

55615-1 PM25 1982

# WILBRO GARDEN WEEDER With Surflan® Herbicide

SURFLAN® is the Registered Trade Mark of the Elanco Products Co. for ORYZALIN



**ACCEPTED**  
JUL 29 1987  
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 55615-1

## WEED & FEED FOR FLOWERS AND SHRUBS FOR USE ON ESTABLISHED FLOWERING PLANTS AND ORNAMENTALS SHRUBS

This product may be used for pre-emergent weed control, of weeds listed below, in the plant beds of the following established ornamental trees, shrubs and flowering plants: Do not use on Vegetables or Edible plants.

**ACTIVE INGREDIENT:**

Oryzalin: 3,5-dinitro-N4,N4-dipropylsulfanilamide.....0.40%

**INERT INGREDIENTS:**.....99.60%

Total 100.00%

**Wilbro Inc.**  
Norway, SC 29113  
EPA REG. NO. 55615-1  
EPA EST. NO. 55615.SC-1  
**NET WEIGHT 25 POUNDS**

Fertilizer guarantee found on separate tag.

### 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, 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 difficulty occurs, move individual to fresh air and get medical attention.

### 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 coveralls, 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 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.

### 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 APPLY

ABELIA, APPLE ARBORVITA, AZALEA, BARBERRY-Japanese, BIRD OF PARADISE, BOXWOOD-Common-Japanese, CALIFORNIA LAUREL, CHRYSANTHEMUM, COTONEASTER, CRAPEMYRTLE, CYPRESS, DAISY, DOUGLAS FIR, EASTER CACTUS, EUCALYPTUS, EUONYMOUS-Evergreen, FIR-Varieties, FIRETHORN-Varieties, FOR-

SYTHIA, GERANIUM, GLADIOLUS, HIBISCUS, HOLLY-Japanese, IVY-English-Algerian, JUNIPER-Varieties, LAUREL CHERRY, LILAC, LILY OF THE VALLEY, MAGNOLIA, MAPLE, MOCKORANGE, MYRTLE, OAK, OLEANDER, OREGON GRAPE, PANSY, PEAR-Barlett, PERIWINKLE, PETUNIAS, PIERIS-Japanese, PINE-Varieties, PODOCARPUS, PRIVET-Amur-Japanese, RED CEDAR, RHODODENDRON, ROSE, ROSE OF SHARON, SHRIMP PLANT, SPRUCE-Varieties, SWEETGUM, TRUMPET VINE, VIBURNUM-Laurestinus, WEIGELA, WINTERCREEPER, YEW-Japanese, YUCCA, ZINNIA.

### GRASSY WEEDS

For the control of germinating seeds of ANNUAL BLUEGRASS (Poa Annua), BARNYARD GRASS, BROWNTOP PANICUM, CRABGRASS (Large Crabgrass, Smooth Crabgrass), CROWFOOTGRASS, CUPGRASS, FOXTAILS (Bottlegrass, Bristlegrass, Giant Foxtail, Green Foxtail, Pigeongrass, Robust Foxtail, Yellow Foxtail), GOOSEGRASS (Silver Crabgrass), JOHNSON GRASS SEEDLINGS, JUNGLERICE, LOVEGRASS (Mexican, Orcutt), FALL PANICUM, RYEGRASS (Italian), SANDBUR (field), SPRANGLETOP (red), TEXAS PANICUM (Buffalograss, Coloradograss), WILD OAT, and WITCHGRASS.

### BROADLEAF WEEDS

For control of germinating seeds of Broadleaf Weeds such as: BITTERCRESS, CARPETWEED, COMMON CHICKWEED, FIDDLENECK (Coast), FILAREE (Redstem, Whitestem), GROUNDSEL, HENBIT, KNOTWEED, LAMBSQUARTER, PIGWEEDS, PUNCTURE VINE, COMMON PURSLANE, FLORIDA PUSLEY, LONDON ROCKET, ROCK PURSLANE, SHEPARDSPURGE, PROSTRATE SPURGE, WOODSORREL (Creeping).

This is a double action product for Home-Owner use. 1) Feeds flowers and other plants for a luxuriant growth and bloom. 2) Prevents broadleaf and grassy weeds from getting started in plant beds.

### WHEN & HOW TO APPLY

Apply anytime after trees, shrubs & flowers are well established; (flowers should be at least 5 to 6 inches high) and before weeds emerge. If weeds are present before application, remove them by pulling or cutting since this product only kills sprouting "seeds"; not established weeds. Rake and "smooth-out" the plant bed by breaking clumps of soil. Spread granules evenly over the area at the rate of 1 1/2 lbs./100 Sq. Ft. of plant bed. Weeds will sprout in areas that have been missed! For large areas use 1 1/2 lbs./1,000 Sq. Ft. (25 lbs./2,175 Sq. Ft.) A second application in 3 to 4 months will give continued pre-emergence weed control through the growing season.

### AFTER APPLICATIONS

Lightly sprinkle the area with 1/4 to 1/2 inch of water to activate the Herbicide-Fertilizer Mixture.

### CONCERNING SPREADER SETTINGS INSTRUCTIONS

The following spreader settings are for use with new equipment. Your spreader may need calibrating since proper application is based on the spreader condition with regard to age and use, your walking speed and the unevenness of the terrain. Poor weed control will result from uneven or improper application.

### SPREADER SETTINGS

SPREADER	BAG SIZE	2,175 SQ. FT.	3,000 SQ. FT.
		1 1/2 lbs./1,000 Sq. Ft.	1 lbs./1,000 Sq. Ft.
CYCLONE B-1	25 lbs.	7 1/2	6
SCOTTS #35	25 lbs.	9 1/2	8

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

NOTE: 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.



# WILBRO CRABGRASS CONTROL PLUS

With Sun-an® Herbicide

SURFLAN® is the Registered Trade Mark of the Elanco Products Co. for ORYZALIN



Contains SURFLAN®, a Pre-emergent Herbicide for the Control of Crabgrass, Herb, and Most Other Annual Broadleaf and Grassy Weeds in Lawns, Golf Courses, Parks, and other Ornamental and Recreational Turf areas. FOR ESTABLISHED SOUTHERN LAWNS: Bahiagrass - Bermudagrass - Centipedegrass - St. Augustinegrass - Tall Fescue - Zoysiagrass. MAY BE APPLIED IN THE FALL OR SPRING OR WITH A SPLIT APPLICATION FOR LONGER LASTING WEED CONTROL. FOR PRE-EMERGENT CONTROL OF ANNUAL GRASSES AND BROADLEAF WEEDS

**ACTIVE INGREDIENTS:**  
Oryzalin: 2,5-dialo-N,N-dipropylsulfonamide ..... 0.40%  
**INERT INGREDIENTS:** ..... 99.60%  
Total 100.00%

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NET WEIGHT 26 POUNDS  
Fertilizer guarantees found on separate bag

## 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, 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 difficulty occurs, move individual to fresh air and get medical attention.

### 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 coveralls, a long-sleeved shirt and impervious 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 any body of water by direct application, cleaning of equipment or disposal of wastes.

### DIRECTIONS FOR USE

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## STORAGE AND DISPOSAL

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### WHERE TO USE

When applied according to Directions this product can be used safely on the following established Southern Lawn, warm season turfgrass varieties: BAHIAGRASS, BER- MUDAGRASS, 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.

**CRABGRASS CONTROL + FERTILIZER**  
A BROAD SPECTRUM PRE-EMERGENT HERBICIDE + FERTILIZER  
FOR SOUTHERN LAWNS

### CONTROLS GRASSY WEEDS & BROADLEAF WEEDS

This New product, backed by ELANCO research, 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

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 Fox-tail, Pipegrass, Robust Foxtail, Yellow Foxtail), GOOSEGRASS (Silver Crabgrass), JOHNSON GRASS SEEDLINGS, RYEGRASS (Italian), SANDBUR (field).

#### BROADLEAF WEEDS

Will also control many Broadleaf weeds: CARPETWEED, COMMON CHICKWEED, HEN- BIT, KNOTWEED, COMMON PURSLANE.

THE FOLLOWING WEEDS MAY BE SUPPRESSED BY APPLICATIONS OF THIS PRODUCT

Common Groundsel, Prostrate Spurge, Yellow Woodsores

### 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 Bermudagrass, 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 OVER-DOSE OR OVERLAP.

### WHEN TO APPLY

#### FOR BEST RESULTS APPLY AT THE PROPER TIME

Apply only to healthy established turf at least 1 or 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 verticillating, should be done prior to treatment.

### WINTER ANNUAL WEEDS

#### FOR CONTROL OF WINTER ANNUAL BROADLEAF AND GRASSY WEEDS IN SOUTHERN LAWNS

For pre-emergence weed control of listed "winter annual" grassy and broadleaf weeds apply 26 lbs. per 2,175 Sq. Ft. of lawn; (this is equal to 2.0 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.

### SPRING ANNUAL WEEDS IN SOUTHERN LAWNS

For control of weeds as listed in late winter or spring apply 26 lbs. to cover 2,175 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.

### 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 - 8 to 12 months. It is especially recommended where tall fescue is the dominant turfgrass species. Therefore apply at the rate of 26 lbs. to cover 2,175 Sq. Ft. of turf area in the fall and the second application made at the same rate about 8 to 10 weeks following the first application. Example: If applied on December 1, the second application should be made around the first week of the following February.)

### LATE SPRING & EARLY ANNUAL WEEDS IN SOUTHERN LAWNS

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 the early germinating weeds. Apply 26 lbs. to cover 2,175 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 26 lbs. per 2,175 Sq. Ft. applied in the fall before seed germination. 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.

### WHEN TO APPLY

#### APPROPRIATE TIMES TO APPLY THIS PRE-EMERGENT HERBICIDE

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1.	/	/	/	/	/	/	/	/	/	/	/	/
2.	/	/	/	/	/	/	/	/	/	/	/	/
3.	/	/	/	/	/	/	/	/	/	/	/	/
4.	/	/	/	/	/	/	/	/	/	/	/	/

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

### RESEEDING THE TREATED AREA

Delay reseeding for 90 to 120 days after application. Increase the amount of seed by about 25%. Employ good cultural practices to help germinate the seed.

### SPREADER SETTINGS

SPREADER	BAG SIZE	2,175 SQ. FT.	3,000 SQ. FT.
		1 1/2 lbs./1,000 Sq. Ft.	8 lbs./1,000 Sq. Ft.
CYCLONE B-1	25 lbs.	7 1/2	6
SCOTT'S #35	25 lbs.	9 1/2	8

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

The above spreader settings are for use with new equipment. Your spreader may need calibrating since proper application is based on the spreader condition with regard to age and use, your walking speed and the unevenness of the terrain. Poor weed control will result from uneven or improper application.

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**Surlan**