

Key #
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TURF PRIDE

WITH .5% SURFLAN PRE-EMERGENCE HERBICIDE

Contains SURFLAN®, a Pre emergent Herbicide for the Control of Crabgrass, Henbit, & Most Other Annual Broadleaf & Grassy Weeds in Lawns, Golf Courses, Parks, & other Ornamental and Recreational Turf areas

For Established Southern Lawns
Bahlagrass - Bermudagrass - Centipedegrass
St. Augustinegrass - Tall Fescue - Zoysiagrass

MAY BE APPLIED IN THE FALL OR SPRING FOR PRE EMERGENT CONTROL OF ANNUAL GRASSES AND BROADLEAF WEEDS OR WITH A SPLIT APPLICATION FOR LONGER LASTING WEED CONTROL

ACTIVE INGREDIENT:

ORYZALIN: 3,5 dinitro N ₄ N ₄ dipropylsulfanilamide	0.50%
INERT INGREDIENTS:	99.50%
Total	100.00%

SURFLAN® is the Registered Trade Mark of DowElanco for ORYZALIN

FOR BEST RESULTS APPLY AT THE PROPER TIME

Apply only to healthy established turf at least 1 to 2 weeks prior to germination of weed seeds since established weeds will not be controlled. All summer annual grasses do not germinate at the same time. Many weeds germinate in the fall. For this reason your application must coincide with the normal germination period. If applied too early or too late, erratic weed control will result. See Chart for proper timing. WATER THE LAWN AFTER APPLICATION: Best results will be obtained if treated areas are irrigated with 1/2 to 1 inch water soon after application. Any cultural practices that disturb the soil such as verticutting, should be done prior to treatment.

WINTER ANNUAL WEEDS

For pre emergence weed control of listed "winter annual" grassy and broadleaf weeds apply 50 lbs./5,500 Sq.Ft. of Lawn; (this is equal to 2.00 lbs herbicide per acre), Apply in the fall (as early as Mid September) or early winter at least one to two weeks prior to warm moist weather which is ideal for the germination of weed seeds. See Chart; (No.4).

SPRING ANNUAL WEEDS

For control of weeds as listed in late winter or spring apply 50 lbs. to cover 5,500 Sq.Ft. (equivalent to 2.0 lbs. herbicide per acre) Apply 1 to 2 weeks prior to the onset of conditions favorable for weed seed germination. See CHART; (No. 1).

SPLIT APPLICATIONS

FOR LONGER LASTING WEED CONTROL

FOR SPRING GERMINATING SUMMER ANNUAL GRASSES AND BROADLEAF WEEDS. A split application is desirable when the initial application is made well in advance of weed germination and where weed control is desired for a longer period of time 6 TO 8 MONTHS. It is especially recommended where tall fescue is the dominate turfgrass species. Therefore apply at the rate of 50 lbs to cover 7,300 Sq. Ft. (300 lbs./Acre) of turf area in the fall & the second application made at the same rate about 8 to 10 weeks following the initial applications. Example: (if applied on December 1, the 2nd application should be made in the first week the following February.)

LATE SPRING, & EARLY SUMMER ANNUAL WEEDS

Although classified as a summer annual grass, Goosegrass normally germinates 4 to 6 weeks later than the Crabgrass, Foxtails and other summer annual grass species. Certain Broadleaf weeds such as Prostrate and Spotted Spurge also may germinate "late". For best control of late germinating weeds this product should therefore be applied "later" than for early germinating weeds. See Chart; (No.2) Apply 50 lbs. to treat 5,500 (400 lbs./Acre) Sq.Ft. of turf in late spring or early summer one to two weeks prior to the expected weed seed germination.

POA ANNUA (ANNUAL BLUEGRASS)

Use 50 lbs./ 7,300 Sq. Ft. (300 lbs./Acre), applied in the fall before seed germinates. In areas of heavy infestation of annual bluegrass, its elimination will temporarily result in very thin turfgrass areas. Proper fertilization, irrigation and soil incorporated seeding or sprigging will encourage existing and newly planted seeds and turf to fill in these areas. See Chart; (No.3)

RESEEDING THE TREATED AREA

Delay reseeding for 90 to 120 days after application. Increase the amount of seed by about 25%. Keep area moist to help seed germinate.

SPREADER SETTINGS

SPREADER	400 lbs./ Acre -	300 lbs. / Acre
	50 lbs. / 5,500 SQ. FT.	50 lbs. / 7,300 SQ. FT.
CYCLONE B 1	50 lbs. 4-1/2	3-1/2
SCOTTS #35	50 lbs. 5	4

NOTE: Spreader rate varies with walking speed. Check spreader over known area. *See below

GUARANTEED FERTILIZER ANALYSIS

Total Nitrogen (N)	%
Nitrate Nitrogen	%
Ammoniacal Nitrogen	%
Water Soluble Organic Nitrogen (and/or Urea Nitrogen)	%
Water Insoluble Nitrogen	%
Available Phosphoric Acid (P ₂ O ₅)	%
Soluble Potash (K ₂ O)	%
Derived from Ammonium Sulfate, and Muriate of Potash	

WHEN TO APPLY

APPROPRIATE TIMES TO APPLY THIS PRE EMERGENT HERBICIDE

KEEP OUT OF REACH OF CHILDREN WARNING

STATEMENTS OF PRACTICAL TREATMENT

IF IN EYES: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Call a physician.
IF SWALLOWED: Call a physician or Poison Control Center immediately. Drink promptly a large quantity of milk, egg white, gelatin, or 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 difficulty occurs, move individual to fresh air and get medical attention.

SEE SIDE/BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS
EPA Reg. No. 35512-28 EPA EST. NO. 35512-FL-1

NET WEIGHT 50 POUNDS

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: 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. The granular formulation may cause skin sensitization reactions in certain individuals. Use eye protection and protective clothing such as overalls, a long sleeved shirt and impermeable gloves when handling this product. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

Do not contaminate water when disposing of equipment washwater.

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 bag, in a cool, dry, locked place out of reach of children. In case of spill, sweep up, and use according to directions or dispose of as follows. **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.

WHERE TO USE

When applied according to Directions this product can be used safely on the following established Southern Lawn, warm season turfgrass varieties: BAHLAGRASS, BERMUDAGRASS, CENTIPEDEGRASS, ST. AUGUSTINEGRASS VARIETIES, TALL FESCUE VARIETIES, & ZOYSIAGRASS lawns and ornamental turf. It may be used for Home Lawns, Apartment and Condominium complexes, Park, Golf Courses, Athletic Fields, Cemeteries and all other ornamental and recreational turfgrass areas.

A BROAD SPECTRUM PRE- EMERGENT HERBICIDE + FERTILIZER
FOR SOUTHERN LAWNS
CONTROLS GRASSY WEEDS & BROADLEAF WEEDS

This New product, gives excellent pre emergent control of GRASSY AND BROADLEAF WEEDS as listed. It contains SURFLAN® Herbicide (commonly known as ORYZALIN) in a free flowing combination herbicide fertilizer product.

GRASSY WEEDS

BEST AVAILABLE COPY

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ACCEPTED

SEP 25 1991

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 35512-29

14 22 3 15

ACTIVE INGREDIENT:

ORYZALIN: 3,5 dinitro N₄N₄ dipropylsulfanilamide 0.50%
INERT INGREDIENTS: 99.50%
 Total 100.00%

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KEEP OUT OF REACH OF CHILDREN
WARNING
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 EPA Reg. No. 35512-29 EPA EST. NO. 35512-FL-1

NET WEIGHT 50 POUNDS

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
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ENVIRONMENTAL HAZARDS
 Do not contaminate water when disposing of equipment washwater.

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GRASSY WEEDS

It should be applied to established turf for the control of ANNUAL BLUEGRASS (Poa Annua), BARNYARD GRASS, CRABGRASS (Large Crabgrass, Smooth Crabgrass), CROWFOOTGRASS, FOXTAILS (Bottlegrass, Bristlegrass, Giant Foxtail, Green Foxtail, Pigeongrass, Robust Foxtail, Yellow Foxtail), GOOSEGRASS (Silver Crabgrass), JOHNSON GRASS SEEDLINGS, RYEGRASS (Italian), and SANDBUR (field)

BROADLEAF WEEDS

Will also control many Broadleaf Weeds: CARPETWEED, COMMON CHICKWEED, HENBIT, KNOTWEED, COMMON PURSLANE. The following weeds may be suppressed by applications of this product: COMMON GROUNDSEL, PROSTATE SPURGE, YELLOW WOODSORREL.

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RESEEDING THE TREATED AREA

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Soluble Potash (K ₂ O)	%

(Derived from Ammonium Sulfate, and Murate of Potash)

WHEN TO APPLY

APPROPRIATE TIMES TO APPLY THIS PRE EMERGENT HERBICIDE

JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	1	1	1	1	1	1	1	1	1	1	1

1. For CRABGRASS and other Grasses & Broadleaf Weeds germinating in Late winter & spring.
2. For GOOSEGRASS and other Late Germinating Broadleaf Weeds and grasses.
3. For POA ANNUA in Southern Turf.
4. For Fall Applications to control WINTER ANNUALS, and for Split Applications to control SPRING GERMINATING SUMMER ANNUAL GRASSES and BROADLEAF WEEDS.

IMPORTANT PRECAUTIONS.

DO NOT apply in the spring to Bermuda Grass which has been overseeded with winter grasses (annual rye) since thinning will occur. DO NOT use on Dichondra, nor to newly sprigged areas of Bermuda grass, St. Augustine Grass or Centipede Grass, until these turfs are well established, nor to Bentgrass or putting greens. Do not apply in spring to new turfgrass planted the previous fall. DO NOT

NOTICE: Buyer and user assumes all risk and liability of use, storage and/or handling of this material not in accordance with the terms of this label. (Name chgs. amd., 07-01-81)

HOWARD FERTILIZER COMPANY
 P.O. BOX 593800 - ORLANDO, FL 32859-3800

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