

HERBICIDE

SEMERATM SC

LONG-LASTING, VEGETATION MANAGEMENT WITH FLEXIBLE APPLICATION SITES

SemeraTM SC herbicide offers pre and post emergent control of problematic grasses and broadleaf weeds in non-crop areas where bare ground is desired. Semera SC is also effective as a fast-acting contact herbicide that protects aquatic sites from a variety of submersed, emergent and floating weeds.

For use in non-crop areas, Semera SC is an excellent choice for long-lasting control of a wide range of weeds like kochia, pigweed, Russian thistle and more. The active ingredient, flumioxazin, works by inhibiting an essential enzyme required by plants for chlorophyll biosynthesis, both when sprayed on contact and through preemergence soil control. Take control today and prevent undesirable vegetation with Semera SC.

KEY BENEFITS

- Quick and selective residual control
- Flexible application options
- Unique mode of action
- Compatible with other post-emergent herbicides for extended control
- Exceptional value
- Easy to use and store formulation and packaging

KEY USES

- Conifer and poplar re-forestation sites
- Container and field-grown conifers and deciduous trees
- Dormant bermudagrass
- Established woody ornamentals in landscapes
- Non-crop areas
- Slow moving or quiescent waters

Refer to label for specific use restrictions.



PRODUCT NOTES

EPA REGISTRATION NUMBER

91234-204

ACTIVE INGREDIENT

Flumioxazin 41.4%

FORMULATION

Suspension Concentrate

HRAC NUMBER

14

PACKAGE SIZE

24 x 8 fl oz

4 x 1 gal

RESTRICTED USE

No



Relevant. Simple. Reliable.

USE PRECAUTIONS AND RESTRICTIONS

- There is no post-application holding restriction against use of treated water for drinking or recreational purposes (e.g. swimming, fishing).
- Do not apply more than 12 fl oz (0.38 lb ai) of Semera SC per acre per application.
- Do not apply more than 24 fl oz (0.75 lb ai) of Semera SC per acre per year.
- Do not apply more than 2 applications at 12 fl oz (0.38 lb ai) per acre or 3 applications at 8 fl oz (0.25 lb ai) per acre per year.
- Do not apply in enclosed greenhouse structures if plants are present.
- Do not move plants for 24 hours into enclosed greenhouses until the area treated with this product has been watered.
- Do not apply when weather conditions favor spray drift from treated areas.
- Do not graze treated fields or hay to livestock.
- Do not incorporate into soil after application.
- Do not apply Semera SC through any type of irrigation system.
- Do not apply when plants are under stress from insects, diseases, animals or winter injury, planting shock or any other stresses.
- Only apply to healthy established trees and ornamentals.
- Do not apply to intertidal or estuarine areas.
- Do not exceed 400 ppb of Semera SC during any one application.
- Do not re-treat the same section of water with Semera SC more than 6 times per year.
- Do not retreat the same section of water within 28 days of application, except in areas with dense weed vegetation. In these areas, treat the remaining weeds within 10 to 14 days.
- In high density weed populations only treat 1/2 the water body at one time.
- Treated water may not be used for irrigation purposes on food crops until at least five (5) days after application.
- Do not use in water utilized for crawfish farming.
- Treated water may be used for irrigation purposes on turf and landscape ornamentals as outlined in the Irrigation Restrictions Following Application table.

IRRIGATION RESTRICTIONS FOLLOWING APPLICATION

APPLICATION METHOD	APPLICATION RATE	AVERAGE WATER DEPTH	TURF AND LANDSCAPE ORNAMENTALS	ORNAMENTALS GROWN FOR PRODUCTION IN GREENHOUSE AND NURSERY
Surface Spray	6 to 12 oz per surface acre	Greater than 3 ft	None	5 days
		Less than 3 ft	12 hours	5 days
Subsurface	Less than 200 ppb	N/A	1 day	5 days
	200 to 300 ppb	N/A	2 days	5 days
	300 to 400 ppb	N/A	3 days	5 days

Refer to product label for complete application and mixing instructions.

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KEY WEEDS

Alyssum, hoary
 Amaranth (palmer, spiny)
 American burnweed
 Barnyardgrass*
 Beggarweed, florida
 Bittercress, hairy
 Bluegrass, annual
 Burclover, california
 Carpetweed
 Chamberbitter
 Chickweed (common, mouseear)
 Crabgrass (large*, smooth*, southern*)
 Croton, tropic
 Dandelion*
 Dogfennel
 Doveweed
 Eclipta
 Filaree, redstem*
 Foxtail (bristly*, giant*, green*, yellow*)
 Galinsoga, hairy
 Geranium, carolina
 Goosegrass*
 Groundsel, common
 Groundsel, tree
 Henbit
 Horseweed*
 Indigo, hairy
 Ivy, ground*
 Jimsonweed
 Kochia
 Kyllinga, green*
 Ladysthumb
 Lambsquarters, common
 Liverwort
 Lovegrass, california*
 Mallow (common, little, venice)
 Marsh parsley
 Mayweed*
 Morningglory (entireleaf, ivyleaf, red/scarlet, smallflower, tall)
 Moss
 Mulberry weed
 Mustard (tumble, wild)
 Nightshade (black, eastern black, hairy)
 Northern willowherb
 Panicum (fall*, texas*)
 Parsley-peirt
 Pearlwort, birdseye*
 Pennycress, field
 Phyllanthus, longstalked
 Pigweed (prostrate, redroot, smooth, tumble)
 Pineapple-weed*
 Plantain (broadleaf*, buckhorn*)
 Pointsettia, wild
 Pondweed, sago
 Puncturevine
 Purslane, common
 Pusley, florida
 Ragweed (common, giant)
 Redmaids
 Redweed
 Rocket, yellow
 Senna, coffee
 Sesbania, hemp
 Shepherd's-purse
 Sida, prickly (teaweed)
 Signalgrass*
 Smartweed, pennsylvania
 Sowthistle, annual
 Spiderwort, tropical
 Spurge (petty, prostrate, spotted)
 Starbur, bristly*
 Tassle-flower
 Thistle (canada*, russian)
 Velvetleaf
 Waterhemp (common, tall)
 Woodsorrel, yellow*

*Preemergence control only
(Refer to product label for complete list)