

PM25

572-324

1/13

FEB 11 1997

Ms. Judith K. Lemm  
Rockland Corp.  
P.O. Box 809  
West Caldwell, NJ 07006-0809

Dear Ms. Lemm:

Subject: Alternate Inert Fertilizer Ingredients and Alternate  
Brand Names  
Rockland Turf Food 15-3-5 plus Team  
EPA Reg. No. 572-324  
Your submissions dated Jan. 13, 1997

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable and a stamped copy is enclosed for your records.

This will acknowledge receipt of your Confidential Statements of Formula. This information is acceptable and will be placed in our file for your product.

The registration record for the product named above has been amended to include the additional product names listed below. It is understood that the labels will be identical with that of the basic label accepted under this registration except for product names.

"Turf Food 4-5-6 plus Team"  
"Turf Food 25-3-9 plus 1.15% Team"

Sincerely yours,

Philip V. Errico  
Product Manager 25  
Fungicide-Herbicide Branch  
Registration Division (7505C)

Enclosure

ACCEPTED  
with COMMENTS  
In EPA Letter Dated

2/13

FEB 11 1997

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
577-324

Rockland  
Turf Food 15-3-5 4-5-6  
plus 1.15% "TEAM\*" "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		
Ryegrass(perennial)	Centipedegrass	Bahiagrass Zoysiagrass

ACTIVE INGREDIENTS:

Benefin: N-butyl-N-ethyl-a,a,a-trifluoro-2,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%

\*Trademark of DowElanco.

KEEP OUT OF REACH OF CHILDREN  
WARNING

Statement of Practical Treatment

IF IN EYES: Hold eyelids open and flush gently with plenty of water. Call a physician. IF SWALLOWED: Call a physician or Poison Control Center. Drink promptly a large quantity of milk, egg white, gelatin solution, or, if these are not available, large quantities of water. Avoid alcohol. IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists. IF INHALED: If breathing discomfort occurs, move individual to fresh air and get medical attention.

GUARANTEED ANALYSIS:

Total Nitrogen (N).....	15%
2% <del>7.2%</del> Ammoniacal Nitrogen	4%
2% <del>18.8%</del> Urea Nitrogen	13%
3.0% <del>Coated Slow Release Urea Nitrogen</del>	5%
Available Phosphoric Acid (P <sub>2</sub> O <sub>5</sub> ).....	3%
Soluble Potash(K <sub>2</sub> O).....	5% 6%
<del>Sulfur.....</del>	<del>2.25%</del>

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**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS:** Causes eye irritation. Do not get in eyes. Harmful if swallowed inhaled or absorbed through the skin. Avoid breathing dust and contact with skin or clothing. Use eye protection and protective clothing (PPE) such as coveralls, a long-sleeved shirt and impermeable gloves when handling this product.

This product may cause skin sensitization reactions in some people.

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 to aerial drift. 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.

**ENTRY RESTRICTIONS:** Do not allow others to enter the treated area until dusts have settled. After incorporation is accomplished by watering in at least 1/2 inch of water, do not enter or allow others to enter the treated area until the surface is dry after the watering-in.

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

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.

### STORAGE AND DISPOSAL

**STORAGE:** Store in original container only. In case of spill, contain material and dispose of waste. **PESTICIDE DISPOSAL:** Do not contaminate water, food,

or feed by storage and 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. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

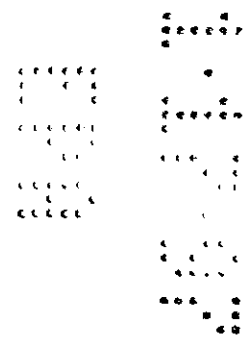
Treats Up To 12,500 Sq. Ft.  
Net Weight 50 Lbs.

EPA Reg. No. 572-324

EPA Est No. 961-PA-1  
9198-OH-1

Manufactured for  
Rockland Corporation  
West Caldwell, NJ 06007 USA

Product B32450  
0696



ACCEPTED  
with COMMENTS  
In EPA Letter Dated  
FEB 11 1997

Rockland

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
572-329

Turf Food ~~15-3-5~~ 25-3-9  
PLUS 1.15% "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
- Ryegrass(perennial)      Centipedegrass      Bahiagrass      Zoysiagrass

ACTIVE INGREDIENTS:

Benefin: N-butyl-N-ethyl-a,a,a-trifluoro-2,dinitro-p-toluidine.....0.77%

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**WARNING**

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GUARANTEED ANALYSIS:

Total Nitrogen (N).....	45%	25%	
1.2% Ammoniacal Nitrogen			
10.8% Urea Nitrogen			
3.0% Coated Slow Release Urea Nitrogen			
Available Phosphoric Acid (P <sub>2</sub> O <sub>5</sub> ).....	3%		
Soluble Potash(K <sub>2</sub> O).....	5%	1.5%	
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.

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  - 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.

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

EPA Reg. No. 572-324

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9198-OH-1

Manufactured for  
Rockland Corporation  
West Caldwell, NJ 06007 USA

Product B32450  
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