

# **BERMUDAGRASS TURF - SUPPRESSION OF OVERSEEDED PERENNIAL RYEGRASS - ARIZONA, CALIFORNIA ETC.**

## General Information

## Product Information

Sapphire specialty herbicide provides postemergence control of annual and perennial broadleaf weeds in established turfgrass, such as residential lawns, golf courses, sports fields, sod farms and around commercial buildings and other commercial turfgrass areas. Susceptible weeds emerged at the time of application will be controlled. A spray volume of 20 gallons per acre (gpa) or more and uniform coverage are required for optimum performance. Sapphire is rainfast within one hour after application and has soil residual herbicidal activity dependent upon weed species, soil type, soil moisture (rainfall or irrigation after application) and the rate of application.

## Product Use Restrictions

- Do not apply Sapphire to golf course putting greens.
- Do not allow tank mixes of Sapphire to sit overnight.
- Do not apply Sapphire directly to, or otherwise permit Sapphire to come into contact with, flowers, ornamental shrubs or trees, or other desirable broadleaf plants, as serious injury may occur. Do not permit spray mists containing Sapphire to drift onto desirable broadleaf plants.
- Do not collect grass clippings for use as mulch around plants.
- Do not apply more than 0.5 pint of Sapphire (0.02 lb ai penoxsulam) per acre per application to perennial ryegrass and tall fescue and only if some injury can be tolerated.
- Do not allow sprays of Sapphire to contact exposed suckers or exposed roots of shallow rooted trees and shrubs or injury may occur.
- Do not apply more than 2.3 pints of Sapphire (0.09 lb ai penoxsulam) per acre per annual growing season.
- Chemigation: Do not apply this product through any type of irrigation system.

## Product Use Precautions

- To minimize the potential for grass injury, additional applications should not be made within four weeks of a previous application.
- Tank mix a quality nonionic surfactant with all applications of Sapphire.
- Use this product strictly in accordance with the drift and runoff precautions on this label in order to minimize off-site exposure.

#### Treatment on Turfgrass Species Not Listed on the Label for Sapphire

Users who wish to use Sapphire on turfgrass species not listed on this label may determine the suitability for use by treating a small area at a specified rate. Prior to treatment of larger areas, the treated area should be observed for any sign of herbicidal injury during 30 days of normal growing conditions to determine if the target turfgrass species is tolerant.

#### Limitations, Restrictions, and Exceptions

##### SUPPRESSION OF OVERSEEDDED PERENNIAL RYEGRASS IN BERMUDAGRASS TURF

For Distribution and Use only in the States of Arizona, California, Nevada, and New Mexico

#### General Information

Sapphire specialty herbicide can be applied to bermudagrass turf to suppress the growth of undesirable overseeded perennial ryegrass. It is a common practice in the fall to overseed bermudagrass turf with a cool season perennial ryegrass to provide a lush green playing surface for golf and sports fields throughout cold winter months when bermudagrass is dormant. In order to maintain a continuously green playing surface, it is desirable to transition back to a warm season bermudagrass playing surface in the spring and summer by removing the now undesirable ryegrass.

#### Weeds Controlled or Suppressed

- Use no more than 1.5 pints of Sapphire (24 fl oz or 0.06 lb ai penoxsulam) per acre per application to bermudagrass turf.
- Do not apply more than 2.3 pints of Sapphire (0.09 lb ai penoxsulam) per acre per annual growing season.

## Application Timing

Treatments should be applied to desirable bermudagrass turf, at application rates permitted for use on bermudagrass, for removal of undesirable ryegrass.

Applications should be made when weather conditions are suitable for bermudagrass regrowth. The best time for application within the transition period will vary by location. The effectiveness of ryegrass removal and duration of this transition is dependent upon environmental factors such as temperature, rainfall and mowing height of the turf.

## Method

[Spray](#)

## Rates

[field\\_rates 0](#)

[field\\_rates 1](#)

[field\\_rates 2](#)

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## Restricted Entry Interval

12 hours

## Timings

[When weather conditions are suitable for bermudagrass regrowth.](#)