

LANDSCAPE ORNAMENTALS - ALL STATES EXCEPT CA

General Information

GENERAL INFORMATION

WHERE TO USE

Endurance Herbicide is a preemergence herbicide that provides residual control of many grass and broadleaf weeds in:

- Established turfgrasses (excluding golf course putting greens), lawns and sod nurseries
- Container, field-grown and landscape ornamentals
- Conifer and hardwood seedling nurseries
- Established perennials and wildflower plantings
- Non-crop areas, including plantings on 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

HOW ENDURANCE WORKS

Endurance controls susceptible weeds by preventing growth and development of newly germinated weed seeds.

Weed control is most effective when Endurance is activated by at least 0.5 inch of rainfall or irrigation, or with shallow incorporation (1-2 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 Endurance.
- Do not apply Endurance 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 Endurance onto dry fertilizer or any other granular material.
- Chemigation: 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.

APPLICATION

Apply Endurance in a minimum of 20 gals./A (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 hand held wand designed for herbicide or insecticide application will provide the best results. Select nozzle pressure and gallonage to provide complete coverage.

Refer to the label for tank mix information.

Limitations, Restrictions, and Exceptions

LANDSCAPE ORNAMENTALS

When to Apply

In fall and/or spring before weeds germinate or after weeds are removed.

Comments/Instructions

- Use the higher rate for longer control.
- Endurance may be applied more than once per year as long as the total amount of product applied does not exceed 2.3 lbs./A per year.

Tolerant Ornamental Species – All States

Endurance will not harm most trees, shrubs, vines, and flowers. The species listed below in Table 1 are tolerant to Endurance. Endurance is approved for application, except in California, to the species in Table 2. Endurance 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 Endurance.

Application Sites and Use Precautions

Ornamental Trees, Shrubs, Vines

Use Precautions

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

Ornamental Bulbs and Perennial Wildflower Plantings

Use Precautions

- 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.

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 as a 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 Endurance is applied, perform shallow cultivation or hand weeding only, to avoid disturbing the herbicide barrier.

In Shadehouses and Uncovered Polyhouses:

- After Endurance is applied, uncovered polyhouses must remain open for at least 7 days and ornamentals must receive 2 irrigations totaling at least 1/2 inch of water.

Ornamental Bulbs and Perennial Wildflower Plantings:

- Endurance 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.
- Yaku Jima, Silberfeder, Fountain Grass (Dwarf): Not for use on container grown plants.

WEEDS CONTROLLED:

- Bluegrass, Annual, Chickweed Common, Henbit, Knotweed, Shepherd's Purse: To control this weed, apply Endurance in late summer, fall, or winter before weed seeds germinate.
- Rescuegrass: Suppression only.
- Crabgrass/Goosegrass: Sequential applications may be made as long as the total amount of product applied does not exceed 2.3 lbs./A per year. To control weeds, all applications must be made before weed seeds germinate.

Method

[Broadcast/Foliar Ground](#)

[Directed](#)

[Broadcast/Foliar Ground](#)

[Directed](#)

Rates

[field_rates 0](#)

[field_rates 1](#)

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Restricted Entry Interval

12 hours

Exception: If the 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

[Preemergence \(Weed\)](#)

[In the fall or spring.](#)