevent the achievement of the basic goals of the Worker Protection Standard (WPS) or FIFRA.

YOU MUST NOT SELL OR DISTRIBUTE (INCLUDING RELEASE FOR SHIPMENT) ANY PRODUCT BEARING THE SUBMITTED LABELING. Sale or distribution of any product with the incorrect labeling is a violation of FIFRA that could result in initiation of an action for civil penalties and/or cancellation of your product. This matter has been referred to the Office of Compliance Monitoring (OCM) for further action.

YOU MUST SUBMIT A NOTIFICATION TO THE OFFICE OF COMPLIANCE MONITORING WITHIN 20 DAYS OF THE DATE OF THIS LETTER.



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

IN ADDITION, YOU SHOULD CONTACT IMMEDIATELY THE PERSONS TO WHOM YOU SOLD OR DISTRIBUTED YOUR PRODUCT AND INFORM THEM NOT TO SELL OR DISTRIBUTE ANY PRODUCT WITH THE INCORRECT LABELING.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the 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 neither been reviewed nor 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:

Submit the required notification. Then 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 as amended

AND

- WITHIN one year from date of this acceptance.

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

3 of 2

KOBAN® 30
TURF FUNGICIDE
FOR PREVENTIVE AND CURATIVE CONTROL
OF
PYTHIUM

ACCEPTED
with COMMENTS
in EPA Letter Dated
JAN 25 1994

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
58185-5

ACTIVE INGREDIENT	
5-Ethoxy-3-trichloromethyl-1,2,4-thiadiazole*	30%
INERT INGREDIENTS	70%
TOTAL	100%

KEEP OUT OF REACH OF CHILDREN

WARNING

AVISO

Si usted no entiende la etiqueta, busque a 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.)

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or poison control center. Induce vomiting immediately by giving two glasses of water and sticking finger down throat. Never give anything by mouth to an unconscious person. **GET MEDICAL ATTENTION**

- IF INHALED:** Induce coughing.
- IF ON SKIN:** Wash off with soap and water.
- IF IN EYES:** Flush eyes with water

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

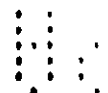
* Licensed under U.S. Patents 3,260,588 and 3,260,725

EPA Registration No. 58185-5
EPA Establishment No. 228-IL-1

7693

2 LB
(900 g)

GRACE / SIERRA
CROP PROTECTION COMPANY
1001 Yosemite Drive
Milpitas, CA 95035



PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING! HARMFUL IF SWALLOWED, Inhaled, or absorbed through skin. Always wear protective clothing and respirator when mixing and applying pesticides. May cause irritation. Avoid breathing spray mist. Avoid contact with skin, eyes and on clothing. **IN CASE OF CONTACT,** immediately flush eyes or skin with plenty of water. **GET MEDICAL ATTENTION** if irritation persists. Wash thoroughly with soap and water after handling. Wash contaminated clothing before re-use. Do not contaminate feed or food. Keep children and pets out of treated area during application.

Personal Protective Equipment

Applicators and other handlers must wear:
Coveralls over short-sleeved shirt and short pants
Waterproof gloves
Chemical resistant footwear plus socks
Protective eyewear
Chemical-resistant headgear for overhead exposure
Chemical-resistant apron when cleaning equipment, mixing, or loading

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. 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.

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.

ENVIRONMENTAL HAZARDS

THIS PRODUCT IS TOXIC TO FISH. Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters. Do not graze treated areas. Do not feed clippings to livestock

DIRECTIONS FOR USE

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.

AGRICULTURAL 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, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

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:
—Coveralls over short-sleeved shirt and short pants
—Waterproof gloves
—Chemical resistant footwear plus socks
—Protective eyewear
—Chemical-resistant headgear for overhead exposure

FOR PROFESSIONAL USE ONLY

DO NOT APPLY THIS PRODUCT THROUGH ANY TYPE OF IRRIGATION SYSTEM.

KOBAN 30 is intended for use on ornamental turf which is subject to Pythium blight, damping off, cottony blight and Pythium Root and Crown Rot. It may be used at time of seeding to control damping off, or on establishing turf to prevent or control Pythium blight (cottony blight and Pythium Root and Crown Rot).

KOBAN 30 does not afford broad spectrum fungus disease control for Rhizoctonia (brown patch), Sclerotinia (dollar spot), Glomerocospora (copper spot), and similar turf diseases. A fungicide program to control these diseases should be followed if they co-exist with Pythium blight.

For control of Pythium blight (cottony blight), grease spot, damping off and Pythium Root and Crown Rot on turf:

Night temperatures above 65°F. (18.3°C) with high humidity are favorable for Pythium development.

Add KOBAN 30 to the spray tank with the agitator in operation. Disperse 2 to 4½ oz. of KOBAN 30 in 5 gal. of water for each 1000 sq. ft. of turf to be treated. Use 2 oz./1000 sq. ft. when disease incidence is expected to be light and 4½ oz./1000 sq. ft. for more severe conditions.

For Pythium Root and Crown Rot apply KOBAN 30 at 5-6 oz. in 5 gal. water per 1000 sq. ft. Drench (Irrigate) the treated area immediately following application to increase performance. During periods of high daytime

temperatures (90° - 95°F.), apply KOBAN 30 in early morning or late afternoon.

Apply uniformly to the turf area with a SPRAY-HAWK® mobile spray boom or other suitable equipment.

Re-treat in 5 to 10 days, depending upon climatic conditions, to maintain disease control. KOBAN 30 should not be mixed with other pesticides or nutrients.

For control of damping-off in newly seeded areas: Apply 7 to 9 oz. of KOBAN 30 in 5 to 10 gal. of water/1000 sq. ft. immediately after seeding. Irrigate promptly for improved soil penetration of the fungicide and to initiate seed germination. Retreat at 5 to 7 day intervals at the 2 to 4½ oz. rate in order to maintain a preventive disease control program after germination.

Use FUNGO® 50, DUOSAN® or VORLAN™ to control a broad spectrum of diseases other than Pythium.

Grass Seed Treatment: To prevent Pythium blight add 4½ to 7 oz. of KOBAN 30 to the seed treater for each 100 lb. of grass seed. Blend until the KOBAN 30 is thoroughly dispersed in the seed.

NOTE: For smaller seeds use the higher rate of KOBAN 30.

IMPORTANT: Bags containing treated seed should bear a tag with the following statement: This seed has been treated with 30% Ethazole at the rate of 4½ to 7 oz./100 lb./seed. **DO NOT USE FOR FEED, FOOD, OR OIL PURPOSES.**

STORAGE AND DISPOSAL

STORAGE: Not sensitive to light. Stable at normal temperatures and humidities. Store in a dry place at temperature above 45° F (7°C), in a well-losed container.

PROHIBITIONS: Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

PESTICIDE DISPOSAL: Pesticide, spray mixture or rinse water that cannot be used according to label instructions must be disposed of according to applicable Federal, State or local procedures.

CONTAINER DISPOSAL: Completely empty bag by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of bags in a sanitary landfill or by incineration if allowed by State and local authorities.

WARRANTY

This material conforms to the description on the label and is reasonably fit for the purposes referred to in the directions for use. Timing and method of application, weather, watering practices, nature of soil, the disease problem, condition of the crop, incompatibility with other chemicals not specifically recommended, and other influencing factors in the use of this product are beyond the control of the seller. Buyer assumes all risks of use, storage, or handling of this material not in strict accordance with the directions given hereon. **NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY IS MADE.**