

67690-44

05-17-2011

1/27



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

MAY 17 2011

Mr. Tyler J. Koschnick  
SePRO Corporation  
11550 N. Meridian Street, Suite 600  
Carmel, IN 46032

Subject: Submission of Alternate Brand Name "Topflor Granular Ornamental Plant Growth Regulator" per PR Notice 98-10

Dear Mr. Koschnick:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated February 3, 2011 for the product **Turf Fertilizer – Contains Cutless 0.17%, EPA Reg. 67690-44**. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10. The Alternate Brand Name of "Topflor Granular Ornamental Plant Growth Regulator" is acceptable.

The label submitted with the application has been stamped "Notification" and will be placed in our records. If you have any questions regarding this correspondence, contact Tracy Keigwin of my staff by phone at 703-305-6605 or via email at [keigwin.tracy@epa.gov](mailto:keigwin.tracy@epa.gov).

Sincerely,

A handwritten signature in black ink that reads "Shaja B. Joyner".

Shaja B. Joyner  
Product Manager (20)  
Fungicide Branch  
Registration Division (7505P)



United States  
Environmental Protection Agency  
Washington, DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 67690-44	2. EPA Product Manager Shaja Brothers-Joyner	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Turf Fertilizer - Contains Cutless 0.17%	PM# 20	
5. Name and Address of Applicant (Include ZIP Code) SePRO Corporation 11550 N. Meridian Street, Suite 600 Carmel, IN 46032 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: <input checked="" type="checkbox"/> EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification - Explain below.	<input checked="" type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Submission of an Alternate Brand Name - Topflor Granular Ornamental Plant Growth Regulator

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Metal	<input checked="" type="checkbox"/> Plastic
* Certification must be submitted	If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt.	No. per container	<input type="checkbox"/> Glass
					<input type="checkbox"/> Paper
					<input type="checkbox"/> Other (Specify) _____
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 1 to 250 pounds		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other _____		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Tyler J. Koschnick	Title Dir. Res. and Reg. Affair	Telephone No. (Include Area Code) 317-216-8280
<b>Certification</b> I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title Director, Research and Regulatory Affair	
4. Typed Name Tyler J. Koschnick	5. Date February 3, 2011	



4  
7

**[Editor's note: This portion of the master label contains Professional Turf Uses.]**

**NOTIFICATION**

[Base label for Non-dilutable, Non-refillable, Non-rigid containers, any size]

**MAY 17 2011**



# Turf Fertilizer – Contains Cutless\* 0.17%

**A PRODUCT CONTAINING CUTLESS TURF GROWTH REGULATOR FOR COOL AND WARM SEASON PERENNIAL TURFGRASSES ON GOLF COURSES.**

**A GRANULAR FOR EDGING AND BANDING APPLICATIONS TO CONTROL GROWTH AND REDUCE TRIMMING REQUIREMENTS OF PERENNIAL TURFGRASS SPECIES.**

**Active Ingredient**

Flurprimidol:  $\alpha$ -(1-methylethyl)- $\alpha$ -[4-(trifluoromethoxy)-phenyl]-5-pyrimidinemethanol ..... 0.17%

**Other Ingredients**..... 99.83%

**TOTAL**..... 100.00%

Contains 0.0017 pound active ingredient per one (1) U.S. pound of product.

[Editorial Note: the “Guaranteed Fertilizer Analysis” will only be included on the label when this product contains fertilizer.]

<b>Guaranteed Fertilizer Analysis:</b>	
Total Nitrogen .....	XX%
Available Phosphoric Acid (P <sub>2</sub> O <sub>5</sub> ) .....	XX%
Soluble Potash (K <sub>2</sub> O) .....	XX%

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals**

**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 the label, find someone to explain it to you in detail.)

**Harmful if swallowed. Causes moderate eye irritation.**

<b>FIRST AID</b>	
<b>If swallowed</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor 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</li> </ul>

rinsing.

- 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 **INFOTRAC** at **1-800-535-5053**.

## 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 disposing of equipment washwaters.

### Ground Water Advisory

This pesticide has properties and characteristics associated with chemicals detected in ground water. This chemical may leach into ground water if used in areas where soils are permeable, particularly where the water table is shallow.

### Surface Water Advisory

This product is classified as having potential for reaching surface water via runoff for several months or more after application. A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs, will reduce the potential loading of flurprimidol from runoff and sediment.

## 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. Use only according to label directions.

## STORAGE AND DISPOSAL

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

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

**Pesticide Disposal:** Wastes resulting from use of this product must be disposed of on site or at any approved waste disposal facility.

**Nonrefillable Container Disposal (non-rigid, any size):** Do not reuse or refill this container. Completely empty bag into application equipment. Offer for recycling if available. If recycling not available, then dispose of empty bag in a sanitary landfill or by incineration, 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.**

**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* at the end of the label. If terms are unacceptable, return at once unopened.**

For additional information on our products, please visit [www.sepro.com](http://www.sepro.com).

EPA Reg. No. 67690-44  
FPL020211

EPA Est. No. \_\_\_\_\_  
SPC - \_\_\_\_\_

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

Turf Fertilizer – Contains Cutless 0.17%, 67690-44

6  
27

**Turf Growth Regulator**

**Net contents \_\_\_\_\_**  
**This container is sufficient to treat x,xxx ft<sup>2</sup>.**

7  
L7

[Base label for Non-dilutable, Non-refillable, Rigid containers, any size]



# Turf Fertilizer – Contains Cutless\* 0.17%

**A PRODUCT CONTAINING CUTLESS TURF GROWTH REGULATOR FOR COOL AND WARM SEASON PERENNIAL TURFGRASSES ON GOLF COURSES.**

**A GRANULAR FOR EDGING AND BANDING APPLICATIONS TO CONTROL GROWTH AND REDUCE TRIMMING REQUIREMENTS OF PERENNIAL TURFGRASS SPECIES.**

**Active Ingredient**

Flurprimidol:  $\alpha$ -(1-methylethyl)- $\alpha$ -[4-(trifluoromethoxy)-phenyl]-5-pyrimidinemethanol ..... 0.17%

**Other Ingredients** ..... 99.83%

**TOTAL** ..... 100.00%

Contains 0.0017 pound active ingredient per one (1) U.S. pound of product.

[Editorial Note: the “Guaranteed Fertilizer Analysis” will only be included on the label when this product contains fertilizer.]

<b>Guaranteed Fertilizer Analysis:</b>	
Total Nitrogen .....	XX%
Available Phosphoric Acid (P <sub>2</sub> O <sub>5</sub> ) .....	XX%
Soluble Potash (K <sub>2</sub> O) .....	XX%

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals**

**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 the label, find someone to explain it to you in detail.)

**Harmful if swallowed. Causes moderate eye irritation.**

<b>FIRST AID</b>	
<b>If swallowed</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor 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.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>

2  
27

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**.

**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 disposing of equipment washwaters.

**Ground Water Advisory**

This pesticide has properties and characteristics associated with chemicals detected in ground water. This chemical may leach into ground water if used in areas where soils are permeable, particularly where the water table is shallow.

**Surface Water Advisory**

This product is classified as having potential for reaching surface water via runoff for several months or more after application. A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs, will reduce the potential loading of flurprimidol from runoff and sediment.

**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. Use only according to label directions.

**STORAGE AND DISPOSAL**

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

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

**Pesticide Disposal:** Wastes resulting from use of this product must be disposed of on site or at any approved waste disposal facility.

**Nonrefillable Container Disposal (rigid, any size):** Do not reuse or refill this container. Triple rinse (or equivalent). 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.

**Refer to inside of label booklet for additional precautionary information and directions for use.**

**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* at the end of the label. If terms are unacceptable, return at once unopened.**

For additional information on our products, please visit [www.sepro.com](http://www.sepro.com).

EPA Reg. No. 67690-44  
FPL020211

EPA Est. No. \_\_\_\_\_  
SPC - \_\_\_\_\_

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

**Turf Growth Regulator**

**Net contents** \_\_\_\_\_  
**This container is sufficient to treat x,xxx ft<sup>2</sup>.**



[Front of label booklet, ALL containers]



# Turf Fertilizer – Contains Cutless\* 0.17%

**A PRODUCT CONTAINING CUTLESS TURF GROWTH REGULATOR FOR COOL AND WARM SEASON PERENNIAL TURFGRASSES ON GOLF COURSES.**

**A GRANULAR FOR EDGING AND BANDING APPLICATIONS TO CONTROL GROWTH AND REDUCE TRIMMING REQUIREMENTS OF PERENNIAL TURFGRASS SPECIES.**

**Active Ingredient**

Flurprimidol:  $\alpha$ -(1-methylethyl)- $\alpha$ -[4-(trifluoromethoxy)-phenyl]-5-pyrimidinemethanol ..... 0.17%

**Other Ingredients**..... 99.83%

**TOTAL**..... 100.00%

Contains 0.0017 pound active ingredient per one (1) U.S. pound of product.

[Editorial Note: the "Guaranteed Fertilizer Analysis" will only be included on the label when this product contains fertilizer.]

<b>Guaranteed Fertilizer Analysis:</b>	
Total Nitrogen .....	XX%
Available Phosphoric Acid (P <sub>2</sub> O <sub>5</sub> ) .....	XX%
Soluble Potash (K <sub>2</sub> O) .....	XX%

## 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 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 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* at the end of the label. If terms are unacceptable, return at once unopened.**

For additional information on our products, please visit [www.sepro.com](http://www.sepro.com).

EPA Reg. No. 67690-44  
FPL020211

EPA Est. No. \_\_\_\_\_  
SPC - \_\_\_\_\_

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

**Turf Growth Regulator**

**Net contents** \_\_\_\_\_  
This container is sufficient to treat x,xxx ft<sup>2</sup>.

10  
27

[Label booklet text, ALL containers]

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

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

Harmful if swallowed. Causes moderate eye irritation.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category A on an EPA chemical resistance category selection chart.

**It is recommended that applicators and other handlers wear:**

- Protective eyewear
- Long-sleeved shirt and long pants;
- Shoes plus socks; and
- Chemical-resistant gloves (such as natural rubber or barrier laminate).

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.

**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.

**FIRST AID**

<b>If swallowed</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor 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.</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**.

## 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 disposing of equipment washwaters.

### Ground Water Advisory

This pesticide has properties and characteristics associated with chemicals detected in ground water. This chemical may leach into ground water if used in areas where soils are permeable, particularly where the water table is shallow.

### Surface Water Advisory

This product is classified as having potential for reaching surface water via runoff for several months or more after application. A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs, will reduce the potential loading of flurprimidol from runoff and sediment.

---

## 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. Use only according to label directions.

### Use Information for Growth Regulation of Perennial Turfgrasses

Cutless 0.17% Fertilizer contains the active ingredient flurprimidol, a turf growth regulator, 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. Broadcast treatments should be made on medium to high quality turfgrass areas of uniform species composition. An appropriate fertility program for the desired turf species should be followed in conjunction with Cutless 0.17% Fertilizer applications to provide best turfgrass enhancement and reduce potential for discoloration. Turf containing significant amounts of coarse textured species such as tall fescue, orchardgrass, timothy, dallisgrass, etc. may respond unevenly to Cutless 0.17% Fertilizer treatment.

### Benefits of Cutless 0.17% Fertilizer Applications to Perennial Turfgrasses

- 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 0.17% Fertilizer may vary within turfgrass species due to the large number of cultivars and varieties available. Neither the manufacturer nor seller has determined if Cutless 0.17% Fertilizer 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 0.17% Fertilizer 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 use Cutless 0.17% Fertilizer on plants from which fruits, nuts or other commodities may be produced for human consumption.
- Do not apply to putting greens other than bentgrass.
- Do not apply to overseeded bermudagrass putting greens.
- Do not apply this product to sod farms or turfgrasses grown for seed, including plants or plant materials grown for sale or research purposes.
- Do not allow this product to be inadvertently applied to non-turf areas such as flowerbeds or ornamental shrubs as growth inhibition may occur. Take precautions to avoid inadvertent treatment of non-turf areas by covering or shielding sensitive areas such as bare ground surrounding shrubs and flowerbeds.
- 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 apply to saturated soils or when a significant moisture event is anticipated. Cutless 0.17% Fertilizer may accumulate in low lying areas and cause prolonged and excessive growth regulation in those areas.
- Applications of Cutless 0.17% Fertilizer to newly seeded turfgrasses should be delayed until turf is well established and actively growing.
- Cutless 0.17% Fertilizer should not be applied until 6 to 8 weeks after turfgrass sprigging or sodding. Turfgrass should be well established and actively growing prior to application.
- 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 0.17% Fertilizer is 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 1,765 lbs/A/year of Cutless 0.17% Fertilizer.

### Application Timing

Spring applications should be made after resumption of active seasonal growth. Repeat applications should be made on 3 to 6 week intervals depending upon turfgrass species and environmental conditions. The final application should be timed to occur a minimum of 1 month before the normal onset of winter dormancy.

### Watering and Mowing

Cutless 0.17% Fertilizer 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. Following activation, water as needed to maintain turf in a healthy growing condition. Mowing can be resumed at a normal maintenance height 3 to 5 days after application and thereafter as needed to maintain a desirable appearance. A reduction in clipping volume and a reduced need for irrigation may be observed as a result of the turf growth regulator effects of Cutless 0.17% Fertilizer.

### Turf Color and Post Treatment Turf Management

Turfgrass areas treated with Cutless 0.17% Fertilizer may develop a darker color. This color change, which appears 1 to 2 weeks after treatment, may persist an additional 3 to 6 weeks. Treated areas should continue to receive management and care designed to encourage the growth of healthy vigorous turf.

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

Cutless 0.17% Fertilizer applications followed by management practices designed to encourage vigorous growth of perennial turfgrasses can reduce *Poa annua* competition in cool

season turf and increase the cover of more desirable perennial species. *Poa annua* is more sensitive to Cutless 0.17% treatments and is therefore more strongly suppressed than perennial turfgrass species. Discoloration of *Poa annua* can be expected from treatments that provide a desirable level of growth regulator activity in perennial grass species. This effect becomes visible 7 to 10 days after treatment and lasts for 3 to 6 weeks. The degree of discoloration will be proportional to the *Poa annua* composition of the turf. Application timing, rate recommendations, and precautions for perennial grass conversion through selective reduction of *Poa annua* are provided in the *Cutless 0.17% Fertilizer Rate for Poa annua (Annual Bluegrass) Conversion to Perennial Turfgrasses* section of this label.

### **Application Equipment, Techniques and Rates**

Apply Cutless 0.17% Fertilizer using a drop or rotary-type spreader designed to apply granular product. Calibrate application equipment prior to use according to manufacturer directions. Check frequently to be sure equipment is operating properly and distributing product uniformly. Uniform application of Cutless 0.17% Fertilizer is critical to achieve a desirable turf response. The most uniform application may be achieved by spreading half of the required amount of product over the treatment area and then applying the remaining half in swaths at right angles to the first. Avoid skips or overlaps as poor or uneven turf growth regulator activity or turf injury may occur. For broadcast applications, do not use spreaders that apply materials in narrow concentrated bands. A splashboard mounted below the release point of drop-type spreaders can improve the uniformity of product distribution.

- For **Improvement of Turfgrass Quality and Growth Regulation** in Perennial Turfgrass Species, apply Cutless 0.17% Fertilizer as recommended below.

14  
27

TABLE 1						
Cutless 0.17% Fertilizer Rates for Perennial Turfgrasses						
Turfgrass Species	Application Timing					
	Late Spring to Early Summer			Late Summer to Early Fall		
	lbs of product / Acre	lbs ai/Acre	lbs of product / 1,000 ft <sup>2</sup>	lbs of product / Acre	lbs ai/Acre	lbs of product / 1,000 ft <sup>2</sup>
<b>Cool Season Turfgrasses</b>						
Bentgrass <sup>1</sup>	147 - 294	0.25 - 0.50	3.4 - 6.8	147 - 294	0.25 - 0.50	3.4 - 6.8
Kentucky Bluegrass	224 - 588	0.38 - 1.00	5.1 - 13.5	224 - 588	0.38 - 1.00	5.1 - 13.5
Perennial Ryegrass	224 - 588	0.38 - 1.00	5.1 - 13.5	224 - 588	0.38 - 1.00	5.1 - 13.5
<b>Warm Season Turfgrasses</b>						
328 Hybrid Bermudagrass	77 - 147	0.13 - 0.25	1.8 - 3.4	77 - 147	0.13 - 0.25	1.8 - 3.4
419 Hybrid Bermudagrass	147 - 294	0.25 - 0.50	3.4 - 6.8	147 - 294	0.25 - 0.50	3.4 - 6.8
Common Bermudagrass	147 - 441	0.25 - 0.75	3.4 - 10.1	147 - 441	0.25 - 0.75	3.4 - 10.1
Seashore Paspalum	147 - 294	0.25 - 0.50	3.4 - 6.8	147 - 294	0.25 - 0.50	3.4 - 6.8
Zoysiagrass	77 - 224	0.13 - 0.38	1.8 - 5.1	NR <sup>2</sup>	NR <sup>2</sup>	NR <sup>2</sup>

<sup>1</sup> **Bentgrass Greens:** Rates from 74 - 147 lbs of product/acre (1.7 - 3.4 lbs of product/1,000 ft<sup>2</sup>).

<sup>2</sup> NR – Late summer or early fall application not recommended.

- For **Poa annua (Annual Bluegrass) Conversion to Perennial Turfgrasses**, apply Cutless 0.17% Fertilizer as recommended below.

TABLE 2						
Cutless 0.17% Fertilizer Rate for <i>Poa annua</i> (Annual Bluegrass) Conversion to Perennial Turfgrasses						
Turfgrass Species	Application Timing					
	Late Spring to Early Summer			Late Summer to Early Fall <sup>1</sup>		
	lbs of product / Acre	lbs ai/Acre	lbs of product / 1,000 ft <sup>2</sup>	lbs of product / Acre	lbs ai/A	lbs of product / 1000 ft <sup>2</sup>
Bentgrass <sup>2</sup> , Kentucky Bluegrass, and Perennial Ryegrass	77 - 441	0.13 - 0.75	1.8 - 10.1	77 - 441	0.13 - 0.75	1.8 - 10.1

<sup>1</sup> **Optional Overseeding:** Delay overseeding for 2 to 3 weeks after Cutless 0.17% Fertilizer application and then seed with desired perennial turfgrass species.

<sup>2</sup> **Bentgrass Greens:** Rates from 74 - 147 lbs of product/acre (1.7 - 3.4 lbs of product/1,000 ft<sup>2</sup>).

**Note to User:** Application of Cutless 0.17% Fertilizer to *Poa annua* may cause discoloration to this species which begins 7 to 10 days after treatment and lasts 3 to 6 weeks.

- For **Edging and Banding Application for Growth Regulation** in Perennial Turfgrass Species. (Apply Cutless 0.17% Fertilizer as directed below.)

Cutless 0.17% Fertilizer 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, fences, or other similar areas. Cutless 0.17% Fertilizer should be applied in a 6-inch band with a granular spreader that applies materials in a narrow concentrated band. The amount of Cutless 0.17% Fertilizer required for edging or banding applications to perennial turfgrass is dependent upon turfgrass species. Treated turf will require less string trimming and/or edging and exhibit a more compact growth form. Refer to Table 3 for rate recommendations for specific turfgrass species. Repeat at 8 to 12 week intervals or as needed for turf growth regulation.

TABLE 3				
Cutless 0.17% Fertilizer Rates for Edging/Banding Applications				
Turfgrass Species	(lb/Acre)	(lb ai/A)	(lb/1000 ft. <sup>2</sup> )	(oz/100 linear ft.) <sup>1</sup>
<b>Cool Season Turfgrasses</b>				
Bentgrass	294 - 588	0.5 - 1.0	6.8 - 13.5	5.45 - 10.9
Kentucky Bluegrass	441 - 882	0.75 - 1.5	10.1 - 20.2	8.1 - 16.15
Perennial Ryegrass	441 - 882	0.75 - 1.5	10.1 - 20.2	8.1 - 16.15
Tall Fescue	441 - 882	0.75 - 1.5	10.1 - 20.2	8.1 - 16.15
<b>Warm Season Turfgrasses</b>				
328 Hybrid Bermudagrass	223 - 294	0.38 - 0.5	5.1 - 6.8	4.1 - 5.45
419 Hybrid Bermudagrass	294 - 588	0.5 - 1.0	6.8 - 13.5	5.45 - 10.9
Common Bermudagrass	441 - 882	0.75 - 1.5	10.1 - 20.2	8.1 - 16.5
Seashore Paspalum	294 - 588	0.5 - 1.0	6.8 - 13.5	5.45 - 10.9
St. Augustinegrass	294 - 588	0.5 - 1.0	6.8 - 13.5	5.45 - 10.9
Zoysiagrass	294 - 588	0.5 - 1.0	6.8 - 13.5	5.45 - 10.9

<sup>1</sup> Assuming band of granular application is 6-inches wide.

### STORAGE AND DISPOSAL

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

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

**Pesticide Disposal:** Wastes resulting from use of this product must be disposed of on site or at any approved waste disposal facility.

**Nonrefillable Container Disposal (non-rigid, any size):** Do not reuse or refill this container. Completely empty bag into application equipment. Offer for recycling if available. If recycling not available, then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**Nonrefillable Container Disposal (rigid, any size):** Do not reuse or refill this container. Triple rinse (or equivalent). 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**

---

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 or the seller. To the extent consistent with applicable law, all such risks shall be assumed by buyer.

---

## **LIMITATION OF REMEDIES**

---

To the extent consistent with applicable law, 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 promptly notified of such losses or damages in writing. In no case shall SePRO Corporation be liable for consequential or incidental damages or losses.

The terms of the *Warranty Disclaimer*, *Inherent Risks of Use* and this *Limitation of Remedies* cannot 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 this *Limitation of Remedies* in any manner.

© Copyright \_\_\_\_ SePRO Corporation

\*Trademark of SePRO Corporation

18  
27

**[Editor's note: This portion of the master label contains Professional Container Ornamental Uses.]**

**[Base label for Non-dilutable, Non-refillable, Non-rigid containers, any size]**



# Turf Fertilizer – Contains Cutless\* 0.17%

**A PRODUCT CONTAINING CUTLESS TURF GROWTH REGULATOR FOR HERBACEOUS AND WOODY ORNAMENTAL PLANTS GROWN IN CONTAINERS.**

**Active Ingredient**

Flurprimidol:  $\alpha$ -(1-methylethyl)- $\alpha$ -[4-(trifluoromethoxy)-phenyl]-5-pyrimidinemethanol ..... 0.17%

**Other Ingredients**..... 99.83%

**TOTAL**..... 100.00%

Contains 0.0017 pound active ingredient per one (1) U.S. pound of product.

[Editorial Note: the "Guaranteed Fertilizer Analysis" will only be included on the label when this product contains fertilizer.]

**Guaranteed Fertilizer Analysis:**

Total Nitrogen .....	XX%
Available Phosphoric Acid (P <sub>2</sub> O <sub>5</sub> ).....	XX%
Soluble Potash (K <sub>2</sub> O) .....	XX%

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals**

**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 the label, find someone to explain it to you in detail.)

**Harmful if swallowed. Causes moderate eye irritation.**

<b>FIRST AID</b>	
<b>If swallowed</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor 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.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>

19  
27

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**.

**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 disposing of equipment washwaters.

**Ground Water Advisory**

This pesticide has properties and characteristics associated with chemicals detected in ground water. This chemical may leach into ground water if used in areas where soils are permeable, particularly where the water table is shallow.

**Surface Water Advisory**

This product is classified as having potential for reaching surface water via runoff for several months or more after application. A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs, will reduce the potential loading of flurprimidol from runoff and sediment.

**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. Use only according to label directions.

**STORAGE AND DISPOSAL**

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

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

**Pesticide Disposal:** Wastes resulting from use of this product must be disposed of on site or at any approved waste disposal facility.

**Nonrefillable Container Disposal (non-rigid, any size):** Do not reuse or refill this container. Completely empty bag into application equipment. Offer for recycling if available. If recycling not available, then dispose of empty bag in a sanitary landfill or by incineration, 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.**

**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* at the end of the label. If terms are unacceptable, return at once unopened.**

For additional information on our products, please visit [www.sepro.com](http://www.sepro.com).

EPA Reg. No. 67690-44  
FPL020211

EPA Est. No. \_\_\_\_\_  
SPC - \_\_\_\_\_

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

**Turf Growth Regulator**

**Net contents** \_\_\_\_\_  
**This container is sufficient to treat x,xxx ft<sup>2</sup>.**

20  
27

[Base label for Non-dilutable, Non-refillable, Rigid containers, any size]



# Turf Fertilizer – Contains Cutless\* 0.17%

**A PRODUCT CONTAINING CUTLESS TURF GROWTH REGULATOR FOR HERBACEOUS AND WOODY ORNAMENTAL PLANTS GROWN IN CONTAINERS.**

**Active Ingredient**

Flurprimidol:  $\alpha$ -(1-methylethyl)- $\alpha$ -[4-(trifluoromethoxy)-phenyl]-5-pyrimidinemethanol ..... 0.17%

**Other Ingredients** ..... 99.83%

**TOTAL** ..... 100.00%

Contains 0.0017 pound active ingredient per one (1) U.S. pound of product.

[Editorial Note: the “Guaranteed Fertilizer Analysis” will only be included on the label when this product contains fertilizer.]

<b>Guaranteed Fertilizer Analysis:</b>	
Total Nitrogen .....	XX%
Available Phosphoric Acid (P <sub>2</sub> O <sub>5</sub> ) .....	XX%
Soluble Potash (K <sub>2</sub> O) .....	XX%

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals**

**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 the label, find someone to explain it to you in detail.)

**Harmful if swallowed. Causes moderate eye irritation.**

<b>FIRST AID</b>	
<b>If swallowed</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor 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.</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</b> at <b>1-800-535-5053</b>.</p>	

21  
27

**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 disposing of equipment washwaters.

**Ground Water Advisory**

This pesticide has properties and characteristics associated with chemicals detected in ground water. This chemical may leach into ground water if used in areas where soils are permeable, particularly where the water table is shallow.

**Surface Water Advisory**

This product is classified as having potential for reaching surface water via runoff for several months or more after application. A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs, will reduce the potential loading of flurprimidol from runoff and sediment.

**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. Use only according to label directions.

**STORAGE AND DISPOSAL**

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

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

**Pesticide Disposal:** Wastes resulting from use of this product must be disposed of on site or at any approved waste disposal facility.

**Nonrefillable Container Disposal (rigid, any size):** Do not reuse or refill this container. Triple rinse (or equivalent). 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.

**Refer to inside of label booklet for additional precautionary information and directions for use.**

**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* at the end of the label. If terms are unacceptable, return at once unopened.**

For additional information on our products, please visit [www.sepro.com](http://www.sepro.com).

EPA Reg. No. 67690-44  
FPL020211

EPA Est. No. \_\_\_\_\_  
SPC - \_\_\_\_\_

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

**Turf Growth Regulator**

**Net contents** \_\_\_\_\_  
**This container is sufficient to treat x,xxx ft<sup>2</sup>.**

27  
27

[Front of label booklet, ALL containers]



# Turf Fertilizer – Contains Cutless\* 0.17%

**A PRODUCT CONTAINING CUTLESS TURF GROWTH REGULATOR FOR HERBACEOUS AND WOODY ORNAMENTAL PLANTS GROWN IN CONTAINERS.**

**Active Ingredient**

Flurprimidol:  $\alpha$ -(1-methylethyl)- $\alpha$ -[4-(trifluoromethoxy)-phenyl]-5-pyrimidinemethanol ..... 0.17%

**Other Ingredients** ..... 99.83%

**TOTAL** ..... 100.00%

Contains 0.0017 pound active ingredient per one (1) U.S. pound of product.

[Editorial Note: the "Guaranteed Fertilizer Analysis" will only be included on the label when this product contains fertilizer.]

<b>Guaranteed Fertilizer Analysis:</b>	
Total Nitrogen .....	XX%
Available Phosphoric Acid (P <sub>2</sub> O <sub>5</sub> ) .....	XX%
Soluble Potash (K <sub>2</sub> O) .....	XX%

## 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 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 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* at the end of the label. If terms are unacceptable, return at once unopened.**

For additional information on our products, please visit [www.sepro.com](http://www.sepro.com).

EPA Reg. No. 67690-44  
FPL020211

EPA Est. No. \_\_\_\_\_  
SPC - \_\_\_\_\_

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

**Turf Growth Regulator**

**Net contents** \_\_\_\_\_  
This container is sufficient to treat x,xxx ft<sup>2</sup>.

23  
27

[Label booklet text, ALL containers]

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

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

Harmful if swallowed. Causes moderate eye irritation.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category A on an EPA chemical resistance category selection chart.

**It is recommended that applicators and other handlers wear:**

- Protective eyewear
- Long-sleeved shirt and long pants;
- Shoes plus socks;
- Chemical-resistant gloves (such as natural rubber or barrier laminate); and

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.

**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.

**FIRST AID**

<b>If swallowed</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor 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.</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**.

## 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 disposing of equipment washwaters.

### Ground Water Advisory

This pesticide has properties and characteristics associated with chemicals detected in ground water. This chemical may leach into ground water if used in areas where soils are permeable, particularly where the water table is shallow.

### Surface Water Advisory

This product is classified as having potential for reaching surface water via runoff for several months or more after application. A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs, will reduce the potential loading of flurprimidol from runoff and sediment.

---

## 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. Use only according to label directions.

### Use Information for Growth Regulation of Container Ornamentals

Cutless 0.17% Fertilizer contains the active ingredient flurprimidol, which effectively reduces internode elongation through the inhibition of gibberellin biosynthesis, resulting in a more desirable compact ornamental plant. Cutless 0.17% Fertilizer has been shown to increase the quality of plants even in the absence of growth reduction. Some of these desirable qualities include darker leaf color, higher chlorophyll content, greater leaf thickness, stronger stems, and decreased water loss. When used as directed, Cutless 0.17% Fertilizer produces no phytotoxic effects.

**NOTICE TO USER:** Plant tolerance to Cutless 0.17% Fertilizer has been found to be acceptable in research trials for the general plant species listed on this label. However, due to the large number of species of ornamental and nursery plants and their associated varieties and cultivars and due to variable growing conditions, it is impossible to test every plant and variety or cultivar for tolerance to Cutless 0.17% Fertilizer. The Manufacturer has not determined whether Cutless 0.17% Fertilizer can be used safely on all ornamental plants. Whereas Cutless 0.17% Fertilizer has been shown to be safe and effective in a limited number of research trials on certain varieties or cultivars of the plant types listed, the professional user should determine if Cutless 0.17% Fertilizer can be used safely prior to commercial use. Prior to wide-scale use, users should conduct small-scale tests under local growing conditions using the general guideline rates listed below. For species and their varieties or cultivars not specifically listed on the label, the user assumes all risk from phytotoxicity or unacceptable growth effects.

Cutless 0.17% Fertilizer is effective in controlling the height of most ornamental crops. The use and rate recommendations for the species that follow should be a starting point in determining the best rate for your specific cultural and environmental growing conditions. Before Cutless 0.17% Fertilizer is applied to a large number of plants, read and understand the section titled *Application Rates*.



## **Use Directions**

Cutless 0.17% Fertilizer is a systemic growth regulator for herbaceous and woody ornamental plants grown in containers.

### **Use Precautions for Growth Regulation of Container Ornamentals**

- Do not use Cutless 0.17% Fertilizer on plants from which fruits, nuts or other commodities may be produced for human consumption.
- 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.
- For single applications do not exceed 1.5 lbs ai/A or 882 lbs/A of Cutless 0.17% Fertilizer.
- Do not apply more than 3.0 lbs ai/A/year or 1,765 lbs/A/year of Cutless 0.17% Fertilizer.

### **Method of Application**

Cutless 0.17% Fertilizer should be made as a topical application to container grown ornamental plants. Applications can also be applied to individual pots with hand held delivery devices calibrated to deliver a known amount of product.

### **Application Timing**

Cutless 0.17% Fertilizer can be applied at any stage of the growth and development of container and field grown ornamental plants. For woody ornamentals and herbaceous perennials, best results are found when applications are made at the onset of spring greenup when the plants are shaped and pruned to the desired size. If multiple applications are required, the plant should be shaped and pruned again prior to sequential applications. For bedding plants, applications should be made when the plants are well established after transplant.

On all plants, Cutless 0.17% Fertilizer applications should be moderately watered in to move the active ingredient into the root zone where it can be absorbed and translocated by the plant. Avoid leaching and runoff following application of Cutless 0.17% Fertilizer.

### **Topical Applications**

Apply Cutless 0.17% Fertilizer as a topical application to individual pots for height control of container ornamentals. Follow rate recommendations in Table 1 to target rates of product per pot.

26  
27

TABLE 1			
Cutless 0.17% Fertilizer Rates for Topical Application to Container Ornamentals			
Ornamentals	Container Size (inches in diameter)	Grams / Pot	Maximum gram / pot/year <sup>1</sup>
<b>Perennial Non-woody Ground Covers and Herbaceous Landscape Ornamentals</b>  Examples include: <i>Acalypha</i> ; <i>Arbutifolia</i> ; <i>Buddleia</i> ; <i>Coreopsis</i> ; <i>Fuchsia</i> ; <i>Lantana</i> ; <i>Lobelia</i> ; <i>Jasmine</i> ; <i>Pachystachys</i> ; <i>Phlox</i> ; <i>Plumbago</i> ; <i>Scabiosa</i> ; <i>Sage, Mexican</i> ; <i>Sage, Russian</i> ; <i>Verbena</i> ; <i>Veronica</i>	4	0.1 - 0.3	2.0
	6	0.2 - 0.6	4.6
	8	0.3 - 1.4	8.2
	10	0.9 - 3.5	12.8
	12	1.4 - 5.6	18.4
<b>Perennial Woody Ground Covers and Woody Ornamental Shrubs and Hedges</b>  Examples include: <i>Abelia</i> ; <i>Azalea</i> ; <i>Bougainvillea</i> ; <i>Cotoneaster</i> ; <i>Dipladenia</i> ; <i>Euonymus</i> ; <i>Holly</i> ; <i>Honeysuckle</i> ; <i>Hydrangea</i> ; <i>Ligustrum</i> ; <i>Ninebark</i> ; <i>Photinia</i> ; <i>Rhododendron</i> ; <i>Rose</i> ; <i>Weigela</i>	4	0.3 - 0.6	2.0
	6	0.6 - 1.1	4.6
	8	1.4 - 2.8	8.2
	10	3.5 - 6.4	12.8
	12	5.6 - 9.2	18.4

**Notice to Users:** The amount of Cutless 0.17% Fertilizer required for optimum growth regulation response is dependent upon the height and mass of woody stems, foliage volume, sunlight exposure, soil texture, rainfall and temperature conditions, and species tolerance. The user should evaluate Cutless 0.17% Fertilizer on a small area prior to large scale applications to target plants.

<sup>1</sup> Maximum allowable number of annual applications will be based upon the sum of applications made to not exceed the maximum grams per pot per year.

**STORAGE AND DISPOSAL**

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

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

**Pesticide Disposal:** Wastes resulting from use of this product must be disposed of on site or at any approved waste disposal facility.

**Nonrefillable Container Disposal (non-rigid, any size):** Do not reuse or refill this container. Completely empty bag into application equipment. Offer for recycling if available. If recycling not available, then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**Nonrefillable Container Disposal (rigid, any size):** Do not reuse or refill this container. Triple rinse (or equivalent). 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**

---

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 or the seller. To the extent consistent with applicable law, all such risks shall be assumed by buyer.

---

## **LIMITATION OF REMEDIES**

---

To the extent consistent with applicable law, 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 promptly notified of such losses or damages in writing. In no case shall SePRO Corporation be liable for consequential or incidental damages or losses.

The terms of the *Warranty Disclaimer*, *Inherent Risks of Use* and this *Limitation of Remedies* cannot 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 this *Limitation of Remedies* in any manner.

© Copyright \_\_\_\_ SePRO Corporation

\*Trademark of SePRO Corporation