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10182-199

1 of 10 File



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

MAR 24 1994

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Wayne R. Hillebrecht  
ZENECA INC.  
1800 Concord Pike  
Wilmington, DE 19897

Subject: Label Amendment Submission of 10/18/93 in Response to PR Notice 93-7  
EPA Reg. No. 10182-199  
EPTAM (R) 20. G GRANULES

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 SoyCandor ink on paper that  
contains at least 50% recycled fiber

2/10

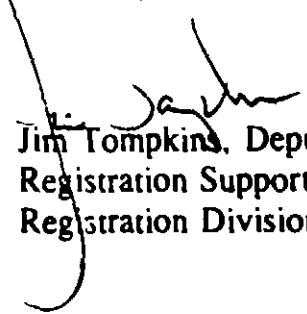
Submit the final printed labeling via the U.S. Postal Service to:

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

3 of 10

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division

WAYNE R. HILLEBRECHT  
ZENECA INC  
1800 CONCORD PIKE  
WILMINGTON DE 19897

Comment for: EPA Reg Nr.10182-199  
EPTAM (R) 20. G GRANULES

The following specific comments pertain to your WPS labeling submission concerning the product cited above:

User Safety Recommendations must either be placed in a box or printed on the label in a contrasting color from surrounding text.

The Agricultural Use Requirements section must be located in a clearly separate box on the product labeling -- with lines or other graphic indicators (such as contrasting color) to separate the section from the surrounding text.

Correct the typographical errors circled on your proposed label.

4/8/10

Page 1 of 7  
EPTAM 20.G Container  
EPT199C.RSA - RS-101193A

(Center Panel)

(Stauffer Shield)

(No type on this label will be less than 6 point)

EPTAM® 20.G

Granules - A Selective Herbicide

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

MAR 24 1994

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

10182-159

ACTIVE INGREDIENT:

S-ethyl dipropylthiocarbamate ..... 20.0%

INERT INGREDIENTS: ..... 80.0%  
100.0%

(Contains 20 pounds active ingredient per 100 pounds)

U.S. Patent No. 2,913,327

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

If on skin - Wash with soap and water.

If in eyes - Rinse thoroughly with water.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

Net Contents \_\_\_\_\_ Pounds

EPA Reg. No. 476-2101  
EPA Est. 476-

(A-2)

Made in U.S.A. by

STAUFFER CHEMICAL COMPANY  
Westport, CT 06880

5 of 10

LEFT PANEL

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed.

Avoid contact with skin and clothing.

Avoid breathing dust.

~~Wash thoroughly after use.~~

Avoid contamination of feed and food.

**Personal Protective Equipment**

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks

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.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

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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.
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6 of 10

Environmental Hazards

This product is toxic to fish. Keep out of lakes, streams, and ponds. Do not contaminate water to be used on susceptible crops or for domestic purposes.

USE PRECAUTIONS

- EPTAM should be used only for recommended purposes and at recommended rates (DO NOT OVERDOSE).
- Applied according to directions and under normal growing conditions, EPTAM will not harm the treated crop. However, during germination and early growth, extended periods of unusually cold and wet or hot and dry weather, insect, nematode, or plant disease attack, the use of certain soil applied systemic insecticides, highly saline or alkaline soil conditions, improperly placed fertilizers or soil insecticides may create abnormal conditions that weaken crop seedlings. Used under these abnormal conditions, EPTAM could result in crop injury.
- Use equipment which has proven to incorporate thoroughly to the recommended depth.
- EPTAM is recommended for use on mineral soils only.
- When applied according to directions and under conditions for normal crop growth, no harmful residues should remain beyond harvest.
- Do not apply prior to pre-irrigation.
- Keep container closed when not in use. Do not store near seeds or fertilizers.

DIRECTIONS FOR USE OF EPTAM

GENERAL CLASSIFICATION

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.

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**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

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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 protection 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. Exception: If the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

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
- Waterproof gloves
- Shoes plus socks

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EPTAM is a selective herbicide which is mixed (incorporated) into the soil for control of weeds listed on this label. EPTAM controls weeds as their seed germinate by interfering with normal germination and seedling development. It does not control established weeds.

APPLICATION DIRECTIONS

Apply only to well-worked soil that is dry enough to permit thorough mixing with incorporation equipment. Uniformly apply the recommended rate using equipment designed for application or granular herbicides. Equipment should be carefully calibrated before use and checked frequently during application to be sure it is working properly and delivering a uniform distribution pattern. Avoid overlaps that will increase EPTAM dosage above recommended rates as plant injury may occur.

INCORPORATION DIRECTIONS

EPTAM must be incorporated into the soil immediately to prevent loss of the herbicide. Whenever possible, application and incorporation should be done in the same operation.

Soil Mixing (Incorporation) Before Planting: Use power-driven cultivation equipment set to cut to a depth of 2 to 3 inches or tandem disc set to cut to a depth of 4 to 6 inches, operated at 4 to 6 mph, followed by a spike-tooth harrow or some other leveling device which extends beyond the ends of the disc. For more thorough mixing (for perennial grasses and in heavier soils) disc in two different directions (cross disc).

CULTURAL PRACTICES FOLLOWING APPLICATION

**BEST AVAILABLE COPY**

8 of 10

Seeding should be done as soon as possible to obtain a maximum period of weed control.

EPTAM is not persistent in the soil and susceptible weeds germinating later during the growing season may not be controlled. Shallow cultivation may be necessary to control these susceptible weeds that escape control by EPTAM as well as those weeds not susceptible to EPTAM. Do not cultivate deeper than the depth of the herbicide incorporation.

WEEDS CONTROLLED

EPTAM will not control established weeds.

ANNUAL GRASSES:

- Annual Bluegrass (Poa annua)
- Annual Ryegrass (Italian ryegrass) (Lolium multiflorum)
- Barnyardgrass (Watergrass, Junglerice) (Echinochloa spp.)
- Crabgrass (Digitaria spp.)
- Goosegrass (Eleusine indica)
- Green Foxtail (Setaria viridis)
- Volunteer Grains (Barley, Oats, Wheat)
- Wild Oats (Avena Fatua)
- Yellow Foxtail (Setaria glauca)

ANNUAL BROADLEAF WEEDS:

- Black Nightshade (Solanum nigrum)
- Common Chickweed (Stellaria media)
- Common Lambsquarters (Chenopodium album)
- Corn Spurry (Spergula arvensis)
- Deadnettle (Henbit) (Lamium amplexicaule)
- Hairy Nightshade (Solanum villosum)
- Nettleleaf Goosefoot (Chenopodium murale)
- Common Purslane (Portulaca oleracea)
- Prostrate Pigweed (Common pigweed) (Amaranthus graecizans)
- Redroot Pigweed (Common pigweed) (Amaranthus retroflexus)
- Tumble Pigweed (Amaranthus albus)

The annual broadleaf weeds listed above will be controlled only if treatment is made when conditions are favorable for weed germination and growth.

PERENNIAL WEEDS:

- Purple Nutsedge (Nutgrass) (Cyperus rotundus)
- Quackgrass (Couchgrass, Witchgrass) (Agropyron repens)
- Yellow Nutsedge (Nutgrass) (Cyperus esculentus)



9 of 10

Perennial weeds must be turned under and chopped up thoroughly prior to treatment. The underground rhizomes of quackgrass must be cut up thoroughly so that four or less nodes remain on a strand. For the control of quackgrass, the disc must be set to cut 6 inches deep and the higher rates of EPTAM must be used. Construct recommendations for crop on which the higher rates may be used.

(RIGHT PANEL)

RECOMMENDATIONS

These recommendations are given as broadcast (overall) rates of EPTAM 20.G per acre.

ALFALFA, BIRDSFOOT TREFOIL, CLOVERS, LESPEDEZA: Apply and incorporate 15 to 20 lbs. EPTAM 20.G per acre just before planting. Temporary crop stunting and sealing of the first leaves will occur if conditions for germination and growth are not optimum. Do not use EPTAM if a grass or grain nurse crop is to be planted with the legume. (Use the lower rate on very light soils).

BEANS, GREEN OR DRY: Do not use EPTAM on cowpeas (blackeye peas, blackeye beans), soybeans, lima beans or other flat-podded beans except romano. Under abnormal weather conditions, stunting may occur on gratiot, michilite, sanilac and seaway varieties.

Apply and incorporate EPTAM 20.G just before planting. In lighter soils use 15 lbs. EPTAM 20.G per acre for nutgrass, annual grass and broadleaf weed control. In heavier soils apply and incorporate 20 lbs. EPTAM 20.G per acre for quackgrass and nutgrass control. Do not exceed 10 lbs. rate on small white beans; or on green beans grown on light soils.

Rotary hoe during or shortly after emergence of the beans to break any crust which occurs.

CORN (FIELD, SILAGE AND SWEET): Corn is susceptible to injury from EPTAM. Do not use milo or sorghum. Do not use on corn seed stock. Plant corn to a maximum depth of 2 inches.

Apply and incorporate 10 lbs. EPTAM 20.G per acre just before planting. Do not exceed 10 lbs. per acre per crop.

POTATOES, IRISH:

Pre-Plant: Apply and incorporate 15 to 20 lbs. EPTAM 20.G per acre. Use the higher rate for quackgrass control.

FLAX: Apply and incorporate 15 lbs. EPTAM 20.G per acre just before planting.

STORAGE AND DISPOSAL

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PROHIBITIONS

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

STORAGE

Keep container closed when not in use. Do not store near seeds or fertilizers.

PESTICIDE DISPOSAL

Pesticide, spray mixture, or rinsate that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies.

CONTAINER DISPOSAL

Dispose of in an incinerator or landfill approved for pesticide containers, or bury in a safe place.

GENERAL

Consult federal, state or local disposal authorities for approved alternative procedures such as limited open burning.

NOTICE: Stauffer Chemical Company makes no warranty, express or implied, including the warranties of merchantability and/or fitness for any particular purpose concerning this material except those which are contained on Stauffer's label.