



LONG-LASTING WEED CONTROL WITH SEMERA™

Semera™ 51.0% WDG Herbicide is a pre-emergence and early post-emergence herbicide for control of selected grass and broadleaf weeds in and around ornamental woody shrubs, deciduous trees and conifers grown outdoors in containers or in the field (in ground), to maintain bare ground non-crop areas and dormant warm season turfgrass.

Semera 51.0% WDG is a fast-acting contact herbicide that controls selected submersed, emergent and floating aquatic weeds. It is most effective when applied to young, actively growing weeds in water with a pH of less than 8.5. Application to public aquatic areas may require special approval and/or permits. Consult with local state agencies.

Outstanding Pre-emerge Performance:

- Fast-acting, residual control
- Broad-spectrum control of tough weeds
- Flexible application options
- Unique mode of action
- Excellent tank-mix partner
- Exceptional value
- Doesn't volatilize and move off target

Key Uses

- Container and field-grown conifers and deciduous trees
- Around established ornamentals in landscapes
- To maintain bare ground in non-crop areas
- Dormant warm-season turfgrass grown on residential sites, golf courses, sod production and similar sites
- Quiescent or slow moving bodies of water

Refer to label for complete list of approved uses.



PRODUCT NOTES

EPA REGISTRATION NUMBER
59639-120-91234

ACTIVE INGREDIENT
flumioxazin 51%

FORMULATION
Water dispersible granules

HRAC NUMBER
14

SIGNAL WORD
Caution

PACKAGE SIZE
4 x 5 lb

Use Precautions and Restrictions:

- Do not apply in enclosed greenhouse structures if plants are present.
- Do not move plants for 24 hours into enclosed greenhouses until the Semera 51.0% WDG Herbicide treated area 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 this product 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 more than 12 oz of Semera 51.0% WDG Herbicide per acre per application.
- Do not apply more than 24 oz of Semera 51.0% WDG Herbicide per acre per year.
- Do not apply to intertidal or estuarine areas.
- In areas with dense weed vegetation only treat 1/2 the water body at one time and wait 10-14 days before treating the remaining area. Do not re-treat the same section of water within 28 days of application.
- Do not use in water utilized for crawfish farming.
- Do not re-treat the same section of water more than 6 times per year.

Refer to product label for application and mixing instructions.

KEY WEEDS CONTROLLED

American burnweed
Annual bluegrass
Annual sowthistle
Barnyardgrass*
Birdseye pearlwort*
Bristly starbur*
California lovegrass*
California burclover
Canada thistle*
Carolina geranium
Carpetweed
Chamberbitter
Chickweed (common, mouseear)
Coffee senna
Common groundsel
Common lambsquarters
Common purslane
Crabgrass* (large, smooth, Southern crabgrass)
Dandelion*
Dogfennel
Doveweed
Eclipta
Field pennycress
Florida beggarweed
Florida pusley
Foxtail* (bristly, giant, green, yellow)
Goosegrass*
Green kyllinga*
Ground ivy*
Groundsel tree
Hairy bittercress
Hairy galinsoga
Hairy indigo
Hemp sesbania
Henbit
Hoary alyssum
Horseweed*
Jimsonweed
Kochia
Ladysthumb
Liverwort
Longstalked Phyllanthus
Mallow (common, little, Venice)
Marsh parsley
Marsh yellowgrass
Mayweed*
Morningglory (entireleaf, ivyleaf, red/scarlet, smallflower, tall)
Moss
Mulberry weed
Mustard (tumble, wild)
Nightshade (black, Eastern black, hairy)
Northern willow herb
Palmer amaranth
Panicum* (fall, Texas)
Parsley-piert
Pennsylvania smartweed
Pigweed (prostrate, redroot, smooth, tumble)
Pineapple-weed*
Plantain* (broadleaf, buckhorn)
Prickly sida (teaweed)
Puncturevine
Ragweed (common, giant)
Redmaids
Redstem filaree*
Redweed
Russian thistle
Shepherd's-purse
Signalgrass*
Spiny amaranth
Spurge (petty, prostrate, spotted)
Tassel-flower
Thickhead
Tropic croton
Tropical spiderwort
Velvetleaf
Waterhemp (common, tall)
Wild poinsettia
Yellow rocket
Yellow woodsorrel*
**Pre-emergence control only*