

**NOTICE OF PESTICIDE:**
 REGISTRATION  
 REREISTRATION

(Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended)

NAME OF PESTICIDE PRODUCT

Turf Star

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

James Brown  
 President  
 Howard Fertilizer Co.  
 P.O. Box 3800  
 Orlando, FL 32859

**NOTE:** Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/ reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.

2. Add the phrase, "EPA Registration No. "351.2-9" to your label before you release the product for shipment.

3. Submit five (5) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

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

Sincerely yours,

Robert J. Taylor  
 Product Manager (25)  
 Fungicide-Herbicide Branch  
 Registration Division (H7505C)

 ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

*Robert J. Taylor*

6/27/90

# TURF STAR

50 lbs. TREATS UP TO 11,000 SQ.FT. OF TURF

**PRE-EMERGENCE CONTROL OF  
CRABGRASS, GOOSEGRASS AND  
CROWFOOT ON TURF AND GOLF  
COURSES OF ESTABLISHED  
BERMUDGRASS AND BLUEGRASS**

**FOR SALE TO, USE AND STORAGE BY  
COMMERCIAL NURSERY, TURF AND  
LANDSCAPE PERSONNEL ONLY  
NOT FOR USE ON HOME LAWNS**

**ACTIVE INGREDIENTS:**

N-butyl-N-ethyl-alpha,alpha,alpha, trifluoro-2,6-dinitro-p-toluidine . . . . .	0.50%
<b>OXADIAZON:</b> 2-tert-butyl-4(2,4- dichloro-5-isopropoxyphenol) delta- 1,3,4 oxadiazolin-5-one . . . . .	1.00%
<b>INERT INGREDIENTS:</b> . . . . .	98.50%
Total	100.00%

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

**STATEMENTS OF PRACTICAL TREATMENT**

**IF SWALLOWED:** Call a physician or Poison Control Center. Induce vomiting by giving victim 1 or 2 glasses of water & touching back of throat with finger. Do not induce vomiting or give anything by mouth to and unconscious or convulsing person.

**IF IN EYES:** Hold eyelids open and flush with water.

**APPLICATION OF TURF STAR**

TURFSTAR is a selective pre-emergence herbicide for control of grass weeds in all varieties and hybrids of Bermudagrass and Bluegrass. Not for use on home lawns. When applied according to directions this product will not harm most nearby ornamental trees and shrubs. Apply to turf prior to weed seed germination since established weeds will not be controlled. Apply only to healthy established turf grass lawns. Make turf area free of leaves, mowing if necessary so that the herbicide reaches the soil surface. Measure area to be treated and uniformly apply the required amount. Do not apply to wet turf. If rain is not expected shortly after application, irrigate turf to wash herbicide into the soil surface for maximum weed control. Germination of overseeded grasses may be reduced up to 50% if seeded within 4 months of a spring application.

**WHEN, WHERE AND HOW TO APPLY**

**FOR CRABGRASS, GOOSEGRASS AND CROWFOOT CONTROL**  
For pre-emergent control of these weedy grasses apply 200 lbs. / acre or to turf before weed seeds germinate. Later applications may not be effective and are not recommended unless spring treatments have been delayed due to weather conditions and a pre-emergence herbicide will be required in the turf maintenance program. Apply to dry foliage only. Complete all aerifying/vercutting etc. operations before applying.

TURFSTAR contains Ureafom as the base fertilizer. It is a slow release, non-burning, non-leaching, odorless, and pathogen free source of nitrogen. When applied at 200 lbs. per acre it will supply the majority of total "N" nitrogen required for optimum growth of Bermudagrass and Bluegrass. Soil tests may indicate the requirement for additional nutrients during the season. Applied as needed.

**RESEEDING TREATED AREAS**

Delay spot reseeding at least 4 months after treatment.  
**SPREADER SETTINGS**

**ACCEPTED**  
JUL 29  
Under the Federal Insecticide, Fungicide, and  
Rodenticide Act, as amended, for the  
pesticide registration number  
EPA Reg. No. 35512-9

**BEST AVAILABLE COPY**

# TURF STAR

80 lbs. TREATS UP TO 11,000 SQ.FT. OF TURF

**PRE-EMERGENCE CONTROL OF CRABGRASS, GOOSEGRASS AND CROWFOOT ON TURF AND GOLF COURSES OF ESTABLISHED BERMUDGRASS AND BLUEGRASS**

**FOR SALE TO, USE AND STORAGE BY COMMERCIAL NURSERY, TURF AND LANDSCAPE PERSONNEL ONLY  
NOT FOR USE ON HOME LAWNS**

**ACTIVE INGREDIENTS:**

N-butyl-N-ethyl-alpha, alpha, alpha, trifluoro-2,6-dinitro-p-toluidine . . . . . 0.50%  
OXADIAZON: 2-tert-butyl-4(2,4-dichloro-5-isopropoxyphenol) delta-1,3,4-oxadiazolin-5-one . . . . . 1.00%

**INERT INGREDIENTS:** . . . . . 98.50%  
Total 100.00%

## KEEP OUT OF REACH OF CHILDREN CAUTION

**STATEMENTS OF PRACTICAL TREATMENT**

**IF SWALLOWED:** Call a physician or Poison Control Center. Induce vomiting by giving victim 1 or 2 glasses of water & touching back of throat with finger. Do not induce vomiting or give anything by mouth to and unconscious or convulsing person.

**IF IN EYES:** Hold eyelids open and thoroughly flush with a steady, gently stream of water. Get medical attention if irritation persists.

**IF ON SKIN:** Wash with plenty of soap and water. Get medical attention if irritation persists.

**IF INHALED:** Move individual to fresh air. Get medical attention.

**SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS  
PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION:** Causes eye and skin irritation. Avoid contact with skin, eyes or clothing. Thoroughly wash face and hands with soap and water after exposure and before eating or smoking. Wear protective clothing including long-sleeved shirt & gloves when handling. Launder exposed clothing before reuse. Do not allow domestic animals to graze treated areas. Avoid contamination of feed and foodstuffs.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish. Do not apply directly to water. Do not apply when weather conditions favor drift from areas treated. Do not apply where runoff is likely to occur. Do not contaminate water when disposing of equipment washwaters. Apply only as specified on this label.

**DIRECTIONS FOR USE**

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

## STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. **STORAGE:** Store product in its original container in a cool, dry, locked place out of reach of children. **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.

**BEST AVAILABLE COPY**

## APPLICATION OF TURF STAR

TURFSTAR is a selective pre-emergence herbicide for control of grassy weeds & all varieties and hybrids of Bermudagrass and Bluegrass. Not for use on home lawns. When applied according to directions this product will not harm most nearby ornamental trees and shrubs. Apply to turf prior to weed seed germination since established weeds will not be controlled. Apply only to healthy, established turf grass lawns. Rake turf area free of leaves, mowing if necessary so that the herbicide reaches the soil surface. Measure area to be treated and uniformly apply the required amount. Do not apply to wet turf. If rain is not expected shortly after application, irrigate turf to wash herbicide into the soil surface for maximum weed control. Germination of overseeded grasses may be reduced up to 50% if seeded within 4 months of a spring application.

## WHEN, WHERE AND HOW TO APPLY

**FOR CRABGRASS, GOOSEGRASS AND CROWFOOT CONTROL**  
For pre-emergent control of these weedy grasses apply 200 lbs. / acre or to turf before weed seeds germinate. Later applications may not be effective and are not recommended unless spring treatments have been delayed due to weather conditions and a pre-emergence herbicide will be required in the turf maintenance program. Apply to dry foliage only. Complete all aerifying/verticutting etc. operations before applying.

TURFSTAR contains Ureiform as the base fertilizer. It is a slow release, non-burning, non-leaching, odorless, and pathogen free source of nitrogen. When applied at 200 lbs. per acre it will supply the majority of total "N" nitrogen required for optimum growth of Bermudagrass and Bluegrass. Soil tests may indicate the requirement for additional nutrients during the season. Applied as needed.

## RESEEDING TREATED AREAS

Delay spot reseeding at least 4 months after treatment.

## SPREADER SETTINGS

The following spreader settings are for use with new equipment. Spreaders may need calibrating since proper application is based on the spreader's condition with regard to age and use, application speed and the unevenness of the terrain.

Spreader Brand	Setting To Apply 200 lbs./Acre
Scott R7X	N
Cyclone B-1	4

Use the Rate Charts for other Spreaders and set to apply Blue Chip or Nitroform at 200 lbs./acre.

## IMPORTANT

Use only on Bermudagrass and Bluegrass since other grasses may not be tolerant to this herbicide. Do not use on newly sprigged areas of Bermuda or Bluegrass until turf is established and is "filling in" or on newly seeded Bermuda or Bluegrass areas until after second cutting. Use only at the rate of 200 lbs. per acre. Do not apply to Bermuda grass which has been overseeded with winter grasses (such as annual rye) since thinning will occur. Do not use on greens or tees because of special cultural requirements.

## GUARANTEED FERTILIZER ANALYSIS

Total Nitrogen (N)	35%
Nitrate Nitrogen	0%
Ammoniacal Nitrogen	0%
Water Soluble Nitrogen and/or Urea Nitrogen	100%
Water Insoluble Nitrogen	25%
Available Phosphoric Acid (P <sub>2</sub> O <sub>5</sub> )	0%
Soluble Potash (K <sub>2</sub> O)	0%
Derived from Ureafomaldehyde(Ureaforn)	

## Germination Periods For Crabgrass

JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
	1	2	3	4							
NORTHERN TURF 1. Crabgrass, 2. Goosegrass and Crowfoot											
SOUTHERN TURF 3. Crabgrass 4. Goosegrass and Crowfoot											
*Apply 1 to 2 weeks before weed seed germination											

**NOTICE:** Buyer and user assumes all risk and liability of use, storage &/or handling of this material not in accordance with the terms of this label.

06-15-90

EPA REG. NO. 36612-0

NET WEIGHT 80 POUND

EPA EST. NO. 36612-FL-1

# HOWARD FERTILIZER COMPANY

P.O. BOX 13800 - ORLANDO, FL 32859