

572-324

05/16/2001

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Ms. Judith K. Lemm
Manager, Regulatory Affairs
Rockland Corporation
686 Passaic Avenue
P.O. Box 809
West Caldwell, NJ 07007

MAY 16 2001

Dear Ms. Lemm:

Subject: Turf Food 15-3-5 Plus Team®
EPA Registration No. 572-324
Letter Dated May 4, 2001, Submission of Revised
Labeling in Response to EPA's Assessment and Letter
dated April 25, 2001

The proposed amendments to the labeling of the subject pesticide product, "Turf Food 15-3-5 Plus Team" have been reviewed and found acceptable under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, provided that you:

1. Delete filing information that occurs at the bottom of each page.
2. Submit one (1) copy of the your final printed labeling before you release this product for shipment under the subject labeling

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 this product under this label constitutes acceptance of these conditions. The labeling was reviewed under the Trifluralin RED requirements. This product can not be reregistered until the Benefin RED has been issued and the labeling of this product is brought into compliance with that assessment.

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

Sincerely yours,

Eugene Y. Wilson
for Joanne I. Miller
Product Manager (23)
Herbicide Branch
Registration Division (7505C)

Enclosure

ACCEPTED
with COMMENTS
In EPA Letter Dated

MAY 16 2001

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
572-324

Rockland Turf Food 15-3-5 with "TEAM"

A selective preemergence herbicide and fertilizer product for the control of crabgrass and most other annual weed grasses on lawns and golf courses in established:

Bluegrass(perennial)	Bermudagrass	Fescue
St. Augustinegrass	Bahiagrass	
Ryegrass(perennial)	Centipedegrass	Zoysiagrass

ACTIVE INGREDIENTS:

Benefin: N-butyl-N-ethyl-a,a,a,-trifluoro-2,6-dinitro-p-toluidine.....0.77%
 Trifluralin: alpha, alpha, alpha-trifluoro-2,6-dinitro-N,
 N-dipropyl-p-toluidine.....0.38%

INERT INGREDIENTS:.....98.85%
 100.00%

KEEP OUT OF REACH OF CHILDREN CAUTION

GUARANTEED ANALYSIS:

Total Nitrogen (N).....15%
 1.2% Ammoniacal Nitrogen
 10.8% Urea Nitrogen
 3.0% Coated Slow Release Urea Nitrogen
 Available Phosphoric Acid (P₂O₅).....3%
 Soluble Potash(K₂O).....5%
 Sulfur.....2.25%

Primary Plant Foods Derived from: Ammoniated Phosphates, Urea, Muriate of Potash and Sulfur Coated Urea. Sulfur derived from Sulfur Coated Urea. Potential Acidity 854 lbs. Calcium Carbonate Equivalent per ton.

PRECAUTIONARY STATEMENTS

FIRST AID

IF ON SKIN OR CLOTHING:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

IF IN EYES:

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

- Call a poison control center or doctor for treatment advice.
Have the product container or label with you when calling a poison control center or doctor or going for treatment. For additional information in case of emergency call toll free 1-800-424-9300.

HAZARDS TO HUMANS AND DOMESTIC ANIMALS: Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals

Personal Protective Equipment (PPE):

Applicators and all other handlers must wear:

- Long-sleeved shirt and long pants,
- Socks and shoes, and
- Chemical resistant gloves made of any waterproof material.

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:

- User should wash hands before eating, drinking chewing gum, using tobacco, or using the toilet.
- Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Users should 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 extremely toxic to freshwater marine, and estuarine fish and aquatic invertebrates including shrimp and oyster. Do not apply in a manner which will directly expose canals, lakes, streams, ponds, marshes or estuaries.. Do not contaminate water when disposing of equipment washwaters. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark.

DIRECTIONS FOR USE

Read all directions carefully before applying.

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

Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

PESTICIDE STORAGE: Store in original container only. In case of spill, contain material and dispose of waste. **PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

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. The manufacturer makes no warranties, expressed or implied, concerning the use of this product other than indicated on the label.

GENERAL PRECAUTIONS AND RESTRICTIONS

Do not enter or allow others to enter the treated area until dusts have settled. If soil incorporation is required after the application, do not enter or allow others to enter the treated area (except those persons involved in the incorporation) until the incorporation is complete. If the incorporation is accomplished by watering-in, do not enter or allow others to enter the treated area until the surface is dry after the watering-in.

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.

Apply Rockland Turf Food with TEAM to the turf prior to the germination of weed grasses since Rockland Turf Food with TEAM will not control established weeds. Rockland Turf Food with TEAM may thin established annual bluegrass (*Poa annua*) turfs and fine-leaved fescues at rates above 75 pounds per acre (1.5 pounds active ingredient). Rockland Turf Food with TEAM should not be applied in the spring in turfgrass planted the previous fall. In bermudagrass areas that have been overseeded with winter grasses, a spring application of Rockland Turf Food with TEAM should not be used on putting greens. Rockland Turf Food with TEAM should not be used on dichondra. Rockland Turf Food with TEAM should not be applied to newly sprigged areas of bermudagrass, St. Augustinegrass or Centipedegrass until these turfs are well established.

The product has preemergence herbicide which is applied to established turfgrasses for the control of annual bluegrass(*Poa annua*), smooth and hairy crabgrass, goosegrass (silver crab-grass or crowfoot), barnyardgrass (watergrass and yellow foxtail). Rockland Turf Food with TEAM controls these annual weeds by killing as they germinate. Apply Rockland Turf Food with Team before these annual weeds begin to germinate, since it does not control established weeds.

When Rockland Turf Food with TEAM is applied as directed, the following established turfgrasses are tolerant:

- | | | | |
|--------------------|----------------|-------------|--------------------|
| Kentucky bluegrass | Centipedegrass | Zoysiagrass | St. Augustinegrass |
| Perennial ryegrass | Fescue | Bahiagrass | Bermudagrass |

Rockland Turf Food with TEAM will not harm most nearby established ornamental trees and shrubs.

APPLICATION DIRECTIONS

Rates, Frequency and Timing of Application

Successful preemergence control of the annual grass weeds listed on this label requires proper timing of application.

Apply Rockland Turf Food with TEAM approximately one to two weeks prior to the germination of annual grass weeds. All summer annual grasses do not germinate at the same time. If application timing does not coincide with the normal germination period of any of the annual grass weeds listed on this label, weed control performance will be obtained if treated areas are irrigated soon after application.

Any cultural practices that disturb the soil, such as aerification or verticutting, should be done prior to application.

1. Spring germinating summer annual grasses --crabgrasses, foxtails and barnyardgrass
 - A. Northern (cool season) turfgrasses
For preemergence control, apply 3.2 to 4 pounds per thousand square feet (1.6 to 2 pounds active ingredient per acre) in the spring one to two weeks prior to the onset of conditions favorable for annual weed grass seed germination.
 - B. Southern (warm season) turfgrasses
For preemergence control, apply 4 to 6 pounds per thousand square feet (2 to 3 pounds active ingredient per acre) in the late winter or early spring, one to two weeks prior to the onset of conditions favorable for annual weed grass seed germination.
2. Late spring, early summer germinating annual grasses --goosegrass
Although classified as a summer annual grass, goosegrass normally terminates 4 to 6 weeks later than crabgrass, foxtails and other summer annual grass species. Applications should therefore be timed accordingly.
 - A. Northern (cool season) turfgrass
For preemergence control, apply 4 pounds per thousand square feet (2 pounds, active ingredient per acre) in the late spring or early summer, one to two weeks prior to the expected germination of goosegrass.
 - B. Southern (warm season) turfgrasses
For preemergence control, apply 4 pounds per thousand square feet (2 to 3 pounds active ingredient per acre) in the late spring or early summer, one to two weeks prior to the expected germination of goosegrass.
3. Northern and southern turfgrasses
In areas of the United States where preemergence control of both early germinating annual grasses (crabgrass, foxtails and barnyardgrass) and the later germinating goosegrass is desired, two applications of from one half to the full recommended rate spaced 8 to 10 weeks apart may be made to provide full season control of these annual grass species.

Poa annua (annual bluegrass)

In areas of heavy infestation of annual bluegrass, its elimination will temporarily result in thin turfgrass areas. Irrigation and soil incorporated reseeding will encourage existing desirable turfgrasses and newly planted seedling turfgrasses to fill in these thin areas previously occupied by annual bluegrass.

A. Northern (cool season) turfgrasses

For preemergence control, apply 4 pounds per thousand square feet (2 pounds active ingredient per acre) in late summer or early fall and again in winter or spring one to two weeks prior to the expected germination of annual bluegrass.

B. Southern (Warm season) turfgrasses

For preemergence control, apply 6 pounds per thousand square feet (3 pounds active ingredient per acre) in the late summer or early fall one to two weeks prior to the expected germination of annual bluegrass. In southern areas of the United States where germination of annual bluegrass continues for extended periods of time, a second application from 3 to 6 pounds per thousand square feet can be made 10 to 12 weeks after the initial treatment.

RESEEDING: chemicals that effectively control annual weed seeds may also affect new desirable turfgrass seedlings. Reseeding should be delayed for at least 6 weeks after application. When reseeding, it is essential that proper cultural practices such as soil cultivation, irrigation and fertilization be followed. For satisfactory reseeding results after using Rockland Turf Food with TEAM, the amount of seed used should be increased and equipment designed to place seed in contact with the soil (such as Rogers Aero Seeder) should be employed. When using Rockland Turf Food with TEAM at the highest recommended rate, reseeding should be delayed 12 to 16 weeks after application.

APPLICATION EQUIPMENT: Apply Rockland Turf Food with TEAM evenly over the turfgrass area without skips or misses. A more uniform application can be made with broadcast (rotary) type spreaders by spreading half the required amount over the area and then applying the remaining half at right angles. Both drop type and rotary type spreaders may be used. Avoid the use of spreaders which would apply the material in narrow, concentrated bands. Calibrate applicators prior to use according to the manufacturer's directions. Check frequently to be sure equipment is working properly and distributing uniformly.

SUGGESTED SPREADER SETTINGS

Spreader Make/Model	Settings for 4 lbs for 1,000 Sq. Ft. Application
Cyclone	3 3/4 - 4
Lely Type H	5 1/2
Scotts Professional Broadcast R-7X	C-E
Earthway Broadcast	16

USE PRECAUTIONS

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NOTE: Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. To the extent allowable by State law, buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

Treats Up To 12,500 Sq. Ft.
Net Weight 50 Lbs.

*TEAM is a registered trademark of Dow AgroSciences

EPA Reg. No. 572-324
EPA Est No. 981-PA-1
981-IL-1
9198-OH-1
Product B32450

Manufactured for
Rockland Corporation
West Caldwell, NJ 08008

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