

# PERMAGUARD

## NON-SELECTIVE POSTEMERGENCE SYSTEMIC HERBICIDE

A GRANULAR HERBICIDE FOR USE IN CONTAINER, FIELD-GROWN AND LANDSCAPE ORNAMENTALS, CUT FLOWERS AND ORNAMENTAL FOLIAGE

PERMAGUARD Herbicide contains both oxyfluorfen and oryzalin formulated on a superior low dust, low odor granular carrier providing broad-spectrum preemergence control of weeds including difficult weed species such as spurge, chickweed, groundsel and oxalis in ornamental plantings.

### Active Ingredient

Oxyfluorfen..... 2.0%  
Oryzalin..... 1.0%

### Packaging

50 pound bag

### General Application Instructions

PERMAGUARD Herbicide can be applied for weed control in container, field-grown and landscape ornamentals, cut flowers and ornamental foliage. PERMAGUARD is NOT registered for use on vegetable or edible fruit bearing crops, turf, bedding plants or flowering crops except as described in the Landscape Ornamentals and Cut Flower and Ornamental Foliage sections on the label.

Always read label thoroughly before application. Failure to follow the directions for use and precautions on the label may result in poor weed performance and ornamental plant injury.

When applying PERMAGUARD, the user should exercise reasonable judgment and caution. Because it is impossible to test this product with all possible combinations of plants and growing conditions, it is recommended that the initial test application be made to a subset of the plants to assure desired performance under your specific growing conditions.

Apply PERMAGUARD at the rate recommended in the appropriate section of the label with a properly calibrated spreader in order to assure accurate, even particle distribution. Once this product has been applied, do not disturb the soil surface or the herbicide barrier will be broken. For best results, immediately following application of PERMAGUARD, water in with approximately ½ inch of water in order to activate the herbicide and wash particles off the foliage.

# PERMAGUARD

## Use Guidelines and Precautions

- For sale to, use, and storage by commercial nursery, foliage and landscape personnel only.
- For best results, ensure an even distribution of particles at the proper application rate.
- DO NOT apply PERMAGUARD to wet or dew-covered foliage. However, should this happen, irrigate immediately to completely remove herbicide particles from leaf surfaces.
- DO NOT apply PERMAGUARD in enclosed greenhouse or shadehouse type structures. Make applications at least two (2) weeks prior to enclosure in greenhouses and shadehouses.
- DO NOT apply PERMAGUARD in greenhouse liner production beds; apply only to container, field-grown and landscape ornamentals, cut flower and foliage crops listed.
- DO NOT apply PERMAGUARD within two (2) weeks of shipping.
- DO NOT apply product directly to the bare roots of woody ornamentals or injury may result.
- In order to avoid foliage injury, DO NOT apply to whorl-leaved plants such as *Dracaena spp.*, as their leaves channel the herbicide granules to the leaf base and makes removal of granules difficult (Not exception under “Dracaena Field Stock” on the label).
- Newly formed leaves are particularly sensitive to this product and spotting or leaf drop may result. DO NOT apply this product two (2) weeks prior to or two (2) weeks following leaf bud break or during periods of vigorous new growth.
- Within two (2) months following application, DO NOT apply other herbicides to areas treated with PERMAGUARD. Compatibility of PERMAGUARD with other herbicides has not been verified.
- DO NOT disturb the soil surface following an application as the herbicide barrier will be broken resulting in less than optimum weed control.
- DO NOT incorporate this product into growing media or soil as dilution of the active ingredient and possible injury to plant roots may result.
- DO NOT apply in windy conditions that might cause uneven distribution of the granules or move the product onto sensitive species.
- DO NOT allow livestock to graze or feed on vegetation from treated fields or orchards.
- DO NOT apply by aerial application except where noted on label for agricultural uses in California.
- DO NOT apply by Chemigation.

## Application Rate\*

100 pounds per acre

\*Always read complete label for specific application rates and other instructions.

## Re-entry Intervals (REIs)

The re-entry intervals (REI) for this product is 24 hours. Refer to complete label for personal protective equipment required for application and for early entry into treated areas.

## Benefits

- Contains both oxyfluorfen and oryzalin herbicides for effective, broader spectrum preemergence control of weeds.
- Controls difficult weed species including spurge, chickweed, groundsel and oxalis.
- Broad spectrum of ornamental plant tolerance.
- Formulated on a superior, low dust, low odor, clay granular carrier for convenient application.
- Conveniently packaged in 50 pound bags.