

# **TURF**

## General Information

### INFORMATION

This product: eliminates leafy mistletoe from ornamental deciduous trees and dwarf mistletoe from ornamental conifers. It also removes unwanted fruit on ornamental apple, crabapple, carob, elm, flowering pear, flowering plum, horsechestnut (Buckeye), oak, olive, sour orange, sweetgum, and sycamore trees.

Contact your Extension Pomologist, Farm Advisor, Horticultural Specialist or United Phosphorus Representative for local requirements on product spray volume, spray equipment and rates of application for varying weather conditions.

### APPLICATION VOLUMES AND SPRAY COVERAGE

For optimum product efficacy, thorough spray coverage is necessary. This can be influenced by type of spray equipment, spray boom setup, nozzle selection, plant size, canopy density and spray pressure. Depending on these choices, the necessary spray volume will vary. For applications by air in California and Arizona, more than 5 gallons of water per acre should be used.

### USE PRECAUTIONS

DO NOT MIX THIS PRODUCT WITH AMMONIUM THIOSULFATE AS IT MAY CREATE TOXIC FUMES. Other than permitted on the label, this product should not be used with additives.

Upon mixture, this product should be applied as soon as possible; in no case should the spray solution be stored overnight. Detrimental changes to plant growth, reduced yields, and plant injury may result from spray drift of this product to nearby crops and thus should be avoided. Do not plant another crop within 30 days after treatment.

This product is corrosive. Therefore, spills of concentrated product on the aircraft or other spray equipment should be avoided. Should such contact be made, immediately rinse with water.

## Limitations, Restrictions, and Exceptions

### TURF

Not for use on residential turf.

#### Growth suppression of turf

Phoenix Cardinal when applied will slow turfgrass growth thus reducing mowing frequency required as well as the volume of clippings accumulated. Apply Phoenix Cardinal when daytime air temperatures are 65°F or above for optimum results.

Phoenix Cardinal must only be applied when turfgrass mowing height has been established for the season. Multiple applications should be avoided where thatch has accumulated.

### APPLICATION

Apply to actively growing turf. It will require 7 – 10 days for Phoenix Cardinal to act.

Reapplication intervals:

Kentucky Bluegrass- 7 wks.

Perennial Ryegrass-7 wks.

Tall/Fine Fescue-4 wks.

Bentgrass-4 wks.

#### Spray Volume

1.0 – 2.0 gallons per 1,000 sq. ft.

Golf Course Tees and Greens: Not for use in California.

### PRECAUTIONS AND RESTRICTIONS

Do not allow entry to treated area until sprays have dried.

For best results, apply with sprayer in sufficient volume of water to provide uniform coverage. Phoenix Cardinal is foliarly absorbed.

Apply only to actively growing turf, under favorable growing conditions, that is not going into a dormancy period.

Do not treat turfgrass with poor root systems or growing under stress due to poor soil conditions, drought, disease or insect damage.

Scalping may occur on creeping bentgrass after more than 2 applications of Phoenix Cardinal for *Poa annua* suppression.

Phoenix Cardinal has been successfully used on many bentgrass cultivars. Tolerance testing should be conducted in new cultivars before extensive use.

Use of spreader/stickers with Phoenix Cardinal is not necessary.

Phoenix Cardinal is an acidic product and prolonged exposure to spray deposits will damage acrylic plastics, certain paints and metals. Rinse thoroughly all exposed acrylic plastic materials and painted surfaces with a detergent and water within one hour after exposure to spray deposits.

Test tank mixes with other products on a small area before using widely.

Do not tank mix with ammonium thiosulfate as it can result in the formation of toxic fumes.

Do not use Phoenix Cardinal where excessive thatch has accumulated.

Method

[Spray](#)

Rates

[field rates 0](#)

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Restricted Entry Interval

48 hours

The REI is 72 hours in areas where average rainfall is less than 25 inches per year.

Timings

[Postemergence \(Crop\)](#)