

MAR - 1 1995

Cheryl Mulherin
 Vigoro Industries, Inc.
 P.O. Box 4139
 Fairview Heights, IL 62208-0839

Dear Ms. Mulherin:

Subject: Holiday Crabgrass Preventer Pre-Emergence
 EPA Registration Number 557-1998
 Submission Dated March 24, 1992
 Addition of Groundwater Advisory Statement

This is in response to the submission referenced above, concerning the placement of a groundwater advisory statement to the labeling for this product. The draft labeling is acceptable provided that the following revisions are made:

1. The label must comply with the Worker Protection Standard.
2. Delete the sentence, "Do not apply directly to water or wetlands (swamps, bogs, marshes, and potholes)." from the Environmental Hazards section. Replace the deleted sentence with, "Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark."
3. Change the EPA Registration Number on the labeling to 557-1998. We acknowledge that while this submission has been pending at the Agency, the product was transferred from Koos Inc. to Vigoro Industries, Inc.

We regret the delay in processing this submission. Submit one (1) copy of final printed labeling incorporating the above revisions before releasing the product for shipment.

Sincerely yours,

Joanne I. Miller
 Product Manager 23
 Fungicide-Herbicide Branch
 Registration Division (7505C)

Enclosure

CONCURRENCES

SYMBOL ▶	7505C							
SURNAME ▶	JIMiller							
DATE ▶	Feb 27, 1995							

ACCEPTED
with COMMENTS
In EPA Letter Dated
MAR - 1 1995

HOLIDAY

CRABGRASS PREVENTER
Pre-emergence

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
557-1998

Treats (or Covers) 2,500 Sq. Ft. (50' x 50')

Contains Dacthal^(R) which prevents the germination of
hard-to-control lawn weeds.

ACTIVE INGREDIENT:

DCPA (dimethyl tetrachloroterephthalate) 5.75%

INERT INGREDIENTS: 94.25%

TOTAL 100.00%

Dacthal^(R) - a registered trademark of Fermenta Plant Protection Co.

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE REAR PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

NET WEIGHT - 10 Pounds

EPA Reg. No. 2491-139
557-1998

EPA Est. No. 2491-WI-1

(Back Panel)

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Causes moderate eye irritation. Avoid contact with eyes or clothing. Always wash hands, face and arms thoroughly with soap and water after handling and before smoking, eating, drinking or toileting.

IF IN EYES: Flush with plenty of water. Call a physician if irritation persists.

IF ON SKIN: Wash off with soap and water.

USE ONLY WHEN WEARING THE FOLLOWING PROTECTIVE CLOTHING: Wear long-sleeved shirt and long-legged pants and chemical resistant gloves.

AFTER USE: Before removing gloves, wash them with soap and water. Take off all work clothes and shoes. Shower using soap and water. Do not reuse contaminated clothing. Clothing worn during use must be laundered separately from household articles.

(Back Panel cont.)

ENVIRONMENTAL HAZARDS

Collect and incorporate granules spilled on the soil surface. Do not apply directly to water or wetlands (swamps, bogs, marshes, and potholes). Do not contaminate water when disposing of equipment washwaters. ↙

Groundwater Advisory: Tetrachloroterephthalic acid, a breakdown product of Dacthal, is known to leach through soil as a result of agricultural and turf uses and has been found in groundwater which may be used for drinking water. Users are advised not to apply Dacthal to sand and loamy sand soils where the water table (groundwater) is close to the surface and where these soils are very permeable, i.e. well drained. Your local agricultural agencies can provide further information on the type of soil in your area and the location of groundwater used for drinking water.

DIRECTIONS FOR USE

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

One Application Prevents Growth All Summer

Also Controls

- | | | |
|------------------|---------------|----------------|
| Carpetweed | Green Foxtail | Purslane |
| Common Chickweed | Johnson Grass | Texas Millet |
| Fall Panicum | Lambsquarters | Witchgrass |
| Florida Pusley | Love Grass | Yellow Foxtail |

Apply to Lawns in Late Winter or Early Spring

Crabgrass Preventer kills crabgrass and other weeds listed above as they sprout from seed - not after growth has begun.

Apply the contents of this bag uniformly over 2,500 sq. ft. It is important that there are no skips or misses. Do not rake or disturb soil surface after application. If no rain falls within a week after application, sprinkle lightly.

Fertilize your lawn the same day if you desire. It is not necessary to wait.

Reseeding:

All crabgrass controls that are really effective will affect the germination of lawn grasses. If it is necessary to reseed large bare spots:

1. Seed early in the spring so young grass can be mowed once before applying Crabgrass Preventer,
- or
2. Cover bare spots with 1/2 inch of crabgrass free topsoil after applying Crabgrass Preventer, then sow seed.

Note: Do not apply to newly seeded lawns, or to Dichondra at any time. Some thinning of fescue grasses has been occasionally observed.

This 10 pound bag should be used on 2500 square feet. Apply evenly with a lawn spreader as a one pass application. A two pass application, criss-crossing the area at half the rate each time, is also acceptable.

The following settings are approximate for applying contents of this package at a suggested rate of 4 pounds per 1000 square feet. Settings are based on an average walking speed. Reduce setting for slower speed; raise setting for higher speed. Check (Back Panel cont.)

your spreader on 250 sq. ft. and adjust to apply at the rate of 1 lb. per 250 sq. ft. Clean spreader thoroughly after use.

Spreader Settings°

Scotts	6
Jackson	5
Cyclone	3.25
Lawn Beauty	7

STORAGE AND DISPOSAL

STORAGE; Store in original container and place in cool, dry location in an area inaccessible to children. Keep container tightly sealed when not in use. Avoid contamination of feed and foodstuffs.

PESTICIDE DISPOSAL: Partially filled containers may be disposed of by securely wrapping original container in several layers of newspaper and discarding in trash.

CONTAINER DISPOSAL: Do not reuse container. Discard container in trash.

Seller warrants that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions provided, with proper equipment in good working order, and under normal conditions of use. Neither this warranty nor any other warranty of merchantability or fitness for a particular purpose expressed or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller. Buyer assumes the risk of any contrary use.

Manufactured by

KOOS, INC.

Kenosha, Wisconsin 53140

The following note will not be part of the actual label copy.

°Note: Spreader Settings will vary among various commercial fertilizer manufacturers.