

COOL SEASON TURF: PERENNIAL RYEGRASS CULTIVARS - FAIRWAYS AND ROUGHS

General Information

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

All applicable directions, restrictions, precautions and Conditions of Sale and Warranty are to be followed.

PRODUCT INFORMATION

ANUEW is a tool for plant growth management. It works by inhibiting late stage biosynthesis of gibberellin, resulting in a decrease in cell elongation, a slowing of vertical growth, and an improvement in plant physiology leading to plant health and stress tolerance.

Turf: In turfgrass inhibiting late stage biosynthesis of gibberellin results in a reduction of both the mowing frequency and the amount of grass clippings in the treated area. ANUEW reduces clippings within 2-5 days depending on species. The turfgrass treated with ANUEW grows in a more compact form, often resulting in the enhancement of its color and quality. ANUEW is active through foliar-uptake and is not taken up by the plant from the soil therefore, when applying it is important to use enough spray volume to thoroughly wet the turfgrass leaves without significant runoff. A non-ionic spreader to spread spray droplets should be used to assure effective spray coverage. Due to rapid foliar absorption, Anuew is rainfast within 1-4 hours. ANUEW is most effective when used on actively growing, well-maintained turf. The risk of scalping may be reduced on turfgrass areas treated with ANUEW. It can be applied to golf course fairways, tees, greens and roughs, residential and commercial lawns, sod farms, sports fields, cemeteries, and municipal sites. Re-application of Anuew should be based on a Growing Degree Day (GDD) modeling

using environmental data from the use location. Research has shown that 280-350 GDD should be used for re-application timings for common golf situations to assure even turf regulation and to avoid rebound growth.

NOTICE TO USER: Turf tolerance to ANUEW has been found to be acceptable for the turf species listed on this label. Due to the large number of species cultivars and growing situations it is impossible to test every one for tolerance efficacy and plant safety to ANUEW. Neither the manufacturer nor the seller has determined whether or not ANUEW can be used safely on turf species not specified on this label. For these turf species the professional user should determine if ANUEW can be utilized effectively and safely prior to large scale commercial use. Before using ANUEW on turf species not listed on this label test ANUEW on a small scale first. Start with the lowest directed rate and evaluate the treated turf for plant safety and effective growth regulation prior to widespread use.

RESTRICTIONS

- Do not use on food crops.
- Do not apply ANUEW through any irrigation/chemigation system.
- Do not apply more than 26 oz per 1000 square feet of ANUEW per year.
- Under certain environmental conditions and growth stage conditions on annual bluegrass (*Poa annua*), a transient foliar chlorosis or bronzing may be observed. For optimal results apply to healthy actively growing turfgrass.
- ANUEW may be used on sodded or sprigged turf after it has knitted down and rooted firmly.
- Do not graze treated areas or feed clippings to livestock.
- Do not apply ANUEW to grass grown for seed.

USE DIRECTIONS / APPLICATION METHODS FOR TURFGRASS

See the ANUEW Application Rates Table for product use and application rates, which can be used for growth management and turfgrass color and quality enhancement.

ANUEW performance can be affected by many factors, including environmental conditions, turf vigor and growth stage, soil moisture, fertility levels, and other cultural practices that affect plant growth.

Application Timing:

Apply ANUEW when the turf is green and actively growing. Delay the application or

use a lower rate of ANUEW as designated in the ANUEW Application Rates Table if the turf is entering stressful growing conditions, such as pest pressure, high temperatures, low moisture conditions or certain cultural practices such as, but not limited to, aerification or verticutting. Repeat applications of ANUEW may be made as noted in the ANUEW Application Rates Table.

Re-application of Anuew should be based on a Growing Degree Day (GDD) model using environmental data from the use location. Research has shown that 280-350 GDD should be used for re-application timings for common golf situations to assure even turf regulation and to avoid rebound growth.

Spray Preparation:

Apply ANUEW in a sufficient volume of water to provide uniform and complete wetting of the turfgrass foliage. 0.5 to 5 gallons water/1,000 sq ft may be used, however, for best results 1-2 gallon water/1,000 sq ft is recommended.

Adjuvants: Use of a non-ionic surfactant in the spray mixture may improve coverage of the turf foliage and product performance consistency. Follow the manufacturer's label rate recommendation.

Hard Water: If the water source used for the spray mixture is high (greater than 40 ppm or 40 mg/l) in calcium, add 1 pound of ammonium sulfate for every pound of ANUEW used in the spray tank. Use a high quality, spray-grade ammonium sulfate product to avoid nozzle plugging.

Irrigation:

After application: Do not irrigate treated area for 4 hours after application.

Program Scheduling: Turfgrass areas treated with ANUEW should continue to be maintained normally using proper irrigation, fertility, and pest control product(s) when necessary. Precaution is advised when tank mixing with ANUEW. The spray mixture should be applied on a small area first as a test before treating larger areas.

Conditions for Best Performance of ANUEW: Treated turfgrass is actively growing.

* Use a non-ionic surfactant to help improve leaf coverage and plant uptake of the active ingredient.

* Maximize the time the applied spray mixture remains as a moist film on the

turfgrass foliage by avoiding treatments during warm, low humidity, and windy conditions. Longer drying times enhance absorption of ANUEW.

Limitations, Restrictions, and Exceptions

Cool Season Turf

Perennial ryegrass cultivars such as Manhattan IV; Tall Fescues, Fine Fescue

FAIRWAYS, ROUGHS (280-350 GDD Interval)

When using shorter application intervals, performance should first be evaluated using the lower directed rates.

Method

[Spray](#)

Restricted Entry Interval

12 hours

Timings

[Spray](#)