

# **CONTAINER, FIELD GROWN, AND LANDSCAPE ORNAMENTALS (INCLUDING CHRISTMAS TREE FARMS) - ALL STATES**

## General Information

### GENERAL INFORMATION

#### WHERE TO USE

Guardrail 65 WDG is a preemergence herbicide that provides residual control of many grass and broadleaf weeds in:

- Established turfgrass (excluding golf course putting greens), lawns, and sod nurseries
- Container, field-grown, and landscape ornamentals
- Conifer and hardwood seedling nurseries
- Established perennial and wildflower plantings
- Non-crop areas including managed rights-of-way for transportation systems and utilities (including roadways, roadsides, railways, and equipment yards)
- Facilities including substations, tank farms, pumping stations, parking and storage areas, and ungrazed fence rows
- Christmas tree farms
- Drainage ditches in California and Arizona only

#### HOW GUARDRAIL 65 WDG WORKS

Guardrail 65 WDG controls susceptible weeds by preventing growth and development of newly germinated weed seeds. Weed control is most effective when Guardrail 65 WDG is activated by at least 0.5 inch of rainfall or irrigation or shallow incorporation (1 to 2 inches) before weed seeds germinate and within 14 days following application.

## USE PRECAUTIONS

- Do not graze or feed livestock forage cut from areas treated with Guardrail 65 WDG.
- Do not apply Guardrail 65 WDG to plants that will be consumed for food use.
- Follow all applicable directions, restrictions, and precautions on the labels of EPA-registered tank mix partners.
- Do not blend Guardrail 65 WDG onto dry fertilizer or any other granular material.
- Chemigation Statement: Do not apply this product through any type of irrigation system unless instructed otherwise in the label.
- Do not apply aerially.
- Do not apply to golf course putting greens.

## NEW PLANTINGS, REPLANTING, AND ROTATIONAL PLANTINGS

Nursery, landscape, or non-crop land areas treated with Guardrail 65 WDG should be rotated only to ornamental species listed on the label for 1 year following application unless the following test has shown species safety:

Before planting a species not listed on the label, it is recommended that several test strips of an indicator plant such as wheat, sorghum, or corn be sown into the treated area. If the indicator plants germinate and grow normally to a height of 12 inches with normal root development, it is safe to plant.

In areas disturbed by new plantings or replanting of labeled species, it may be necessary to retreat exposed soil to maintain satisfactory weed control.

When an adjuvant is to be used with this product, PROKoZ, Inc. suggests the use of a Chemical Producers and Distributors Association certified adjuvant.

## APPLICATION

Apply Guardrail 65 WDG in a minimum of 20 gals./acre (0.5 gal./1,000 sq. ft.) of carrier (water and/or fluid fertilizer) using a calibrated, low-pressure sprayer with 50 mesh or coarser screens. A broadcast boom or handheld wand designed for herbicide or insecticide application will provide the best results. Select nozzle

pressure and gallonage to provide complete coverage.

## Limitations, Restrictions, and Exceptions

### CONTAINER, FIELD GROWN, AND LANDSCAPE ORNAMENTALS (INCLUDING CHRISTMAS TREE FARMS)

#### Application Timing and Information

##### Guardrail 65 WDG:

1. Will not control emerged weeds.
2. May be applied to newly-transplanted and established ornamentals as broadcast or over-the-top spray.
3. Is most effective when applied to soil free of clods, weeds, and debris such as leaves and mulch.
4. Is most effective when the product is activated in the soil before weed seeds germinate and within 14 days after application.
5. Is activated when the treated area receives at least 0.5 inch of irrigation or rainfall, or shallow (1 to 2 inches) mechanical incorporation.

#### Use Precautions

##### To reduce injury potential:

1. In the spring when buds are rapidly growing and expanding, over-the-top application of Guardrail 65 WDG may temporarily injure new growth of desirable plants. To reduce the possibility of injury at this time, wait to apply Guardrail 65 WDG over the top of newly emerged vegetation until it has hardened off unless experience indicates that the ornamental plant will not be injured by the over-the-top application.
2. After application (immediately for deciduous plants) apply overhead irrigation to wash Guardrail 65 WDG from plant surfaces onto soil (watering plants before application may improve the washing process).

## APPLICATION SITES AND INSTRUCTIONS

#### Newly-Transplanted Container or Field Nursery Stock:

- Delay application until soil has settled around transplants.
- Water transplants thoroughly before application.
- Apply after cuttings form roots and are established.
- To avoid inhibition of the tissue union, apply before budding/grafting or after buds/grafts have taken.

#### Established Container, Field Nursery Stock, or Landscape Plants:

- Apply at any time as a broadcast, over-the-top, or directed spray.

#### Landscape (or Ornamental) Plantings:

- Apply as a broadcast, over-the-top, or directed spray.
- Delay application to newly-transplanted ornamentals until soil has settled around transplants.

#### Bare Ground Application for Container Placement:

- Apply to soil (including mulch, gravel, wood chips, or other permeable base) upon which containerized ornamentals are placed.
- After Guardrail 65 WDG is applied, perform shallow cultivation or hand weeding only, to avoid disturbing the herbicide barrier.

#### In Shadehouses and Uncovered Polyhouses:

- After Guardrail 65 WDG is applied, uncovered polyhouses must remain open for at least 7 days and ornamentals must receive 2 irrigations totaling at least ½ inch of water.

#### Ornamental Bulbs and Perennial Wildflower Plantings:

- Guardrail 65 WDG may be applied to bulbs or perennial wildflower species listed in the section "Tolerant Ornamental Species."
- Apply before or after bulbs emerge but before bulbs bloom and weeds emerge. In

wildflowers, a postemergence herbicide labeled for wildflowers may be needed to control weeds that have already emerged.

#### WHEN TO APPLY

- In the fall or spring before weeds germinate or after weeds are removed.

#### COMMENTS/INSTRUCTIONS

- Use the higher rate for longer control.
- Guardrail 65 WDG may be applied more than once per year as long as the total amount of product applied does not exceed 2.3 lbs./acre per year.
- Note: For band application calculate amount per acre (see label for formula.)
- Refer in the label for EQUIVALENT MEASUREMENTS For Guardrail 65 WDG and Tank mixing information.

#### Tolerant Ornamental Species- Container, Field Grown, and Landscape Ornamentals

- Guardrail 65 WDG will not harm most trees, shrubs, vines, and flowers. The species listed below in Table 2 are tolerant to Guardrail 65 WDG. - Guardrail 65 WDG is approved for application, except in CA, to the species in Table 3. Guardrail 65 WDG may be applied over-the-top of the listed species.
- When plants are under stress (such as heat, drought, or frost damage), some cultivars of listed plants may be sensitive to Guardrail 65 WDG.

#### CROPS

Kiwi, Citrus species, Walnut, Crabapple, Olive, Avocado, Pistachio, Almond, Apricot, Nectarine, Peach, Plum, and Prune, Rosemary, Grape - Do not use on food producing trees, vines, or plants.

Fir species, Gladiolus species, Rose of Sharon, Chinese Hibiscus, Chinese Holly, Iris species, Magnolia species, Narcissus species, Mondo Grass, Spruce species - Not for use on container grown plants.

Norway Maple, Douglas Fir - Landscape ornamentals only

#### Method

## Spray

Rates

[field rates 0](#)

[field rates 1](#)

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Restricted Entry Interval

12 hours

Exception: If this product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

Timings

[In the fall or spring before weeds germinate or after weeds are removed.](#)