

DowElanco

**DowElanco Turf and Ornamental Fertilizer
Contains Balan* 0.575% + Surflan* 0.575%**

A Granular Fertilizer Containing Balan and Surflan for the Preemergence Control of Crabgrass, Foxtall, Goosegrass, Poa Annua and Other Annual Weed Grasses In Established Turfgrasses and Ornamentals.

Active Ingredients:

N-butyl-N-ethyl- α,α,α -trifluoro-2,6-dinitro-p-toluidine	0.575%
oryzalin: 3,5-dinitro-N ⁴ ,N ⁴ -dipropylsulfanilamide.....	0.575%
Inert Ingredients	98.85%

Contains 0.575 pound active ingredient per 50 pound bag.

Guaranteed Analysis

Total Nitrogen (N).....	24.0%
Available Phosphoric Acid (P ₂ O ₅).....	6.0%
Soluble Potash ((K ₂ O).....	12.0%

EPA Reg. No. 62719-149
EPA Est. _____ (subregistrant)

Keep Out of Reach of Children

WARNING

Precautionary Statements

Hazards to Humans and Domestic Animals

Causes Eye Irritation • Do Not Get In Eyes • Harmful If Swallowed, Inhaled, Or Absorbed Through 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 coveralls, a long-sleeved shirt, shoes and impermeable gloves when handling this product. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

First Aid

If In Eyes: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Call a physician.

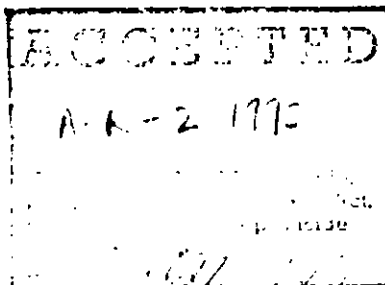
If Swallowed: Call physician or Poison Control Center. Drink promptly a large quantity of milk, egg white, gelatin solution, or, if these are not available, large quantities of water. Avoid alcohol.

If On Skin: Wash with plenty of soap and water. Get medical attention if irritation develops.

If Inhaled: If breathing difficulty occurs, move individual to fresh air and get medical attention.

Environmental Hazards

Do not contaminate any body of water by direct application, cleaning of equipment or disposal of wastes.



Directions for Use

It is a violation of federal law to use this product in a manner inconsistent with its labeling. Read all directions carefully before applying.

STORAGE AND DISPOSAL

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

Storage: Store in original container only. In case of leak or 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.

General Information

DowElanco's Turf Fertilizer Contains Balan and Surflan can be used as a selective preemergence herbicide for the control of most annual grasses and certain broadleaf weeds in:

Established Warm Season Turf

- Bahiagrass
- Bermudagrass
- Centipedegrass
- St. Augustinegrass
- Tall Fescue
- Zoysiagrass

Container Grown Ornamentals

Landscape Ornamentals

Ground Covers

The granular fertilizer containing Balan and Surflan is recommended to control the following weed species:

Annual Grasses Controlled

Summer Annuals

Barnyardgrass (watergrass)

Crabgrass

(Large crabgrass)

(Smooth crabgrass)

Crowfootgrass

Foxtails

(Bottlegrass)

(Bristlegrass)

(Giant foxtail)

(Green foxtail)

(Pigeongrass)

(Robust foxtail)

(Yellow foxtail)

Goosegrass

(Silver crabgrass)

Johnsongrass

(from seed only)

Lovegrass, little*

Oat, wild*

Ryegrass, annual

Sandbur, field

*Controlled only at ornamental rates.

Winter Annuals

Bluegrass annual

Annual Broadleaf Weeds Controlled

Summer Annuals

Carpetweed
Knotweed, prostrate
Purslane, common

Winter Annuals

Chickweed, common
Henbit

Annual Broadleaf Weeds Partially Controlled

Carrot, wild
Fleabane, dwarf
Groundsel, common
Mustard, Indiana
Spurge, prostrate
Woodsorrel, yellow

Approved Uses

Established Lawns and Golf Courses

This product should be applied one to two weeks prior to the anticipated germination of the target annual weeds and grasses at an application rate of 260 pounds of product per acre (6 pounds per 1000 sq. ft.). Apply using a properly calibrated granular fertilizer spreader which will uniformly distribute the product over the target area. Avoid skips and excessive overlaps, as poor control of turf or turfgrass injury may occur. Optimum weed control performance will be obtained if treated areas are irrigated soon after application. This product will not harm most nearby established ornamentals.

General Use Precautions

Do not reseed treated areas for a minimum of 12 weeks following treatment.

Do not apply this product to golf course putting greens, dichondra, or newly sprigged areas of bermudagrass, St. Augustinegrass, centipedegrass, or zoysiagrass.

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

Ornamentals

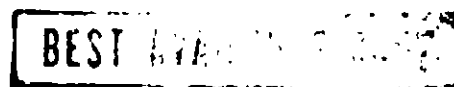
The granular fertilizer containing Balan and Surflan is a preemergence, surface applied herbicide for the control of most annual grasses and certain broadleaf weeds.

General Use Precautions

Apply only to established plantings. Rooted liners should be established in containers two weeks prior to treatment or crop injury may occur.

On container grown ornamentals, where weed seed germination continues for extended periods of time, subsequent applications of the granular fertilizer containing Balan and Surflan should not be made any sooner than 90 days after application or crop injury may occur.

Do not apply in ornamental plantings where the likelihood of runoff onto lawn areas containing dichondra or cool season turfgrass species exist as severe injury or death may occur. Poor weed control may result if directions are not followed. Over application may result in crop injury or excessive soil residue.



Plant only ornamental species listed on this label into soil treated the previous season with the granular fertilizer containing Balan or Surlan or injury may occur.

Soil Preparation

The granular fertilizer containing Balan and Surlan will not control established weeds. Areas to be treated should be free of established weeds or controlled with postemergence herbicides. Weed residues, prunings and trash should be thoroughly mixed into the soil or removed prior to treatment. The soil should be in good tift and free of clods at the time of application.

Application Equipment

Apply evenly over the area. Both drop type and rotary type spreaders may be used. Avoid the use of spreaders which may apply the material in narrow concentrated bands. For best results, use equipment designed to apply granular herbicides and insecticides. Calibrate application equipment prior to use according to the manufacturer's directions. Check frequently to be sure equipment is working properly and distributing granules uniformly.

Activation and Cultivation

The granular fertilizer containing Balan and Surlan will remain stable on the soil surface; however, rainfall or irrigation is needed to move the chemical into the soil. If weeds begin to emerge due to lack of rainfall or irrigation, shallow cultivate (1 to 2 inches) to destroy existing weeds and place the chemical in the weed germination zone. Shallow cultivation (1 to 2 inches) will not reduce herbicidal effectiveness.

Ornamental Plants

The granular fertilizer containing Balan and Surlan is recommended for use on the following species. All species on the following list may be treated when field grown; those species marked with an asterisk may also be treated when container grown. Species not marked with an asterisk should not be treated if container grown.

<u>Common Name</u>	<u>Scientific Name</u>
Bamboo, Heavenly	<i>Nandina domestica</i>
Bottlebrush	<i>Callistemon</i> spp.
Boxwood, Japanese	<i>Buxus microphylla</i>
Capeweed, African	<i>Arctotheca calendula</i>
Daisy, Trailing African	<i>Osteospermum fruticosum</i>
Fescue, Blue	<i>Festuca ovina</i>
Firethorn, Scarlet*	<i>Pyracantha coccinea</i>
Gazania	<i>Gazania</i> spp.
Ice-plant, Largeleaf	<i>Mesembryanthemum edule</i>
Ice-plant, Red Trailing	<i>Lampranthus spectabilis</i>
Ivy, Algerian	<i>Hedera canariensis</i>
Ivy, English	<i>Hedera helix</i>
Juniper	<i>Juniperus</i> spp.
Lily-of-the-Nile*	<i>Agapanthus africanus</i>
Oleander*	<i>Nerium oleander</i>
Olive	<i>Olea europaea</i>
Peppertree, California	<i>Schinus molle</i>
Photinia	<i>Photinia</i> spp.
Raphiolepis	<i>Raphiolepis</i> spp.
St. Johnsworth	<i>Hypericum</i> spp.

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Precaution

Ice-Plant: When establishing unrooted Ice-plant on coarse soils in landscape plantings use only the 348 pound rate or crop injury may occur. After the Ice-plant is well established, a second application may be made.

595

Broadcast Application Rates

Apply the granular fertilizer containing Balan and Surflan prior to the germination of annual weeds. For preemergence control, apply 348-522 pounds per acre. Use the higher application rate when control of weeds is desired for a longer period, 6-8 months.

For application to small areas, apply the following amounts of product.

<u>Per Acre</u>	<u>Per 1000 Sq. Ft.</u>
348 pounds	8 pounds
522 pounds	12 pounds

WARRANTY INFORMATION

(Subregistrant may include appropriate statements to address Warranty Disclaimer, Inherent Risks of Use or Limitation of Remedies pertaining to use of this product.)

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DowElanco • Indianapolis, Indiana 46268-1189, U.S.A.

3/4/92

Revisions:

1) Label edited to reflect DowElanco transfer.