



Cardinal™

Improves Management of:

Seedhead suppression in poa annua and white clover and clipping, mowing, trimming and overall quality of cool-season turf and Bermuda grass

Spend Less Time Maintaining Turf By Slowing Down Its Growth.

Cardinal™ plant growth regulator can conveniently make your job easier. A Type II product based on the proven active ingredient ethephon, Cardinal effectively and economically suppresses seedhead formation in poa annua and white clover and regulates the growth of cool-season turf varieties and Bermuda grass. Cardinal helps with turf

growth suppression, which reduces the time you spend mowing, trimming and removing clippings. Cardinal is also highly useful in hard-to-mow places where it's a cost-effective alternative for extended turf growth suppression. Cardinal can be applied to golf course greens, tees, fairways, and roughs, as well as commercial turfgrasses.

Features

Suppresses poa annua seedheads

Turfgrass growth suppression

Reduced phytotoxicity

Approved for multiple use sites

Integrates with other Phoenix products

Benefits

Cardinal effectively suppresses poa annua seedheads when applied prior to the "boot" stage, and can also suppress seedhead formation in white clover

Effectively and economically control the growth of desirable turfgrass, for up to seven weeks on Kentucky bluegrass, tall and fine fescue, perennial ryegrass and Bermuda grass

Poses a low risk of phytotoxicity, unlike some other products used for seedhead suppression

Can be applied to golf course roughs, fairways and greens, as well as hard-to-mow bunker facings, fence and hedge rows, cart paths and natural areas

Whether you want to nurture, transition or eliminate poa annua, Phoenix products such as Cardinal, Knighthawk®, Thrasher™, CutDown™, GoldWing®, Harrier® and Rook™ can help you meet your management goals

Directions For Use:

Apply Cardinal at 5 ounces per 1,000 square feet as a single application, or apply sequential treatments throughout the growing season. Repeat applications may be made as needed to areas which are predominately poa annua or white clover, but not less than two weeks after the previous application. Do not exceed 30 ounces of Cardinal per year. For best turfgrass growth regulation, apply Cardinal when daytime air temperatures are above 65 degrees. Use a minimum of 20 gallons of water per acre. Higher water volumes will promote better and more uniform coverage. The actual rate per acre will vary

depending on turf species, the length of control desired (higher rates result in longer control) and number of applications. Always calibrate sprayers prior to use. Do not mix Cardinal with ammonium thiosulfate, as it may cause toxic fumes. Immediately rinse spills with plenty of water.

Field Support:

When you need product or technical assistance, turn to Phoenix Environmental Care's local distributor network for responsive service and support. You can also direct any questions regarding Cardinal to 1-888-240-8856 for prompt attention.



P.O. Box 370 Valdosta, GA 31603-0370 | 888.240.8856 | www.PhoenixEnvCare.com

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