COOL-SEASON GRASSES: KENTUCKY BLUEGRASS (RESIDENTIAL AND COMMERCIAL TURF)

General Information

GENERAL INFORMATION

This product is not registered for use in the commercial production of plants in the state of Arizona, such as sod farms.

This product is a microemulsion concentrate (MEC) for management of the growth of warm and cold-season turfgrasses, reducing the frequency of mowing and the amount of grass clippings generated. Applications of this product also frequently result in increased turf density, increased color, and increased turf quality. Apply this product to turfgrass areas such as residential and commercial lawns, golf courses, sod farms, sports fields, cemeteries and other similar areas that are well-maintained. This product is useful in the management of difficult-to-mow areas and can be used to minimize the need for edging turfgrass along sidewalks, curbs, parking lots, driveways, flower beds, fences and around posts, storage sheds, and trees.

This product is absorbed by foliar uptake and is rainfast after one hour. Watering-in is not necessary for activation. Environmental conditions, management, and cultural practices that affect turf growth and vigor will influence the response of the turf to applications of this product. Fertility level, moisture availability, plant vigor, height and frequency of mowing, etc. have all been shown to influence the activity of this product. Full growth regulation by this product begins at about 3 to 5 days after application.

Notice To User: Plant tolerances to this product have been found to be acceptable for the grasses listed on the label; however, due to the large number of species and cultivars of grasses it is impossible to test every one for tolerance to this product. Neither the manufacturer nor the seller has determined whether or not this product can be used safely on grasses not specified on the label and professional users should first determine if it can be safely applied prior to commercial use by testing on a small scale by applying the lower specified rate for the turf setting (lawn, fairway, etc.) and evaluating for phytotoxicity and growth inhibition prior to
USE PRECAUTIONS

- Do NOT apply this product through any type of irrigation system.

- Do NOT graze treated areas or feed treated clippings to livestock.

- Quality turf areas treated with this product should continue to receive regular maintenance practices, including irrigation; fertilization; and weed, disease, and insect control when necessary.

- Because some herbicides can injure turf, test tank mixes with this product on a small scale before widespread use.

- Temporary yellowing is sometimes a result of applications of this product but usually disappears approximately one week after application. To minimize yellowing and to enhance the green color of turf, apply readily available nitrogen at a rate of 0.2 to 0.5 lb. of actual nitrogen per 1,000 sq. ft. If desired, specified rates of iron per 1,000 sq. ft. can also be used.

APPLICATION INSTRUCTIONS

Excessive turf growth during spring flushes or as a result of fertilization require higher rates of this product (up to 50% greater) to provide an adequate length of control.

For extended growth suppression (up to 8 weeks) when temporary discoloration can be tolerated, apply a maximum of twice the specified product rate from the “Application Rate Table” on label.

Reduce product use rates up to 50% for turfgrass grown under conditions of low fertility, compaction, or other factors, which stress the turf.

Multiple applications of this product can be made each growing season, but do not exceed a total of 7.0 fl. oz./1,000 sq. ft. (305 fl. oz./A; 19.0 pts./A) per year.

Mowing

This product generally provides greater suppression when turfgrasses are maintained at lower mowing heights and the application rates in the label have widespread use.
been selected for typical mowing heights; be sure to adjust the application rate based on the actual mowing conditions under which this product will be applied. To minimize possible turf injury, apply this product at least 4 hours before mowing or at least 1 hour after mowing.

Application Timing

Apply this product to actively-growing turf. Use a lower rate of this product if turf is going into dormancy because of high or low temperatures or lack of moisture.

As soon as the turf resumes growth or if more suppression is desired, make repeat applications of this product but do NOT apply more than 7.0 fl. oz./1,000 sq. ft. per year.

Equipment

Apply this product using backpack sprayers, hand sprayers, boom sprayers, and with spraygun application devices. Be sure to clean the spray equipment thoroughly before use and make sure the sprayer is calibrated and capable of accurate and uniform application. Rinse sprayer with clean water after use and dispose of rinsate in an approved manner.

Application Near and Around Monuments and Hardscape Materials

At normal dilution rates, this product will not stain brass, bronze, concrete, marble, granite, or other types of stone. Prior to using this product around other materials, test on a small-scale basis first.

Turf Pre-Stress Conditioning

Multiple product applications, in conjunction with cultural practices such as fertilization, irrigation, drainage and mowing height will delay the onset of stress, improve stress survival, and enhance turfs recovery from stress. Apply this product to healthy, actively growing turf before the onset of stress and continue to apply this product throughout the growing season as long as the turf remains healthy. NOTE: Do NOT apply more than 7.0 fl. oz./1,000 sq. ft. per year.
When turf top growth slows, energy is redirected to below-ground plant parts, and root and rhizome production increases resulting in root-mass that is often greater in product-treated turf than in similar, untreated turf.

Research indicates that this product enhances the performance of fungicides. Monthly applications of this product at the label rate or biweekly application at 1/2 the label rate strengthens the turfgrass to help it resist disease. Additionally, if mowing is less frequent, and leaf material removal is reduced, contact and systemic products will remain at effective concentrations on or in the turf longer.

Multiple product applications will result in smaller, more compact turfgrass and reduced leaf area, resulting in reduced transpiration, water use and improved drought tolerance. Increased turf density will also reduce moisture loss from soil evaporation, and additional soil moisture will be available due to increased root depth and mass. This product enhances cold and heat tolerance by increasing carbohydrate levels.

POA ANNUA CONVERSION/RENOVATION

As part of an overseeding/renovation program allowing better germination and seedling growth of more desirable turf, apply this product to existing turf infested with stands of Poa annua. By combining this product with appropriate cultural practices that help to ensure the vigor and growth of new seedlings, fewer clippings and reduced maintenance traffic on new seedlings will result. Additionally, seed germination is not affected because this product is absorbed foliarly. NOTE: Aggressive application rates result in temporary initial discoloration.

Apply this product 1 to 5 days before seeding and before verticutting, scalping, spiking or other similar operations. The following spring, apply the specified upper end rate of this product for the turf type and setting listed in the “Application Rate Table”. Actual conversion success will also depend on growing conditions, fertilization, rainfall, and other agronomic and environmental conditions.

BERMUDAGRASS OVERSEEDING

Establishment of cool-season turfgrasses can be enhanced by applying this product to bermudagrass. By combining this product with appropriate cultural practices that help to ensure the vigor and growth of new seedlings, fewer clippings and reduced
maintenance traffic on new seedlings will result. Additionally, seed germination is not affected because this product is absorbed foliarly. NOTE: Aggressive application rates result in temporary initial discoloration.

Apply this product to the bermudagrass 1 to 5 days before seeding or before verticutting, scalping, spiking, or other similar operations. For maintenance applications, see the “Application Rate Table”. Use normal seeding rates for your area and turf setting (lawn, fairway, etc.). Actual overseeding results will also depend on growing conditions, fertilization, rainfall, and other agronomic and environmental conditions.

Limitations, Restrictions, and Exceptions

COOL-SEASON GRASSES

NOTE: The rates specified should provide 50% suppression of turf growth with minimal yellowing for 4 weeks under good growing conditions.

Residential and Commercial turf: Including, but not limited to: home lawns, parks, recreation areas, golf course roughs, cemeteries, business sites, sports fields, and sod farms.

Application Rates: Seedheads - At rates equal to or higher than the rates in Table 1 (on label), this product provides seedhead suppression of annual bluegrass, bahiagrass, buffalograss, carpetgrass, common bermudagrass, Kentucky bluegrass, and tall fescue. This product must be applied prior to seedhead formation.

Method
Spray
Rates
field_rates 0
field_rates 1
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Timings
Apply to actively growing turf.