

# Cutless<sup>®</sup> MEC

## Turf Growth Regulator

SPECIMEN



For growth management and quality improvement of perennial cool and warm season turfgrasses on golf courses.

### Active Ingredient:

flurprimidol:  $\alpha$ -(1-methylethyl)- $\alpha$ -[4-(trifluoromethoxy)phenyl]-5-pyrimidinemethanol ..... 16.0%

Other Ingredients ..... 84.0%

TOTAL ..... 100.0%

Contains 1.3 pounds active ingredient per one (1) U.S. gallon.

### Keep Out of Reach of Children

## WARNING / AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

Refer to inside of label booklet for additional precautionary information and directions for use, including First Aid and storage and disposal.

**NOTICE:** Read the entire label before using. Use only according to label directions. Before buying or using this product, read *Terms and Conditions of Use*, *Warranty Disclaimer*, *Inherent Risks of Use* and *Limitation of Remedies* inside label booklet.

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SePRO Corporation

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EPA Reg. No. 67690-51

### FIRST AID

|                               |                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>If in eyes</b>             | <ul style="list-style-type: none"><li>Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>Call a poison control center or doctor for treatment advice.</li></ul>                                                         |
| <b>If swallowed</b>           | <ul style="list-style-type: none"><li>Call a poison control center or doctor immediately for treatment advice.</li><li>Have person sip a glass of water if able to swallow.</li><li>Do not induce vomiting unless told to do so by a poison control center or doctor.</li><li>Do not give anything by mouth to an unconscious person.</li></ul> |
| <b>If on skin or clothing</b> | <ul style="list-style-type: none"><li>Take off contaminated clothing.</li><li>Rinse skin immediately with plenty of water for 15 - 20 minutes.</li><li>Call a poison control center or doctor for treatment advice.</li></ul>                                                                                                                   |
| <b>If inhaled</b>             | <ul style="list-style-type: none"><li>Move person to fresh air.</li><li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li><li>Call a poison control center or doctor for further treatment advice.</li></ul>                                                   |

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. In case of emergency endangering health or the environment involving this product, call **INFOTRAC at 1-800-535-5053.**

### PRECAUTIONARY STATEMENTS

#### Hazards to Humans and Domestic Animals

**Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Wear protective eyewear (goggles, face shield, or safety glasses).**

### Keep Out of Reach of Children

## WARNING / AVISO

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

#### Applicators and other handlers must wear:

- Long-sleeved shirt and long pants;
- Shoes plus socks; and
- Protective eyewear.

#### User Safety Requirements

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

### USER SAFETY RECOMMENDATIONS

#### Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

### ENVIRONMENTAL HAZARDS

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment water or rinsate.

### DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Read all directions for use carefully before applying this product. Use only according to label directions.

**Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.**

#### Avoid Spray Drift

Applications must be made only when there is no hazard for spray drift. Very small quantities of spray, which may not be visible, may seriously injure susceptible plants. **Do not spray when wind is greater than 10 mph.** Avoiding spray drift at the application site is the responsibility of the applicator. The interaction of many equipment and weather related factors determine the potential for spray drift. The applicator is responsible for considering all these factors when making decisions.

### INFORMATION FOR GROWTH REGULATION OF PERENNIAL TURFGRASSES

Cutless MEC Turf Growth Regulator is a Type II Class B plant growth regulator (PGR) which reduces leaf blade length and stem internode elongation in turfgrasses resulting in a more compact growth form. Growth regulation results from suppression of gibberellic acid biosynthesis. Under normal growing conditions root growth and lateral expansion of turf are not affected. An appropriate fertility program for the desired turf species should be followed in conjunction with Cutless MEC applications to provide best turfgrass enhancement and reduce potential for discoloration. Broadcast treatments should be made on medium to high quality turfgrass areas of uniform species composition. Turf containing significant amounts of coarse textured species such as tall fescue, orchardgrass, timothy, dallisgrass, etc., may respond unevenly to Cutless MEC treatment.

**Benefits of Cutless MEC Applications to Perennial Turfgrasses may include:**

- Shoot growth suppression of warm and cool season turfgrasses resulting in decreased mowing frequency and turfgrass clippings;
- Increased turfgrass density, wear resistance, and improved color on warm and cool season turfgrass species resulting in improved turf quality;
- Suppressed growth of *Poa annua*, reducing populations and shifting competitive growth advantage towards perennial turfgrasses;
- Improved water use efficiency of warm and cool season turfgrass resulting in pre-drought stress conditioning.

**NOTICE TO USER:** The rates indicated may need to be adjusted within the approved rate ranges on this label to achieve the desired level of growth regulation on turfgrass species listed on this label. Turfgrass response to Cutless MEC may vary within turfgrass species due to the large number of cultivars and varieties available. The specified rate ranges permit the users to adjust the application rate to best address the growth conditions of the turfgrass being treated. Neither the manufacturer nor seller has determined if Cutless MEC can be used safely or effectively on turfgrass species not mentioned on this label. For turfgrass species not listed on this label the user should apply Cutless MEC to a small test area to determine growth response and desired level of growth regulation prior to large scale applications.

#### Use Precautions for Applications to Perennial Turfgrasses

- Do not apply to putting greens other than those where bentgrass is the desired turf species.
- Do not apply to bermudagrass putting greens, including those which are overseeded.
- Do not apply this product to sod farms, turfgrasses grown for seed, including plants or plant materials grown for sale or research purposes.
- Do not apply to shrubs, bedding plants, and/or food plants.
- Do not apply during prolonged periods of temperature (heat or cold) or moisture stress. Also avoid applications during periods of extreme disease and insect pressure.
- Applications of Cutless MEC to newly seeded turfgrasses should be delayed until turf is well established and actively growing.
- Cutless MEC must not be applied until 6 to 8 weeks after turfgrass sprigging or laying sod. Turfgrass must be well established and actively growing prior to application.
- Do not apply to saturated soils or when a significant moisture event is anticipated. Cutless MEC may accumulate in low lying areas and cause prolonged and excessive growth regulation in those areas.
- Do not apply to areas where *Poa annua* is the desired turfgrass species or areas that contain >80% *Poa annua*.
- Additional turfgrass growth regulation may occur when Cutless MEC is tank mixed or used in conjunction with demethylation inhibitor (DMI) or sterol inhibiting fungicides.
- Do not apply to turf used for livestock production.
- Do not apply more than 3.0 lbs AI/A/year or 295.4 fl. oz./A/year of Cutless MEC.
- **Chemigation:** Do not apply Cutless MEC through any type of irrigation system.

#### Application Timing

Spring applications must be made after resumption of active seasonal growth of turfgrass. The final application of the season must be timed at least 4 weeks before the onset of inactive grass growth or winter dormancy. Applications to overseeded turfgrasses in dormant bermudagrass stands must be completed 4 weeks prior to expected bermudagrass green-up.

#### Irrigation

Cutless MEC is primarily root absorbed. To maximize growth regulator activity, treated areas should receive 0.25 to 0.5 inch of rain or supplemental irrigation within 24 hours following application and prior to the first mowing after treatment.

#### Turf Color and Post-Treatment Turf Management

Turfgrass treated with Cutless MEC may appear darker green in color. This color change, which appears 1 to 2 weeks after treatment, may persist an additional 3 to 6 weeks. Treated areas should be managed to encourage the growth of a healthy vigorous turf.

#### *Poa annua* (Annual Bluegrass) Conversion to Perennial Turfgrasses

Applications of Cutless MEC followed by management practices designed to encourage vigorous growth of perennial turfgrasses can reduce the *Poa annua* (annual bluegrass) competition in cool season turf and increase the cover of more desirable perennial species. *Poa annua* is more sensitive to Cutless MEC treatments and is therefore more strongly suppressed than perennial turfgrass species. Discoloration of some *Poa annua* biotypes can be expected from treatments that provide a desired level of growth regulator activity in perennial grass species. This effect becomes visible 7 to 10 days after treatment and lasts 3 to 6 weeks. The degree of discoloration will be proportional to the *Poa annua* composition of the turf. Application of Cutless MEC in conjunction with soluble nitrogen fertilizers will also minimize discoloration. Application timing, rate ranges, and precautions for perennial grass conversion through selective reduction of *Poa annua* are provided in the *Poa annua* (Annual Bluegrass) Conversion to Perennial Turfgrasses section of this label.

#### Application Directions

##### Mixing Directions

Add Cutless MEC to a spray tank half filled with clean water. Begin agitation allowing sufficient mixing time to ensure complete dispersion and mixing of Cutless MEC. Finish filling the spray tank. Continue agitation throughout the spraying operation to ensure uniform application. Cutless MEC should be applied using a boom-type sprayer with bypass and/or mechanical agitation calibrated to deliver 40 to 200 gallons/acre of spray solution (1 to 4.6 gallons/1000 ft<sup>2</sup>). In-line strainers and nozzle screens should be 50 mesh or larger. The use of a coloring agent to mark areas already sprayed is suggested for uniform application without skips and overlaps. Performance may be improved with the addition to the spray mix of a readily available nitrogen (N) source at 0.125 to 0.5 lbs N/1000 ft<sup>2</sup> or iron (Fe) at labeled rates.

##### Cutless MEC + Tank Mixtures

Cutless MEC can be tank mixed and is compatible with most commonly-used pesticides and foliar nutrient products. However, compatibility of Cutless MEC with tank mix partners should be tested before use.

**NOTE:** The compatibility of Cutless MEC in any tank-mix combination should be tested before use. To determine the physical compatibility with other products, use a jar test as described below:

Using a quart jar, add the proportionate amounts of the products to 1 quart of water. Add wettable powders and water-dispersible granular products first, then liquid flowables, and emulsifiable concentrates last. After thoroughly mixing, let stand for at least 5 minutes. If the combination remains mixed or can be remixed readily, it is physically compatible. Once compatibility has been proven, use the same procedure sequence for adding required ingredients to the spray tank.

**Read and follow all label directions for each tank mix product.**

#### Cutless MEC Rates for Growth Reduction of Perennial Turfgrass Species – Multiple Application Program

The maximum number of seasonal applications is determined by the sum of the rates applied, not to exceed 3.0 lbs ai/A or 295.4 fl. oz. Cutless MEC/A.

##### • Cool Season Turfgrasses

###### • Bentgrass (Golf Course Fairway Type Turf)

**Multiple application program:** Apply Cutless MEC to fairway height bentgrass at a rate of 24.6 to 49.2 fl. oz./acre in early spring following resumption of active growth. Repeat applications of 12.3 to 49.2 fl. oz./acre of Cutless MEC may be made at 2 to 6 week intervals until late summer or early fall.

###### • Bentgrass Putting Greens

**Multiple application program:** Apply Cutless MEC to bentgrass as part of an overall greens management program. An initial application of Cutless MEC may be made after bentgrass greens are growing vigorously and have been mowed 3 or 4 times. Apply Cutless MEC at a rate of 12.3 to 24.6 fl. oz./acre. Repeat applications of 6.1 to 24.6 fl. oz./acre may be made at 2 to 4 week intervals.

###### • Kentucky Bluegrass and Perennial Ryegrass

**Multiple application program:** Apply Cutless MEC to Kentucky bluegrass and perennial ryegrass at a rate of 36.9 to 49.2 fl. oz./acre in early spring following resumption of active growth. Repeat applications of 24.6 to 49.2 fl. oz./acre may be made at 2 to 6 week intervals until late summer or early fall.

##### • Warm Season Grasses

###### • Seashore Paspalum

**Multiple application program:** Apply Cutless MEC to Seashore paspalum at a rate of 12.3 to 49.2 fl. oz./acre when paspalum has completely recovered from winter dormancy and is growing vigorously. Repeat applications of 12.3 to 49.2 fl. oz./acre of Cutless MEC may be made at 3 to 6 week intervals until late summer or early fall.

###### • Tifway (419), TifSport, and GN-1 Bermudagrass

**Multiple application program:** Apply Cutless MEC to Tifway, TifSport, and GN-1 bermudagrass at a rate of 12.3 to 36.9 fl. oz./acre when bermudagrass has completely recovered from winter dormancy and is growing vigorously. Repeat applications of 12.3 to 36.9 fl. oz./acre of Cutless MEC may be made at 3 to 6 week intervals until late summer or early fall.

• Zoysiagrass

**Multiple application program:** Apply Cutless MEC at a rate of 12.3 to 36.9 fl. oz./acre for growth regulation of zoysiagrass when the grass has completely recovered from winter dormancy and is growing vigorously. Repeat applications of 12.3 to 36.9 fl. oz./acre of Cutless MEC may be made at 3 to 6 week intervals. NOTE: late summer or early fall applications of Cutless MEC are not to be used for growth regulation of zoysiagrass.

**NOTICE TO USERS:** To the extent consistent with applicable law, this label makes no warranties concerning the performance of Type II Class A PGRs, including Primo MAXX®. Read and follow all label directions including Directions for Use, Precautionary Statements, and Restrictions and Limitations for Primo MAXX®.

| Turfgrass Species                         | Initial Spring Application†<br>(Fl. Oz. Cutless MEC/A) | Repeat Applications†    |                                          |
|-------------------------------------------|--------------------------------------------------------|-------------------------|------------------------------------------|
|                                           |                                                        | (Fl. Oz. Cutless MEC/A) | Treatment Interval                       |
| <b>Cool Season Turfgrasses</b>            |                                                        |                         |                                          |
| Bentgrass (golf course fairway)           | 24.6 to 49.2                                           | 12.3 to 49.2            | 2 to 6 weeks                             |
| Bentgrass putting greens                  | 12.3 to 24.6                                           | 6.1 to 24.6             | 2 to 4 weeks                             |
| Kentucky Bluegrass/<br>Perennial Ryegrass | 36.9 to 49.2                                           | 24.6 to 49.2            | 2 to 6 weeks                             |
| <b>Warm Season Turfgrasses</b>            |                                                        |                         |                                          |
| Seashore Paspalum                         | 12.3 to 49.2                                           | 12.3 to 49.2            | 3 to 6 weeks                             |
| Tifway, TifSport, and GN-1 Bermudagrass   | 12.3 to 36.9                                           | 12.3 to 36.9            | 3 to 6 weeks                             |
| Zoysiagrass                               | 12.3 to 36.9                                           | 12.3 to 36.9            | 3 to 6 weeks;<br>not in late summer/fall |

† Apply in early spring following resumption of active growth of the grass. Fall applications must be discontinued 4 weeks before the onset of inactive grass growth or winter dormancy.

**Application Information - Cutless MEC Tank Mixes With Primo MAXX® (Trinexapac-Ethyl)**

Tank mixing Cutless MEC with Primo MAXX® can provide enhanced growth suppression and improved turfgrass quality of perennial turfgrass species, versus using either product alone. Plant physiological advantages of tank mixing these two PGRs include:

1. Different mode of action within the gibberellic acid (GA) biosynthesis pathway; and
2. Difference in plant site of uptake.

PGR absorption via the foliage (Type II Class A; Primo MAXX®) and roots (Type II Class B; Cutless MEC) maximizes plant uptake of each material ensuring sufficient active ingredient is available for GA inhibition.

Blocking GA biosynthesis early and late in the pathway potentially regulates GA more efficiently than higher application rates of individual compounds. Turfgrass response from Cutless MEC tank mixes with Primo MAXX® at reduced rates may be greater than with normal use rates of either product applied alone. This combination of plant growth regulators and its use are protected by United States Patent No. 7,135,435. Additional patent rights pending.

**Tank Mix Use Precautions**

- Do not apply to bermudagrass putting greens.
- If *Poa annua* is the desired turf species or >25% of turfgrass stand, do not use unless *Poa annua* discoloration or injury can be tolerated.
- Rainfall or irrigation must be delayed at least 1 hour after application or until product has dried on the leaf surface but should occur within 24 hours after application.
- Desirable growth regulation during early spring or late fall when turfgrass growth and vigor are reduced may be obtained with lower rates of both products.

**TABLE 2  
Rate Ranges for Cutless MEC Plus Type II Class A PGR Tank Mixes**

| Turfgrass Species                         | Fl. Oz. Cutless MEC/A | Primo MAXX® (Trinexapac-ethyl) | Treatment Interval |
|-------------------------------------------|-----------------------|--------------------------------|--------------------|
| <b>Cool Season Turfgrasses</b>            |                       |                                |                    |
| Bentgrass (golf course fairway)           | 6.1 to 24.6           | ½ labeled use rate             | 2 to 6 weeks       |
| Bentgrass putting greens                  | 6.1 to 12.3           | ½ labeled use rate             | 2 to 6 weeks       |
| Kentucky Bluegrass/<br>Perennial Ryegrass | 12.3 to 24.6          | ½ labeled use rate             | 2 to 6 weeks       |
| <b>Warm Season Turfgrasses</b>            |                       |                                |                    |
| Seashore Paspalum                         | 12.3 to 24.6          | ½ labeled use rate             | 3 to 6 weeks       |
| Tifway, TifSport, and GN-1 Bermudagrass†† | 6.1 to 24.6           | ½ labeled use rate             | 3 to 6 weeks       |
| Zoysiagrass                               | 12.3 to 24.6          | ½ labeled use rate             | 3 to 6 weeks       |

† Do not use on bermudagrass putting greens.

***Poa annua* (Annual Bluegrass) Conversion to Perennial Turfgrasses**

- **Multiple Application Program** - A multiple application perennial grass conversion program using Cutless MEC provides *Poa annua* suppression and cool season turf conversion. This program provides a gradual perennial grass conversion reducing *Poa annua* populations over one to several growing seasons. To maximize seedling establishment, do not apply Cutless MEC two (2) weeks prior to and/or 2 weeks after interseeding or overseeding of perennial turfgrasses.

The maximum number of seasonal applications is determined by the sum of the rates applied, not to exceed 3.0 lbs ai/A or 295.4 fl. oz. Cutless MEC/A.

- **Bentgrass (Golf Course Fairway type turf)**  
Apply Cutless MEC to fairway height bentgrass at a rate of 24.6 to 49.2 fl. oz./acre in early spring following resumption of active growth of the grass. Repeat applications of 12.3 to 49.2 fl. oz./acre of Cutless MEC may be made at 2 to 6 week intervals until late summer or early fall. Normal management practices such as fertilization, aeration and interseeding/overseeding will encourage growth of bentgrass.
- **Bentgrass Putting Greens**  
Because annual turfgrass species such as *Poa annua* are more strongly regulated by Cutless MEC, careful use of Cutless MEC on putting greens with a high percentage of *Poa annua* can shift the competitive balance between bentgrass and *Poa annua* to favor bentgrass. Follow normal management practices such as fertilization, aeration and interseeding/overseeding that encourages growth of bentgrass. Use of Cutless MEC on bentgrass greens may increase putting speed without reducing the height of cut.
  - o Bentgrass Greens with less than 50% *Poa annua* (annual bluegrass): Apply Cutless MEC to bentgrass as part of an overall greens management program. An initial application of Cutless MEC may be made in the spring months after bentgrass greens are growing vigorously and have been mowed 3 or 4 times. Apply Cutless MEC at a rate of 12.3 to 24.6 fl. oz./acre. Repeat applications of 12.3 to 24.6 fl. oz./acre of Cutless MEC may be made at 2 to 4 week intervals through early fall.
  - o Bentgrass Greens with more than 50% *Poa annua* (annual bluegrass): Apply Cutless MEC to bentgrass greens at a rate of 12.3 fl. oz./acre in the spring months after bentgrass greens are growing vigorously and have been mowed 3 or 4 times. Repeat applications of 12.3 to 24.6 fl. oz./acre of Cutless MEC may be made at 2 to 4 week intervals through early fall.

- Kentucky Bluegrass, Perennial Ryegrass

Apply Cutless MEC to Kentucky bluegrass and perennial ryegrass at a rate of 36.9 to 49.2 fl. oz./acre in early spring following resumption of active growth of the grass. Repeat applications of 24.6 to 49.2 fl. oz./acre of Cutless MEC may be made at 3 to 6 week intervals until late summer or early fall. Normal management practices such as fertilization, aeration and interseeding/overseeding will encourage growth of bluegrass and/or ryegrass.

| Turfgrass Species                              | % <i>Poa annua</i> | Initial Spring Application <sup>†</sup> | Repeat Applications <sup>†</sup> |                    |
|------------------------------------------------|--------------------|-----------------------------------------|----------------------------------|--------------------|
|                                                |                    | Fl. Oz. Cutless MEC/A                   | Fl. Oz. Cutless MEC/A            | Treatment Interval |
| Bentgrass (golf course fairway)                | 0 - 80%            | 24.6 to 49.2                            | 12.3 to 49.2                     | 2 to 6 weeks       |
| Bentgrass Putting Greens                       | Less than 50%      | 12.3 to 24.6                            | 12.3 to 24.6                     | 2 to 4 weeks       |
|                                                | More than 50%      | 12.3                                    | 12.3 to 24.6                     | 2 to 4 weeks       |
| Kentucky Bluegrass/Perennial Ryegrass Fairways | 0 - 80%            | 36.9 to 49.2                            | 24.6 to 49.2                     | 3 to 6 weeks       |

<sup>†</sup> Apply in early spring following resumption of active growth of the grass. Fall applications must be discontinued 4 weeks before the onset of inactive grass growth or winter dormancy.

- **Alternative Spring/Fall Application Program** - The alternative spring/fall application program selectively suppresses *Poa annua* growth in perennial turfgrass species. Injury or discoloration of *Poa annua* is expected within 7 to 10 days of application. Cultural practices such as fertilization, aeration and interseeding/overseeding should be performed in conjunction with Cutless MEC applications to encourage growth of the perennial turfgrass species.
- **Bentgrass or Kentucky Bluegrass/Perennial Ryegrass fairways with less than 50% *Poa annua* (annual bluegrass):** An alternative spring/fall treatment program for management of *Poa annua* in fairways containing less than 50% *Poa annua* is to apply 73.8 fl. oz./acre of Cutless MEC following resumption of active bentgrass or Kentucky Bluegrass/Perennial Ryegrass growth in the spring. A second application of 49.2 fl. oz./acre of Cutless MEC may be made in the early fall. Interseed/overseed with Bentgrass or Kentucky Bluegrass/Perennial Ryegrass 3 to 4 weeks following early fall application.
- **Bentgrass or Kentucky Bluegrass/Perennial Ryegrass fairways with more than 50% *Poa annua* (annual bluegrass):** Apply Cutless MEC at a rate of 49.2 to 73.8 fl. oz. /acre in late summer or early fall. Interseed/overseed with bentgrass or Kentucky Bluegrass/Perennial Ryegrass 3 to 4 weeks following late summer or early fall application. Apply an additional 49.2 fl. oz./acre of Cutless MEC the following spring after resumption of active growth of bentgrass or Kentucky Bluegrass/Perennial Ryegrass.

| Turfgrass Species                                           | % <i>Poa annua</i> | Spring/Fall application <sup>†</sup> (Fl. Oz. Cutless MEC/A)         |
|-------------------------------------------------------------|--------------------|----------------------------------------------------------------------|
| Bentgrass or Kentucky Bluegrass/Perennial Ryegrass Fairways | Less than 50%      | 73.8 in spring; 49.2 in fall                                         |
|                                                             | More than 50%      | 49.2 to 73.8 in late summer or early fall; 49.2 the following spring |

<sup>†</sup> Apply in early spring following resumption of active growth of the grass. Fall applications must be discontinued 4 weeks before the onset of inactive grass growth or winter dormancy.

### **Dollar Spot (*Sclerotinia Homoeocarpa*) Suppression by Cutless MEC in Creeping Bentgrass**

The active ingredient in Cutless MEC is from the pyrimidine class of chemistry which is structurally similar to pyrimidine fungicides that provide Dollar Spot control. Programmed applications of Cutless MEC for turf growth suppression or *Poa annua* conversion have also been shown to suppress Dollar Spot incidence in creeping bentgrass fairways, greens and tees. Research results have shown Cutless MEC applications at labeled rates and application intervals can significantly reduce Dollar Spot incidence and populations when compared to untreated control plots. Cutless MEC must not be used to replace labeled fungicides for the control of Dollar Spot; rather programmed use of Cutless MEC may result in longer or improved control of Dollar Spot in conjunction with conventional fungicides, or delays in the appearance of Dollar Spot disease, thus leading to the potential for an overall reduction in annual fungicide use.

### **Edging and Banding Applications for Growth Regulation of Perennial Turfgrass Species**

Cutless MEC can be applied to turfgrass in edging and banding applications along the perimeter of lawns, landscape beds, sidewalks, curbs, parking lots, driveways, posts, mailboxes, building structures, gravestones, and fences. Cutless MEC should be applied in a 6 inch band width with a single nozzle sprayer. Repeat at 8 to 12 week intervals. The maximum number of seasonal applications is determined by the sum of the rates applied, not to exceed 3.0 lbs ai/A or 295.4 fl. oz. Cutless MEC/A.

| Turfgrass Species              | Fl. Oz. Cutless MEC/A | Fl. Oz. Cutless MEC per 1 Gallon of Water in Backpack Sprayers <sup>1</sup> |
|--------------------------------|-----------------------|-----------------------------------------------------------------------------|
| <b>Cool Season Turfgrasses</b> |                       |                                                                             |
| Bentgrass                      | 49.2 to 98.4          | 1.2 to 2.5                                                                  |
| Kentucky Bluegrass             | 73.8 to 147.6         | 1.9 to 3.7                                                                  |
| Perennial Ryegrass             | 73.8 to 147.6         | 1.9 to 3.7                                                                  |
| Tall Fescue                    | 73.8 to 147.6         | 1.9 to 3.7                                                                  |
| <b>Warm Season Turfgrasses</b> |                       |                                                                             |
| 328 Hybrid Bermudagrass        | 36.9 to 49.2          | 0.9 to 1.2                                                                  |
| 419 Hybrid Bermudagrass        | 49.2 to 98.4          | 1.2 to 2.5                                                                  |
| Common Bermudagrass            | 73.8 to 147.6         | 1.9 to 3.7                                                                  |
| Seashore Paspalum              | 49.2 to 98.4          | 1.2 to 2.5                                                                  |
| St. Augustinegrass             | 49.2 to 98.4          | 1.2 to 2.5                                                                  |
| Zoysiagrass                    | 49.2 to 98.4          | 1.2 to 2.5                                                                  |

<sup>1</sup> For backpack sprayers. Assuming a spray volume of 40 gallons per acre, one (1) gallon of spray solution will treat 2,180 linear feet with a six (6) inch band width.

## Storage and Disposal

Do not contaminate water, food, or feed by storage or disposal.

**Pesticide Storage:** Store in original container only. In case of leak or spill, contain material and dispose as waste.

**Pesticide Disposal:** Wastes resulting from use of this product may be used on site according to use directions or disposed of at an approved waste disposal facility.

**Nonrefillable Container Handling (rigid, 5 gallons or less):** Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat the procedure two more times. Then offer the container for recycling (if available) or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**Nonrefillable Container Handling (rigid, larger than 5 gal):** Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank, treatment area, or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling (if available) or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

## TERMS AND CONDITIONS OF USE

If terms of the following *Warranty Disclaimer*, *Inherent Risks of Use* and *Limitation of Remedies* are not acceptable, return unopened package at once to the seller for a full refund of purchase price paid. Otherwise, to the extent consistent with applicable law, use by the buyer or any other user constitutes acceptance of the terms under *Warranty Disclaimer*, *Inherent Risks of Use*, and *Limitation of Remedies*.

### WARRANTY DISCLAIMER

SePRO Corporation warrants that the product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, SEPRO CORPORATION MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

### INHERENT RISKS OF USE

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