ORNAMENTALS PLANTS (ALL STATES)

General Information

USE INFORMATION

WHERE TO USE

Resolute 4FL is a selective 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
- established perennial and wildflower plantings
- Christmas tree farms

HOW RESOLUTE 4FL WORKS

Resolute 4FL controls susceptible weeds by preventing growth and development of newly germinated weeds. Weed control is most effective when Resolute 4FL is activated by at least 0.5 inch of rainfall or irrigation or shallow incorporation (1-2 inches) before weed seeds germinate and within 14 days following application.

USE PRECAUTIONS AND RESTRICTIONS

1. Do not graze or feed livestock forage cut from areas treated with Resolute 4FL.

2. Follow all applicable directions, restrictions, and precautions on the labels of EPA-registered tank-mix partners.

3. Do not blend Resolute 4FL onto dry fertilizer or any other granular material.

4. Chemigation: Do not apply this product through any type of irrigation system unless instructed otherwise in the label.
5. Do not apply aerially.

6. Do not apply to golf course putting greens.

APPLICATION

Apply Resolute 4FL in a minimum of 20 gal/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 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 ORNAMENTAL PLANTINGS (INCLUDING CHRISTMAS TREE FARMS)

Application, Timing, and Information

Resolute 4FL:

1. Will not control emerged weeds.

2. May be applied to newly-transplanted and established ornamentals as a 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. Direct application of Resolute 4FL to rapidly growing tissue or buds may injure desirable plants. In the spring when buds are rapidly growing and expanding, over-
the-top application of Resolute 4FL may injure new growth of desirable plants, however, these effects are temporary. To reduce the possibility of injury at this time, wait to apply Resolute 4FL over the top of newly emerged vegetation until it has hardened off, unless your experience indicates that the ornamental plant will not be injured by the over-the-top application.

2. After application immediately apply overhead irrigation to the foliage to wash Resolute 4FL from plant surfaces onto soil (watering the foliage of plants before application may improve the washing process).

Ornamental and Christmas Tree Farms - Application Sites and Instructions

Site: Newly-Transplanted Container or Field Nursery Stock

Application Instructions

1. Delay application until soil has settled around transplants.

2. Water transplants thoroughly before application.

3. Apply after cuttings form roots and are established.

4. To avoid inhibition of the tissue union, apply before budding/grafting or after buds/grafts have taken.

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

Application Instructions

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

Site: Landscape (or Ornamental) Plantings

Application Instructions

1. Apply as a broadcast, over-the-top, or as a directed spray.

2. Delay applications to newly transplanted ornamentals until soil has settled around transplants.

Site: Bare Ground Application for Container Placement
Application Instructions

1. Apply to soil (including mulch, gravel, wood chips, or other permeable base) upon which containerized ornamentals are placed.

2. After Resolute 4FL is applied, perform shallow cultivation or hand weeding only, to avoid disturbing the herbicide barrier.

Site: In Shadehouses and Uncovered Polyhouses

Application Instructions

1. After Resolute 4FL 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 before covering.

Site: Ornamental Bulbs and Perennial Wildflower Plantings

Application Instructions

1. Resolute 4FL may be applied to bulbs or perennial wildflower species listed in the section. Apply before or after bulbs emerge but before bulbs bloom and weeds emerge.

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

Tolerant Ornamental Species

The species listed below in Table 1 are tolerant to Resolute 4FL. Resolute 4FL may be used for application, except in CA, to the species in Table 2. Resolute 4FL may be applied over the top of the listed species. The species that are not tolerant to Resolute 4FL when grown in containers are indicated.

When plants are under stress (such as heat, drought, or frost damage), some cultivars of listed plants may be sensitive to Resolute 4FL.

NEW PLANTINGS, REPLANTING AND ROTATIONAL PLANTINGS

Nursery, landscape, or non-cropped land areas treated with Resolute 4FL 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, but do not apply more than 48 ozs./A per year.

Method
Directed
Broadcast
over-the-top spray
Rates
field rates 0
field rates 1

Restricted Entry Interval

12 hours

Exception: If the product is soil-injected or soilincorporated, 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 fall or spring before weeds germinate or after weeds are removed.