

67690-15

10-10-2008

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**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**

WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

OCT 10 2008

Amy Dugger-Ronyak  
SePRO Corporation  
11550 North Meridian Street, Suite 600  
Carmel, Indiana 46032-4565

SUBJECT: Label Amendment  
Cutless 50W Turf Growth Regulator  
EPA Reg. No. 67690-15  
Your Resubmission Dated March 3, 2008

Dear Ms. Ronyak:

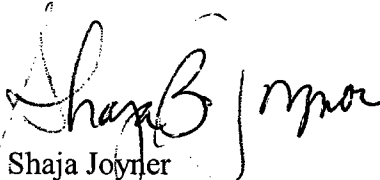
The amended labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act as amended is acceptable provided that you make the following labeling changes:

1. On page 7 in Table 1, change "4 to 8" to "2 to 8" for "oz Cutless 50 w/A" Bentgrass putting greens".
2. On page 8, in the Notice to Users: change "claims" to "warranties".
3. In the "Use Restrictions" section, you must add the following statement to the label per the RED, "Do not apply on residential lawns or turf."

Submit one copy of your final printed labels before you release the product for shipment.

If you have any questions regarding this correspondence, contact Rose Kearns of my staff by phone at 703-305-5611 or via email at [kearns.rosemary@epa.gov](mailto:kearns.rosemary@epa.gov) or myself at 703-308-3194 or via email at [joyner.shaja@epa.gov](mailto:joyner.shaja@epa.gov).

Sincerely,



Shaja Joyner  
Product Manager  
Fungicide Branch  
Registration Division (7505P)

Enclosure

3/14

ACCEPTED  
with COMMENTS  
In EPA Letter Dated

Cutless\* 50W, 67690-15  
[Front Booklet and Base Labels]



OCT 10 2008

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.

67690-15

# Cutless\* 50W

## Turf Growth Regulator

For Growth Management and Quality Improvement of Perennial Cool and Warm Season Turfgrasses.

### Active Ingredient:

flurprimidol:  $\alpha$ -(1-methylethyl)- $\alpha$ -[4-(trifluoromethoxy)phenyl]-5-pyrimidinemethanol .....50%

Other Ingredients .....50%

Total .....100%

Contains 0.50 pound of active ingredient per pound of formulated product.

## Keep Out of Reach of Children

### CAUTION / PRECAUCIÓN

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

### PRECAUTIONARY STATEMENTS

#### Hazards to Humans and Domestic Animals

Harmful If Swallowed or Inhaled. Causes Eye Irritation. Avoid breathing dust or spray mist and contact with eyes, skin or clothing. Use eye protection when handling this product. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove contaminated clothing and wash before reuse.

FIRST AID	
<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 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 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</li> </ul>

\* Cutless is a registered trademark of SePRO Corporation  
Primo® MAXX 1EC is a registered trademark of Syngenta Crop Protection.

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Cutless\* 50W, 67690-15

	respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.
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 <b>INFOTRAC</b> at <b>1-800-535-5053</b> .	

**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 washwaters.

**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 before applying this product.

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

**STORAGE AND DISPOSAL**

Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. 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:** Excess pesticide should be used according to label directions or disposed of at an approved waste disposal facility.

**Container Disposal (Fiber Drum):** Completely empty liner by shaking and tapping side and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner and drum in a sanitary landfill or by incineration if allowed by State and local authorities.

**Container Disposal (Bag):** Completely empty bag into application equipment. Then dispose of overpack in a sanitary landfill or incinerator, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**Refer to inside of label booklet for additional precautionary information and Directions for Use including Storage and Disposal.**

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

EPA Reg. No. 67690-15  
FPL022608

EPA Est. No. XXXXXX-XX-XXX  
SPC-XXXXXX

SePRO Corporation 11550 N. Meridian St., Ste. 600, Carmel, IN 46032 U.S.A.

**Turf Growth Regulator**

**Net Contents 4 x 8 Ounces**

\* Cutless is a registered trademark of SePRO Corporation  
Primo® MAXX 1EC is a registered trademark of Syngenta Crop Protection.

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**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals**

**Keep Out of Reach of Children  
CAUTION / PRECAUCIÓN**

**Harmful If Swallowed or Inhaled. Causes Eye Irritation. Avoid breathing dust or spray mist and contact with eyes, skin or clothing. Use eye protection when handling this product. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove contaminated clothing and wash before reuse.**

<b>FIRST AID</b>	
<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 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 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>
<p>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 <b>INFOTRAC at 1-800-535-5053</b>.</p>	

**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 washwaters.

**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 before applying this product.

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

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## GENERAL INFORMATION

Cutless\* 50W 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 50W 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 50W treatment.

### Possible Benefits of Cutless 50W Applications to Turfgrass:

- 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:** Turfgrass responses to Cutless 50W may vary within turfgrass species due to the large number of cultivars and varieties available. The rates recommended on this label are rate ranges and should be used only as guidelines. Neither the manufacturer nor seller has determined if Cutless 50W 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 50W to a small test area to determine growth response and desired level of growth regulation prior to large scale applications.

### General Use Precautions

- Do not apply to putting greens other than predominantly bentgrass.
- Do not apply to overseeded bermudagrass putting greens.
- 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.
- Do not seed turfgrass species within 3 to 4 weeks prior to or 3 to 4 weeks after a Cutless 50W application.
- Cutless 50W should not be applied until 6 to 8 weeks after turfgrass sprigging or laying sod. Turfgrass should be well established and actively growing prior to application.
- Do not apply to saturated soils or when a significant moisture event is anticipated. Cutless 50W 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*.

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- Additional turfgrass growth regulation may occur when Cutless 50W 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 6 lbs/A/year of Cutless 50W.
- **Chemigation:** Do not apply Cutless 50W through any type of irrigation system.

**Application Timing:**

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

**Irrigation:**

Cutless 50W 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 50W 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.

**Perennial Grass Conversion in Cool Season Turf:**

Applications of Cutless 50W 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 50W treatments and is therefore more strongly suppressed than perennial turfgrass species. Discoloration of *Poa annua* 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 50W in conjunction with soluble nitrogen fertilizers will also minimize discoloration. Application timing, rate recommendations, and precautions for perennial grass conversion through selective reduction of *Poa annua* are provided in the "Cutless 50W Rate Recommendations" section of this label.

**APPLICATION DIRECTIONS**

Add Cutless 50W water-soluble packets to a spray tank half filled with clean water. Begin agitation and allow the packets to dissolve and release their contents into the circulating water. Allow sufficient mixing time to ensure complete dispersion and mixing of Cutless 50W. Finish filling the spray tank. Continue agitation throughout the spraying operation to ensure uniform application. Cutless 50W 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 suggested label rates.

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**CUTLESS 50W RATE RECOMMENDATIONS FOR GROWTH REDUCTION OF PERENNIAL TURFGRASS SPECIES – MULTIPLE APPLICATION PROGRAM**

➤ **Cool Season Turfgrasses**

• Bentgrass (Golf Course Fairway Type Turf)

**Multiple application program:** Apply Cutless 50W to fairway height bentgrass at a rate of 0.5 to 1.0 lb/acre in early spring following resumption of active growth. Repeat applications of 0.25 to 1.0 lb/acre of Cutless 50W should be made at 3 to 6 week intervals until late summer or early fall.

Do not exceed 3.0 lbs ai/A/year or 6 lbs/A/year of Cutless 50W.

• Bentgrass Putting Greens

**Multiple application program:** Apply Cutless 50W to bentgrass as part of an overall greens management program. An initial application of Cutless 50W should be made after bentgrass greens are growing vigorously and have been mowed 3 or 4 times. Apply Cutless 50W at a rate of 0.125 to 0.5 lb/acre (0.05 to 0.2 oz/1000 ft<sup>2</sup>). Repeat applications of 0.125 to 0.5 lb/acre (0.05 to 0.2 oz/1000 ft<sup>2</sup>) should be made at 2 to 4 week intervals.

Do not exceed 3.0 lbs ai/A/year or 6 lbs/A/year of Cutless 50W.

• Kentucky Bluegrass and Perennial Ryegrass

**Multiple application program:** Apply Cutless 50W to Kentucky bluegrass and perennial ryegrass at a rate of 0.75 to 1.0 lb/acre in early spring following resumption of active growth. Repeat applications of 0.5 to 1.0 lb/acre should be made at 3 to 6 week intervals until late summer or early fall.

Do not exceed 3.0 lbs ai/A/year or 6 lbs/A/year of Cutless 50W.

➤ **Warm Season Grasses**

• Seashore Paspalum

**Multiple application program:** Apply Cutless 50W to Seashore paspalum at a rate of 0.25 to 1.0 lb/acre when paspalum has completely recovered from winter dormancy and is growing vigorously. Repeat applications of 0.25 to 1.0 lb/acre of Cutless 50W should be made at 3 to 6 week intervals until late summer or early fall.

Do not exceed 3.0 lbs ai/A/year or 6 lbs/A/year of Cutless 50W.

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

**Multiple application program:** Apply Cutless 50W to Tifway, TifSport, and GN-1 bermudagrass at a rate of 0.25 to 0.75 lb/acre when bermudagrass has completely recovered from winter dormancy and is growing vigorously. Repeat applications of 0.25 to 0.75 lb/acre of Cutless 50W should be made at 3 to 6 week intervals until late summer or early fall.

Do not exceed 3.0 lbs ai/A/year or 6 lbs/A/year of Cutless 50W.

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- Zoysiagrass

**Multiple application program:** Apply Cutless 50W at a rate of 0.25 to 0.75 lb/acre for growth regulation of zoysiagrass when the grass has completely recovered from winter dormancy and is growing vigorously. Late summer or early fall applications of Cutless 50W are not recommended for growth regulation of zoysiagrass.

Do not exceed 3.0 lbs ai/A/year or 6 lbs/A/year of Cutless 50W.

<b>TABLE 1</b>			
<b>Recommended Rate Ranges for Growth Regulation of Perennial Turfgrass Species Using a Multiple Application Program.</b>			
<b>Turfgrass Species</b>	<b>lbs Cutless 50W/A</b>	<b>oz. Cutless 50W/A</b>	<b>Treatment Interval</b>
<b>Cool Season Turfgrasses</b>			
Bentgrass (golf course fairway)	0.25 to 1.00	4 to 16	3 to 6 weeks
Bentgrass putting greens	0.125 to 0.50	4 to 8	2 to 4 weeks
Kentucky Bluegrass/ Perennial Ryegrass	0.50 to 1.00	8 to 16	3 to 6 weeks
<b>Warm Season Turfgrasses</b>			
Seashore Paspalum	0.25 to 1.00	4 to 16	3 to 6 weeks
Tifway, TifSport, and GN-1 Bermudagrass	0.25 to 0.75	4 to 12	3 to 6 weeks
Zoysiagrass	0.25 to 0.75	4 to 12	3 to 6 weeks; not in late summer/fall

**APPLICATION INFORMATION - CUTLESS 50W TANK MIXES WITH PRIMO® MAXX (TRINEXAPAC-ETHYL)**

Tank mixing Cutless 50W 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 50W) 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 50W 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.

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**Tank Mix General 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 should 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.

**NOTICE TO USERS:** This label makes no claims 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.

<b>TABLE 2</b>				
<b>Recommended Rate Ranges for Cutless 50W Plus Type II Class A PGR Tank Mixes</b>				
<b>Turfgrass Species</b>	<b>lbs Cutless 50W/A</b>	<b>oz. Cutless 50W/A</b>	<b>Primo® MAXX (Trinexapac-ethyl)</b>	<b>Treatment Interval</b>
<b>Cool Season Turfgrasses</b>				
Bentgrass <sup>†</sup> (golf course fairway)	0.125 to 0.50	2 to 8	½ labeled use rate	3 to 6 weeks
Kentucky Bluegrass/ Perennial Ryegrass	0.25 to 0.50	4 to 8	½ labeled use rate	3 to 6 weeks
<b>Warm Season Turfgrasses</b>				
Seashore Paspalum	0.25 to 0.50	4 to 8	½ labeled use rate	3 to 6 weeks
Tifway, TifSport, and GN-1 Bermudagrass <sup>††</sup>	0.125 to 0.50	2 to 8	½ labeled use rate	3 to 6 weeks
Zoysiagrass	0.25 to 0.50	4 to 8	½ labeled use rate	3 to 6 weeks

<sup>†</sup> Not recommended for use on bentgrass putting greens.

<sup>††</sup> Do not use on bermudagrass putting greens.

**PERENNIAL GRASS CONVERSION IN COOL SEASON TURF**

➤ **Multiple Application Program**

A multiple application perennial grass conversion program using Cutless 50W 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. Wait at least 3 to 4 weeks after the last Cutless 50W treatment of the season to overseed treated turf.

• **Bentgrass (Golf Course Fairway type turf)**

Apply Cutless 50W to fairway height bentgrass at a rate of 0.5 to 1.0 lb/acre in early spring following resumption of active growth of the grass. Repeat applications of 0.25 to 1.0 lb/acre of Cutless 50W should be made at 3 to 6 week intervals until late summer or early fall. Normal management practices such as fertilization, aeration and overseeding will encourage growth of bentgrass.

Do not exceed 3.0 lbs ai/A/year or 6 lbs/A/year of Cutless 50W.

• **Bentgrass Putting Greens**

Because annual turfgrass species such as *Poa annua* are more strongly regulated by Cutless 50W, careful use of Cutless 50W 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 overseeding that encourage growth of bentgrass. Wait at least 3 to 4 weeks after the last Cutless 50W treatment of the season to overseed treated turf. Use of Cutless 50W on bentgrass greens may increase putting speed without reducing the height of cut.

○ **Bentgrass Greens with less than 50% *Poa annua***: Apply Cutless 50W to bentgrass as part of an overall greens management program. An initial application of Cutless 50W should be made in the spring months after bentgrass greens are growing vigorously and have been mowed 3 or 4 times. Apply Cutless 50W at a rate of 0.25 to 0.5 lb/acre (0.1 to 0.2 oz/1000 ft<sup>2</sup>). Repeat applications of 0.25 to 0.5 lb/acre (0.1 to 0.2 oz/1000 ft<sup>2</sup>) of Cutless 50W should be made at 2 to 4 week intervals through early fall.

○ **Bentgrass Greens with more than 50% *Poa annua***: Apply Cutless 50W to bentgrass greens at a rate of 0.25 lb/acre (0.1 oz/1000 ft<sup>2</sup>) in the spring months after bentgrass greens are growing vigorously and have been mowed 3 or 4 times. Repeat applications of 0.25 to 0.5 lb/acre (0.1 to 0.2 oz/1000 ft<sup>2</sup>) of Cutless 50W should be made at 2 to 4 week intervals through early fall.

• **Kentucky bluegrass, Perennial ryegrass**

Apply Cutless 50W to Kentucky bluegrass and perennial ryegrass at a rate of 0.75 to 1.0 lb/acre in early spring following resumption of active growth of the grass. Repeat applications of 0.5 to 1.0 lb/acre of Cutless 50W should be made at 3 to 6 week intervals until late summer or early fall. Normal management practices such as fertilization, aeration and overseeding will encourage growth of bluegrass and/or ryegrass.

Do not exceed 3.0 lbs ai/A/year or 6 lbs/A/year of Cutless 50W.

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TABLE 3 Recommended Rate Ranges for <i>Poa annua</i> Suppression in Perennial Turfgrass with Cutless 50W Using a Multiple Application Program.						
Turfgrass Species	% <i>Poa annua</i>	Initial spring application <sup>†</sup>		Repeat applications <sup>†</sup>		
		lbs Cutless 50W/A	oz. Cutless 50W/A	lbs Cutless 50W/A	oz. Cutless 50W/A	Treatment Interval
Bentgrass (golf course fairway)	0-80%	0.5 to 1.0	8 to 16	0.25 to 1.0	4 to 16	3 to 6 weeks
Bentgrass Putting Greens	Less than 50%	0.25 to 0.5	4 to 8	0.25 to 0.5	4 to 8	2 to 4 weeks
Bentgrass Putting Greens	More than 50%	0.25	4	0.25 to 0.5	4 to 8	2 to 4 weeks
Kentucky Bluegrass/ Perennial Ryegrass Fairways	0-80%	0.75 to 1.0	12 to 16	0.5 to 1.0	8 to 16	3 to 6 weeks

<sup>†</sup> Apply in early spring following resumption of active growth of the grass. Fall applications should 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 overseeding should be performed in conjunction with Cutless 50W applications to encourage growth of the perennial turfgrass species. Overseeding should occur a minimum of 3 to 4 weeks following the last application of Cutless 50W for the season

- **Bentgrass or Kentucky bluegrass/perennial ryegrass fairways with less than 50% *Poa annua*:** An alternative spring/fall treatment program for management of *Poa annua* in fairways containing less than 50% *Poa annua* is to apply 1.5 lb/acre of Cutless 50W following resumption of active bentgrass or Kentucky bluegrass/perennial ryegrass growth in the spring. A second application of 1.0 lb/acre of Cutless 50W should be made in the early fall.
- **Bentgrass or Kentucky bluegrass/perennial ryegrass fairways with more than 50% *Poa annua*:** Apply Cutless 50W at a rate of 1.0 to 1.5 lb/acre in late summer or early fall. Overseed with bentgrass or Kentucky bluegrass/perennial ryegrass 3 to 4 weeks following application. Apply an additional 1.0 lb/acre of Cutless 50W the following spring after resumption of active growth of bentgrass.

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TABLE 4			
Recommended Rate Ranges for <i>Poa annua</i> Suppression in Perennial Turfgrass with Cutless 50W Using an Alternative Spring/Fall Application Program.			
Turfgrass Species	% <i>Poa annua</i>	Spring/Fall application <sup>†</sup> (lbs Cutless 50W/A)	Spring/Fall application <sup>†</sup> (oz. Cutless 50W/A)
Bentgrass or Kentucky bluegrass/perennial ryegrass fairways	Less than 50%	1.5 in spring; 1.0 in fall	24 in spring; 16 in fall
	More than 50%	1.0 to 1.5 in late summer or early fall; 1.0 the following spring	16 to 24 in late summer or early fall; 16 the following spring

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

**Storage and Disposal**

Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. 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:** Excess pesticide should be used according to label directions or disposed of at an approved waste disposal facility.

**Container Disposal (Fiber Drum):** Completely empty liner by shaking and tapping side and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner and drum in a sanitary landfill or by incineration if allowed by State and local authorities.

**Container Disposal (Bag):** Completely empty bag into application equipment. Then dispose of overpack in a sanitary landfill or incinerator, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**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**

It is impossible to eliminate all risks associated with use of this product. Plant injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label such as unfavorable temperatures, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of SePRO Corporation as the seller. To the extent consistent with applicable law, all such risks shall be assumed by buyer.

\* Cutless is a registered trademark of SePRO Corporation  
Primo® MAXX 1EC is a registered trademark of Syngenta Crop Protection.

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## LIMITATION OF REMEDIES

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The exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories) shall be limited to, at SePRO Corporation's election, one of the following:

- (1) Refund of purchase price paid by buyer or user for product bought, or
- (2) Replacement of amount of product used.

To the extent consistent with applicable law, SePRO Corporation shall not be liable for losses or damages resulting from handling or use of this product unless SePRO Corporation is notified in writing within twenty-one (21) days from the date of application of such losses or damages. In no case shall SePRO Corporation be liable for consequential or incidental damages or losses.

The terms of the Warranty Disclaimer above and this Limitation of Remedies can not be varied by any written or verbal statements or agreements. No employee or sales agent of SePRO Corporation or the seller is authorized to vary or exceed the terms of the Warranty Disclaimer or Limitations of Remedies in any manner.

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