

SUREGUARD®

NEW LABEL

MORE USE SITES • MORE WEEDS CONTROLLED

KEEP CONTAINER- AND FIELD-GROWN ORNAMENTALS AND MANY BARE GROUND AREAS WEED FREE.

In addition to outstanding weed control in field-grown ornamentals, SureGuard® Herbicide now features a new expanded label in Canada as a pre-emergence herbicide to control select grass and broadleaf weeds in and around container-grown ornamental deciduous and coniferous trees, including non-bearing fruit and nut trees. SureGuard also offers expanded vegetative management uses, including several new bare ground application areas.

SureGuard is proven to provide long-lasting pre-emergence control of a broad spectrum of weeds, now including common chickweed and waterhemp, plus the suppression of moss and liverwort. SureGuard can be applied in the late fall or winter (after two hard freezes up to bud break in the spring) to deliver control that activates in the spring and lasts through early summer.

KEY BENEFITS

- Long-lasting, pre-emergent control of annual broadleaf weeds and grasses
- Low water solubility for long residual control of tough weeds in a nursery setting
- Binds tightly to soil to reduce runoff
- Novel mode of action supports resistance weed management strategies
- Proven pre-emergent weed control that saves costly hand weeding
- Broad-spectrum control of tough broadleaf weeds
- Excellent crop safety (when used as per label)
- When tank mixed with glyphosate, provides superior knockdown and long residual even on glyphosate resistant weeds

WEEDS CONTROLLED	APPLICATION RATES	APPLICATION NOTES
Canada fleabane, chickweed (common), dandelion, Eastern black nightshade, green foxtail, hairy nightshade, kochia, lamb's-quarters (common), Palmer amaranth, pigweed (green, redroot), ragweed (common), waterhemp SUPPRESSED: liverwort, moss, volunteer canola (including tolerant varieties)	COARSE-TEXTURE SOIL: 280 g/ha	PRE-EMERGENCE: Apply prior to weed emergence. POST-EMERGENCE: When weeds are already emerged, apply as a tank mix with glyphosate product, present as isopropyl amine or potassium salt, at 1.2 kg a.i./ha. Apply only as a directed, shielded or hooded spray to established trees. Moisture is necessary to activate SureGuard Herbicide in soil for residual weed control. When adequate moisture is not received after application, weed control may be improved by irrigation with at least 1/2–1 cm of water.
	MEDIUM-TEXTURE SOIL: 420 g/ha	

NEW PRODUCT LABEL HIGHLIGHTS

- NEW BARE GROUND APPLICATIONS
- ADDITIONAL ORNAMENTAL USES
- MORE LABELLED WEEDS
- EXPANDED LIST OF CONIFEROUS AND DECIDUOUS TOLERANT SPECIES

PCP NO.	29236	WSSA GROUP	14
ACTIVE INGR.	flumioxazin (51.1%)		
FORMULATION	water-dispersible granule		
CHEM. FAMILY	N-phenylphthalimide		
PACKAGE SIZE	4 x 2.27 kg case		
RAINFAST	adequate moisture needed for activation, avoid application when heavy rain is forecast		
APPLICATION / SEASON	two		
SURFACTANT NEEDED	as needed		
KEY USES	outdoor container- and field-grown ornamentals, bare ground non-crop areas		



APPLICATION FLEXIBILITY



Apply SureGuard after two hard freezes (late fall to early winter) until bud break in the spring to deliver control that activates in the spring and lasts through early summer.

SUREGUARD®

NOW LABELLED FOR MORE APPLICATION USES

BARE GROUND APPLICATIONS

- Parking areas, plant sites, substations, pumping stations, oil yards/substations and tank farms
- Brick yards, industrial plant sites, lumber yards and storage areas
- Around buildings and other structures (do not apply within any enclosed structure)
- Along fence rows, on gravel surfaces and driveways

ORNAMENTAL APPLICATIONS

- Established container-grown ornamental deciduous and coniferous trees, including non-bearing fruit and nut trees
- Established field-grown ornamental deciduous and coniferous trees, including Christmas trees and trees produced for reforestation
- Non-crop areas in and around ornamental nurseries

NOTE:

- Only apply over top of dormant plants after two frost events. If plant is actively growing a guard should be used so that no product touches the actively growing plant
- Do not apply to trees established less than 1 year, unless protected from spray contact by non-porous wraps, grow tubes or wax containers

SEE THE RESULTS IN FIELD-GROWN ORNAMENTALS



TREATED WITH SUREGUARD



UNTREATED CHECK

LIVERWORT CONTROL IN GROWTH ROOM

University of Guelph conducted a growth-room study of the effectiveness of 15 herbicide treatments for liverwort. SureGuard's active ingredient, flumioxazin, was observed to have excellent control of liverwort 14 days following application.



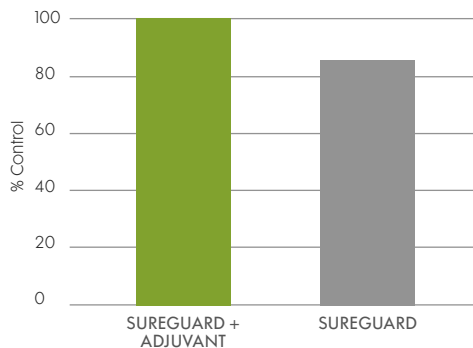
UNTREATED



SUREGUARD
107.3g ai/ha



SUREGUARD +
ADJUVANT
107.3g ai/ha +
0.25% v/v



KEEP ORNAMENTALS WEED FREE

Once applied and activated by rain or irrigation, SureGuard forms a herbicide layer on the soil surface. As weeds germinate they come in contact with the herbicide layer and sunlight exposure which disrupts cell membranes and causes seedling death.

TOLERANT CONIFEROUS TREE SPECIES

- Cedars
- Firs
- Hemlock
- Junipers
- Pines
- Spruce
- Yew

*see label for additional species and details

TOLERANT DECIDUOUS TREE SPECIES

- Non-bearing fruit trees
- Ash
- Dogwood
- Lilac
- Maple
- Oak
- Poplar

*see label for additional species and details

GLYPHOSATE PARTNER

Proven to be an excellent tank mix partner with glyphosate herbicides to enhance knockdown performance and add long-lasting residual control (even on glyphosate-resistant weeds)



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