



HERBICIDE

PROKōZ[®] SURFLAN AS

A highly effective selective pre-emergence herbicide for control of many annual grasses and small seeded broadleaf weeds, in commercial and residential landscape ornamental plantings, nurseries, Christmas tree plantations, golf courses and other turf and ornamental settings including non-cropland and industrial sites.

- Provides long-lasting control of more than 50 broadleaf and grassy weeds
- Controls a large number of annual grasses and broadleaf weeds such as goosegrass, barnyardgrass, crabgrass, lady's thumb, black nightshade and common ragweed
- Gentle on more than 400 container and field grown ornamentals
- Listed annual plants include marigold, geranium, petunia and pansy
- Non-phytotoxic to many trees, shrubs, perennials and non-bearing trees and vines
- An excellent tank mix partner with Glyphosate Pro 4 for non-selective residual control

ACTIVE INGREDIENTS

Oryzalin40.4%
 Contains 4.0 pounds of active ingredient per gallon

PACKAGING.....2 x 2 ½ gallon / case

Shake well before using

Application Sites

Container grown ornamentals; field grown ornamentals; landscape ornamentals; drainage areas under shadehouse benches; ornamental bulbs; ground covers / perennials; Christmas tree plantations, non-bearing fruit and nut trees and non bearing vineyards; non cropland and industrial sites; warm season turf (including bahiagrass, bermudagrass; buffalograss, centipedegrass, St. Augustinegrass, and zoysiagrass) and tall fescue in warm season areas.

How Surflan works!

Surflan controls weeds as they germinate by inhibiting the growth of the developing root. Surflan will not control actively growing weeds.

To control actively growing weeds, Mix PROKōZ Surflan with Glyphosate Pro 4 or other non selective post-emergent herbicides. Care must be followed not to apply these tank mixes to desired plants.

Activation and cultivation

Surflan AS will remain stable on the soil surface up to 21 days following application. In the absence of timely rainfall, irrigation can be used to activate Surflan AS. A minimum of one-half (1/2) inch of rain or its equivalent in sprinkler irrigation is necessary for activation.

Surflan is orange in color and may cause temporary discoloration of sprayed surfaces. If this discoloration is undesirable, it may be altered by using a commercially available colorant such as PROKōZ SPI MAX or Blazon or be removed by washing the surface with water and / or an industrial detergent immediately after application. Surflan can be applied along with mulch colorants

**This information is intended as a guideline only.
Always read and follow label directions.**

Flexibility

Treatment of Plant Species Not Listed on the Label for Surflan AS

Users who wish to use Surflan AS on plant species not specified on this label may determine the suitability for use by treating a small number of such plants at a recommended rate. Prior to treatment of larger areas, the treated plants should be observed for any sign of herbicidal injury during 30-60 days of normal growing conditions to determine if the treatment is non-injurious to the target plant species. The user assumes responsibility for any plant damage or other liability resulting from use of Surflan AS on plant species not listed on this label.

Broadcast Application Rates for Ornamental Plantings				Broadcast Application Rates for Ornamental Bulbs			
	<i>Length of control</i>	<i>Qt. per Acre</i>	<i>Fl. Oz. per 1000 sq ft</i>	<i>Time of application</i>	<i>Soil texture</i>	<i>Qt. per Acre</i>	<i>Fl. Oz. per 1000 sq ft</i>
Landscape Ornamentals	2-4 months	2 qt.	1.5 oz.	Fall	Coarse	.75 qt.	0.5 oz.
	3-6 months	3 qt.	2.2 oz.	Fall	Medium	1.5 qt.	1 oz.
	4-8 months	4 qt.	3 oz.	Fall	Fine	1.5 qt.	1 oz.
Field-grown and container-grown ornamentals	2-4 months	2 qt.	1.5 oz.	Late winter /early spring	All	.75 qt.	0.5 oz.
	3-6 months	3 qt.	2.2 oz.				
	4-8 months	4 qt.	3 oz.				

Broadcast Application Rates for Non-Cropland Areas and Industrial Sites			
	<i>Length of control</i>	<i>Qt. per Acre</i>	<i>Fl oz per 1000 sq ft</i>
Non-plant Landscape chemical trimming and edging; stone gravel and mulched areas	2-4 months	2 qt.	1.5 oz.
	3-6 months	3 qt.	2.2 oz.
	4-8 months	4 qt.	3 oz.
	8- 12months	6 qt.	4.5 oz.
Tank mixes with non selective herbicides containing 41% glyphosate	A commonly used ratio of 3 ounces of Surflan along with 3 ounces of Glyphosate Pro 4™ complies with label requirements. See labels of each product for specific instructions.		

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Broadcast Application Rates for Warm Season Turfgrasses		
<i>Use Area</i>	<i>Qt. per Acre</i>	<i>Fl oz per 1000 sq ft</i>
All except Florida	1.5 qt.	1
	2 qt.	1.5
Florida	1.5 qt.	1

Re-entry Intervals (REIs)

The re-entry interval, (REI) for this product is 24 hours. Proper Personal Protective Equipment (PPE) is required for application and for early entry into treated areas. Workers may enter treated areas without the required PPE within the reentry interval following ½ to 1 inch of rainfall or irrigation if they are performing tasks that do not involve contact with the soil subsurface. PPE required for early entry is coveralls, shoes plus socks, and chemical resistant gloves. (Refer to complete label).

Personal Protective Equipment (PPE)

Applicators and other handlers must wear long sleeve shirt, long pants, shoes plus socks, chemical resistant gloves, Mixers and loaders must wear a chemical resistant apron in addition to other PPE requirements.

Environmental Hazards

This pesticide is toxic to fish. Do not apply directly to water. (Refer to label for complete environmental statement)

Notice: This fact sheet is not a label and does not warrant any use of PROKoZ Surflan. Refer to and read the entire label prior to the use of PROKoZ Surflan. Use according to label directions.

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