

## SELECTIVE HERBICIDE

# FLUMIOXAZIN 51WDG SELECT™

**BROAD-SPECTRUM PRE- AND EARLY POSTEMERGENCE  
CONTROL IN TERRESTRIAL AND AQUATIC SITES.**



**Flumioxazin 51WDG Select™** is a preemergence and early postemergence 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 preemergence and early postemergence control of labeled weeds. Tank mixing with other pre- and postemergence herbicides may provide broader spectrum weed control.

**Flumioxazin 51WDG Select** is also labeled for use as a fast-acting contact herbicide for the control of select 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 FEATURES

- Selective pre- and early postemergence 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.

## LABELED USES

- In and around container grown and in-ground ornamental woody shrubs, deciduous trees and conifers
- Select submerged, emerged and floating aquatic weeds
- Dormant warm-season turf
- Bare ground non-crop areas

See label for complete application guidelines and restrictions.

### ACTIVE INGREDIENT

51.0% flumioxazin

### HRAC GROUP

14

### FORMULATION

Water dispersible granule

### CHEMICAL FAMILY

Diphenylethers,  
N-phenyl-phtalimide

### COMPARE TO

Clipper®, SureGuard®

### MODE OF ACTION

PPO inhibitor

### RESTRICTED USE

No

### SIGNAL WORD

Caution

### PACKAGING

6 x 1 lb, 4 x 5 lb

### EPA REG NUMBER

92647-30-89442

# FLUMIOXAZIN 51WDG SELECT™

## 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 postemergence.

### Landscape and production nursery ornamentals

#### Preemergence application

Preemergence 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.

#### Postemergence 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          | Watermeal, variable leaf |
| Duckweed   | Pondweed, curly         | Water lettuce       |                          |
| Hydrilla   | Pondweed, sago          | Watermeal           |                          |
| Hygrophila | Pondweed, variable leaf | Watermeal, 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 application guidelines and restrictions.

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