

WARM SEASON TURFGRASSES - FLORIDA

General Information

GENERAL INFORMATION

WEED IMPEDE herbicide is a preemergence surface-applied product for the control of many annual grasses and broadleaf weeds in ornamental plantings, rock gardens, ornamental bedding plants, bulbs, ground covers/perennials and established warm-season turfgrass.

WEED IMPEDE is orange in color and may cause temporary discoloration of sprayed surfaces. If this discoloration is undesirable, it may be altered by using a commercially available colorant such as Blazon or removed by spraying surface with water or washing with an industrial cleaner immediately after application. WEED IMPEDE may also be applied with mulch colorants, such as Mulch Magic or Nu-Mulch.

Treatment of Plant Species Not Listed on the Label for WEED IMPEDE:

Users who wish to use WEED IMPEDE on plant species not recommended on the label may determine the suitability for use by treating a small number of such plants at a recommended rate. Prior to treatment of larger areas, the treated plants should be observed for any sign of herbicidal injury during 30 to 60 days of normal growing conditions to determine if the treatment is non-injurious to the target plant species. The user assumes responsibility for any plant damage or other liability resulting from use of WEED IMPEDE on plant species not recommended on the label.

APPLICATION INSTRUCTIONS

SOIL PREPARATION

WEED IMPEDE controls weeds growing from seed. WEED IMPEDE will not control emerged weeds. WEED IMPEDE does not control established weeds, weeds growing from stolens, rhizomes, or root pieces. Therefore, areas to be treated should be free of emerged weeds. Weed residues, pruning and trash should be thoroughly mixed into the soil or removed prior to treatment.

Handheld or Backpack Sprayer Application

The amount of water used to apply WEED IMPEDE herbicide is not critical, but should be sufficient for uniform coverage of the target area. Calibrate by determining the volume of water required to treat 1,000 square feet. Use this calibration volume to determine the amount of water and WEED IMPEDE herbicide needed to treat the target area (see the following calibration example). Note: Sprayer calibration (volume of spray needed to treat 1,000 square feet) will vary with each individual operator.

NOTE: This is a specimen label for electronic distribution. Always refer to product label on container for specific directions for use. Steps in Calibration:

1. Mark an area of 1,000 square feet (i.e. 20 by 50 feet or 25 by 40 feet).
2. Place the sprayer on a level surface and add water noting the final level of water in the spray tank.
3. Spray the marked area with a sufficient volume of water to provide uniform coverage. Refill the sprayer to the same level as before measuring the amount of water added. The measured water added to the sprayer is the volume needed to cover 1,000 square feet.
4. Determine the application rate (fl. oz./1,000 sq. ft.) for WEED IMPEDE from the Recommendations section of the label.
5. To each volume of water used as measured in step 3, add the amount of WEED IMPEDE as determined in step 4.

Example: If the sprayer uses 2 gallons of water to cover 1,000 square feet and the desired application rate of WEED IMPEDE is 3 fluid oz./1,000 square feet, then you would add 3 fluid ounces of WEED IMPEDE to every 2 gallons of water to be used.

USE PRECAUTIONS:

- Avoid spray drift to non-target areas when applying WEED IMPEDE. Spray drift may result in reduced emergence of non-target plants adjacent to the treated area. Poor weed control may result if directions are not followed. Over-application may result in plant injury.
- Do not apply to plants that bear edible fruits, flowers, forage, roots or seeds. Do not graze or feed foliage or hay from treated turf or non-planted areas, as illegal residues may occur in plants grown in treated soil.

ACTIVATION AND CULTIVATION

WEED IMPEDE will remain stable on the soil surface up to 21 days following application. In the absence of timely rainfall, irrigation can be used to activate WEED IMPEDE. A minimum of one-half (1/2) inch of rain or its equivalent in sprinkler irrigation is necessary to activate WEED IMPEDE. If weeds begin to emerge due to lack of rainfall or irrigation, shallow cultivate 1 to 2 inches deep to destroy existing weeds or remove them by hand. Shallow cultivation to a depth of 1 to 2 inches will enhance herbicidal effectiveness. If WEED IMPEDE is not activated by rainfall, irrigation or cultivation within 21 days of application or existing weeds have not been removed, erratic weed control may result.

Limitations, Restrictions, and Exceptions

WARM SEASON TURFGRASSES

WEED IMPEDE may be applied as a preemergence treatment for control of annual grasses and certain broadleaf weeds in established warm season turf including bahiagrass, bermudagrass, buffalograss, centipedegrass, St. Augustinegrass, zoysiagrass and established tall fescue growing in warm season areas. Established turf is defined as a dense turf having a well-anchored root system and healthy, vigorous top growth. Use WEED IMPEDE only as a part of a total turf management program that includes good fertilization practices.

Any cultural practices that disturb the soil, such as aerification or verticutting, should be done prior to application of WEED IMPEDE.

WEED IMPEDE will not control emerged weeds. Successful preemergence control of weeds listed on the label requires that WEED IMPEDE be applied prior to weed germination and be activated by at least one-half (1/2) inch of rainfall or irrigation

within 21 days of application.

WEED IMPEDE may injure turf that is not well-established or is stressed or weakened due to unfavorable winter climatic conditions, drought, nematodes, or other factors which damage or weaken turf root systems. Apply WEED IMPEDE only to healthy, well-established turf that has a well-anchored root system.

DO NOT apply WEED IMPEDE in the spring or early summer to tall fescue turfgrass reseeded the previous fall. DO NOT use on other fescue species.

In bermudagrass areas that have been reseeded with winter grasses, a spring application of WEED IMPEDE will thin the overseeded grasses.

APPLICATION RATES, FREQUENCY AND TIMING OF APPLICATION

WEED IMPEDE can be applied in the spring for summer annual grass and broadleaf weed control, and in the fall for annual bluegrass and winter annual broadleaf weed control.

APPLICATION EQUIPMENT

Apply WEED IMPEDE evenly over the turfgrass area. Avoid spray pattern skips and overlaps that may result in incomplete coverage or over-application. For best results use application equipment designed to uniformly broadcast liquid herbicides. Check equipment frequently to make sure it is working properly and distributing spray uniformly. RESEEDING

Herbicides that control annual weeds may also affect establishment of desirable turfgrass seedlings. Reseeding should be delayed for at least 90 - 120 days following application of WEED IMPEDE. With reseeded, it is essential that proper cultural practices such as soil cultivation and seedbed preparation, irrigation and fertilization be followed. For satisfactory reseeded results following use of WEED IMPEDE, the seeding rate should be increased and equipment designed to place seed in full contact with soil (such as the Rogers Aero Seeder) should be employed.

SPECIAL USE PRECAUTIONS

To avoid possible injury, DO NOT apply WEED IMPEDE to:

- Cool season turfgrass species (bluegrass, fescues, bentgrasses, etc.).
- Newly sprigged or sodded areas of bermudagrass, St. Augustinegrass, centipedegrass, or zoysiagrass until these turfgrasses are well-established and have well-anchored root systems.
- Newly hydromulched areas of bermudagrass until such areas are well-established.
- Bermudagrass variety \"Sun Turf\" when WEED IMPEDE is tank mixed with atrazine.

Minimum Time Between Applications: 3 Months

Method

[Surface](#)

[Spray](#)

[Surface](#)

[Spray](#)

Rates

[field_rates 0](#)

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Timings

[Preemergence \(Weed\)](#)

[Feb - Mar](#)