

ORNAMENTALS - DIRECTED APPLICATIONS - PERENNIAL GRASS CONTROL

General Information

Product Description

Ornamec 170 Grass Herbicide is a selective postemergence herbicide for control of annual and perennial grass weeds. Ornamec 170 Grass Herbicide does not control broadleaf weeds or sedges (nutgrass). Control Symptoms - Ornamec 170 Grass Herbicide is a systemic herbicide which moves from the treated foliage into the shoots, roots, rhizomes, stolons, and growing points (meristematic regions) of treated grass weeds. Excellent control of a wide range of annual and perennial grass weeds will be obtained with Ornamec 170 Grass Herbicide when applied as directed on this label.

Growth of treated grass weeds stops soon after application. Symptoms include loss of vigor, yellowing and/or reddening, and eventual death to the treated grass plant. Symptoms are generally observed within one to three weeks, depending on grass weed species and environmental conditions.

Ornamec 170 Grass Herbicide can be used to control grass weeds in many newly transplanted and established ornamentals, trees, shrubs and groundcovers. Apply to actively growing grass weeds before they exceed the recommended growth stages shown below. See the following Tables 7 through 10 for specific uses.

Make over-the-top application of Ornamec 170 Grass Herbicide to ornamentals listed in Table 7. Over-the-top applications are defined as spray patterns delivered to the upper portions of the established ornamentals and target weeds. Use sufficient spray volumes to ensure a uniform distribution and complete spray coverage of the target weeds. Make directed spray applications to plants listed in Tables 8 through 10 to prevent contact of spray with foliage. Directed spray applications are defined as spray patterns aimed or directed toward the lower portion of the established ornamentals, and this method of application will minimize the phytotoxicity of the desired species. If the growth habit of the plant or other factors do not allow a directed spray, an over-the-top application can be made to plants in Tables 6 through 8. However, there is the possibility of damage in the

range listed for each table when applied at label rates. Do not apply to ornamentals that may be harvested for food within one year after application.

NOTICE TO BUYER AND USER: It is impossible to test every species and variety or cultivar of ornamental plants under all conditions. Plant tolerance of pesticides vary as conditions vary. Plant tolerance of Ornamec 170 Grass Herbicide at label rates has been found to be acceptable within the ranges specified for the indicated genera and species. Neither the manufacturer nor the seller has determined whether Ornamec 170 Grass Herbicide can be used on plants not specified on this label. The user should determine if Ornamec 170 Grass Herbicide can be used prior to use.

Limitations, Restrictions, and Exceptions

ANNUAL AND PERENNIAL GRASS CONTROL IN ORNAMENTALS, TREES, SHRUBS, AND GROUNDCOVERS

Not for use in vegetable gardens or on fruit-bearing trees and shrubs.

Spray to obtain thorough coverage of grass foliage, but not to the point of runoff. Do not apply Ornamec 170 Grass Herbicide if rainfall is expected within 1 hour. Apply Ornamec 170 Grass Herbicide to actively growing grasses before they exceed growth stages specified in Tables 5 and 6. Apply Ornamec 170 Grass Herbicide when the first grass species in a mixed grass weed population reaches the specified growth stage for treatment.

Do not apply Ornamec 170 Grass Herbicide to grasses which are stressed due to moisture, temperature, low soil fertility, mechanical or chemical injury. Do not apply to grasses which have exceeded the specified growth stages (See Tables 5 and 6).

BROADCAST TREATMENTS: For perennial grass species, use 9 fl.oz. of Ornamec 170 Grass Herbicide per 1,000 square feet per application. The maximum amount of fluazifop-P-butyl per treated area is 1.1lb. a.i./acre per year (27 fl.oz./1000 sq.ft. per year).

SPOT TREATMENTS: Mix Ornamec 170 Grass Herbicide with water according to the amounts shown in the chart (see the label). Spray to obtain thorough coverage, but do not spray to the point of runoff.

Spot Treatments in Ornamentals, Trees, Shrubs and Groundcovers

To Make This Spray Volume:

- 24 fl.oz.: 3.5 tablespoons (Add This Amount of Ornamec 170 Grass Herbicide)
- 32 fl.oz.: 2.5 fl.oz. (5 tablespoons) (Add This Amount of Ornamec 170 Grass Herbicide)
- 1 gallon: 10 fl.oz. (18 tablespoons) (Add This Amount of Ornamec 170 Grass Herbicide)

Equal measures: 1 fluid ounce (fl.oz.) = 2 tablespoons (Tbs) = 6 teaspoons (tsp) and 8 fl.oz. = 1 cup

DIRECTED APPLICATIONS

Directed applications minimize the foliar injury of the ornamentals shown in the list. When possible and plant growth habit allows, applications should be made as a directed spray to the plants listed. Limited testing of the same plants has shown phytotoxicity of up to 20%, up to 50%, or greater than 50% when this product is applied over-the-top at label rates.).

Growth Stage of the Grass Species Controlled:

- Bermudagrass: 4 to 8 inch runners
- Dallisgrass: 270 to 360 GDD
- Guineagrass: 6 to 12 inches tall before seedhead initiation
- Quackgrass: 6 to 10 inches
- Rhizome johnsongrass: 8 to 18 inches tall and before boot stage
- Torpedograss: 3 to 10 inches tall (first application)
- Torpedograss: 2 to 3 inches tall (subsequent application)
- Wirestem muhly: 4 to 12 inches tall before seedhead initiation

For control of Torpedograss, use 9 fluid ounces/1000sq.ft./application. 3 applications will be needed.

Method

[Spot treatment](#)

[Directed](#)

[Broadcast Spray](#)

Rates

[field_rates 0](#)

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Timings

[To actively growing grasses before they exceed the recommended growth stages.](#)