

# FLUMIOXAZIN 51WDG SELECT<sup>™</sup>

*Broad-spectrum pre- and early post-emergent control in terrestrial and aquatic sites*

## ACTIVE INGREDIENT

Flumioxazin – Group 14

## % ACTIVE INGREDIENT

Flumioxazin: . . . . . 51.0%

## FORMULATION

Water dispersible granule

## CHEMICAL FAMILY

Diphenylethers,  
N-phenyl-phthalimide

## BRAND ALTERNATIVE

Clipper<sup>®</sup>, SureGuard<sup>®</sup>

## MODE OF ACTION

PPO Inhibitor

## RESTRICTED USE

No

## SIGNAL WORD

Caution

## PACKAGING

6 x 1 lb, 4 x 5 lb

## LABELED USES

In and around container-grown and in-ground ornamental woody shrubs, deciduous trees and conifers

Selected submerged, emerged and floating aquatic weeds

Dormant warm-season turf

Bare ground non-crop areas



**Flumioxazin 51WDG Select<sup>™</sup>** is a pre-emergent and early post-emergent herbicide for use 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. Can also be applied to labeled dormant warm-season turf types for pre-emergent and early post-emergent control of labeled weeds. Tank mixing with other pre and post-emergent herbicides may provide broader spectrum weed control.

**Flumioxazin 51WDG Select<sup>™</sup>** is also labeled for use as a fast-acting contact herbicide for the control of selected aquatic weeds including submerged, emerged and floating species. Depending on type of aquatic weed, applications can be made as a surface spray or sub-surface application.

## PRODUCT BENEFITS

- Selective pre- and early post-emergent control of grass and broadleaf weeds
- Broad-spectrum control of over 100 tough weeds
- Fast-acting, long residual control
- Flexible application options
- Doesn't volatilize and move off target
- Unique mode of action
- Excellent tank-mix partner with non-selective and other herbicides
- Exceptional value

**IMPORTANT: ALWAYS READ AND FOLLOW LABEL INSTRUCTIONS.**

# FLUMIOXAZIN 51WDG SELECT™

Broad-spectrum pre- and early post-emergent control in terrestrial and aquatic sites

## APPLICATION INFORMATION

Flumioxazin 51WDG Select™ is labeled for the control of more than 100 troublesome weeds, and is most effective when applied prior to seedling emergence and/or early post-emergence.

### Landscape and production nursery ornamentals

#### Pre-emergence application

Pre-emergent weed control is most effective when applied to clean, weed-free soil surfaces prior to weed emergence. Moisture is necessary to activate **Flumioxazin 51WDG Select™** on soil for residual weed control. Dry weather following application may reduce effectiveness. Apply 8-12 ounces (0.25-0.38 lb a.i./A) of **Flumioxazin 51WDG Select™** per broadcast acre before weeds emerge. Mechanically incorporating **Flumioxazin 51WDG Select™** after application will disturb soil surfaces, which may reduce herbicidal efficacy.

#### Post-emergence application

Apply 8-12 ounces (0.25-0.38 lb. a.i./A) of **Flumioxazin 51WDG Select™** per broadcast acre after weeds have emerged.

### Application to dormant warm season turfgrass

Apply 8-12 ounces of **Flumioxazin 51WDG Select™** per broadcast acre prior to weed emergence as a single or split application to well-established dormant turfgrass species listed as tolerant on the label.

Bermudagrass	St. Augustine	<i>Eremochloa ophiuroides</i>	<i>Zoysia</i> spp.
Centipedegrass	Zoysiagrass	<i>Paspalum vaginatum</i>	
Seashore paspalum	<i>Cynodon</i> spp.	<i>Stenotaphrum secundatum</i>	

### Spot treatment application

Mix 2½ teaspoons of **Flumioxazin 51WDG Select™** and 2 teaspoons of a non-ionic surfactant per gallon of water and apply 1 gallon of spray solution per 1,000 sq. ft., occasionally shaking while spraying to insure the spray solution remains well mixed.

### Applications to control submersed and floating aquatic weeds

Apply at a rate that will produce an initial concentration 200-400 ppb (of active ingredient) in the water column.

Coontail	Naiad, southern	Water fern	Watermealfoil, variable leaf
Duckweed	Pondweed, curly	Water lettuce	
Hydrilla	Pondweed, sago	Watermeal	
Hygrophila	Pondweed, variable leaf	Watermealfoil, Eurasian	

### Floating and emerged weeds

Apply as a broadcast spray of 6 to 12 ounces of formulated product per acre with adjuvant approved for use in aquatics.

Alligatorweed	Frog's-bit	Water lettuce	Water pennywort
Duckweed	Water fern	Watermeal	Filamentous algae

### Weeds controlled

Annual bluegrass	Goosegrass	Moss	Signalgrass
Barnyardgrass	Groundsel	Mustard	Smartweed
Carpetweed	Henbit	Panicum	Sowthistle
Chickweed	Ground ivy	Pigweed	Spurge
Crabgrass	Kyllinga, green	Plantain	Thistle
Dandelion	Liverwort	Purslane	Woodsorrel/Oxalis
Doveweed	Mallow	Pusley, FL	
Foxtail	Morning glory	Ragweed	

See label for complete list of weeds controlled.