

67690-19

12/29/2010

1/18



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF
CHEMICAL SAFETY AND
POLLUTION PREVENTION

DEC 29 2010

James B. Messina, Agent for
SePRO Corporation
c/o Exponent
Suite 1100
1150 Connecticut Avenue, NW
Washington, DC 20036

SUBJECT: Label Amendment
Turf Fertilizer- Contains Cutless 0.5%
EPA Reg. No. 67690-19; Decision #398767
Your Submission Dated December 16, 2010

Dear Mr. Messina:

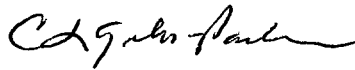
The amended labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act as amended is acceptable provided that you submit the following data to the Agency by the due date:

- Guideline 870.3465 - 90-day inhalation toxicity (28 day duration) - due September 1, 2012
- Guideline 870.6200 - Neurotoxicity screening battery - due May 1, 2011
- Guideline 870.7800 - Immunotoxicity - due September 1, 2011

You must submit a copy of the final printed label. A stamped copy of the label is enclosed for your records. This label supersedes all previously accepted labels. If these conditions are not complied with, the registration will be subject to cancellation in accordance

with FIFRA. Your release for shipment of the product constitutes acceptance of these conditions. 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 or Shaja Joyner at 703-308-3194 or via email at joyner.shaja@epa.gov.

Sincerely,



Cynthia Giles-Parker
Branch Chief
Fungicide Branch
Registration Division (7504P)

Enclosure

Turf Fertilizer – Contains Cutless* 0.5%

EPA Reg. No. 67690-19

Registration Notes: Label amendment revised label submitted to EPA 9/16/10.

General Label Changes:

1. As allowed by PRN 1998-10, reformatted the label to comply with PRN 2007-4 for non-rigid and rigid containers.
2. Added PPE and User Safety Recommendations.
3. Corrected minor typographical errors and formatting, throughout label.

#118

Cutless* on Fertilizer 0.5% 67690-19

12/29/2010

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



Turf Fertilizer – Contains Cutless* 0.5%

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

Active Ingredient

Flurprimidol: α -(1-methylethyl)- α -[4-(trifluoromethoxy)-phenyl]-5-pyrimidinemethanol..... 0.5%

Other Ingredients 99.5%

TOTAL 100.00%

Contains 0.005 pound active ingredient per one (1) U.S. pound of product.

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

Guaranteed Fertilizer Analysis:

| | |
|---|-----|
| Total Nitrogen..... | XX% |
| Available Phosphoric Acid (P ₂ O ₅)..... | XX% |
| Soluble Potash (K ₂ 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 or inhaled. Avoid breathing dust.

| FIRST AID | |
|--------------|---|
| If swallowed | <ul style="list-style-type: none">• Call a poison control center or doctor for treatment advice.• Have person sip a glass of water if able to swallow.• Do not induce vomiting unless told to do so by a poison control center or doctor.• Do not give anything by mouth to an unconscious person. |
| If inhaled | <ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.• Call a poison control center or doctor for further treatment advice. |
| If in eyes | <ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. |

| | |
|---|---|
| | <p>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</p> <ul style="list-style-type: none"> • Call a poison control center or doctor for treatment advice. |
| If on skin or clothing | <ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 - 20 minutes. • Call a poison control center or doctor for treatment advice. |
| <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 INFOTRAC at 1-800-535-5053.</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 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 the 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.

EPA Reg. No. 67690-19
FPL022210

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 ft².

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



Turf Fertilizer – Contains Cutless* 0.5%

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

Active Ingredient

Flurprimidol: α -(1-methylethyl)- α -[4-(trifluoromethoxy)-phenyl]-5-pyrimidinemethanol..... 0.5%

Other Ingredients 99.5%

TOTAL 100.00%

Contains 0.005 pound active ingredient per one (1) U.S. pound of product.

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PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

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CAUTION / PRECAUCIÓN

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| FIRST AID | |
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| If swallowed | <ul style="list-style-type: none"> • Call a poison control center or doctor for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything by mouth to an unconscious person. |
| If inhaled | <ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice. |
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| <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 INFOTRAC at 1-800-535-5053.</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 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 the 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.

EPA Reg. No. 67690-19
FPL022210

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 ft².

[Front of label booklet, ALL containers]



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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.**

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[Label booklet text, ALL containers]

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Keep Out of Reach of Children

CAUTION / PRECAUCIÓN

Harmful if swallowed or inhaled. Avoid breathing dust.

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.

Applicators and other handlers must wear:

- 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 exists, 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

| | |
|----------------------|--|
| If swallowed | <ul style="list-style-type: none"> • Call a poison control center or doctor for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything by mouth to an unconscious person. |
| If inhaled | <ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice. |
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clothing

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ENVIRONMENTAL HAZARDS

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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 Established Perennial Landscape Ornamentals

Cutless 0.5% Fertilizer contains flurprimidol, a plant growth regulator. Cutless is a systemic landscape growth regulator which suppresses terminal growth in established woody ornamental plants and perennial ground covers. Treated plants require less trimming and exhibit a more compact growth form. Growth suppression is achieved by suppression of gibberellic acid biosynthesis resulting in reduced internode elongation in terminal shoot growth. Smaller leaves and intensified greening occur in some species. Cutless 0.5% Fertilizer is absorbed by root interception from soil and is translocated to growing stems and leaves within water conducting tissues. Movement of Cutless 0.5% Fertilizer in plants occurs in response to transpiration water loss.

NOTE: Non-target plants with roots which extend into Cutless 0.5% Fertilizer treated areas may exhibit growth regulation. **Antidote:** Gibberellic acid may be applied as an antidote to stimulate terminal shoot growth of over regulated plants.

Time required for onset of growth suppression may vary from 2 to 8 weeks, for herbaceous and woody species, respectively, depending on the rate of foliage water loss and mass and height of woody stems. Duration of growth suppression ranges from 2 to 6 months, depending upon plant species, environmental factors, and soil type. Frequent trimming and seasonal loss of leaves encourage more rapid dissipation of growth regulator effects in treated plants. In general, growth suppression will be of longer duration in species with larger mass of woody tissue. Cutless 0.5% Fertilizer may not be effective on certain conifers or other species which contain high concentrations of oils, resins and latex materials in plant tissues.

Benefits of Cutless 0.5% Fertilizer Applications to Established Perennial Landscape Ornamentals

- Shoot growth suppression of landscape ornamentals resulting in decreased pruning frequency.
- Darker green foliage.
- Increased plant density or compact growth habit.
- Improved water use efficiency resulting in pre-drought stress conditioning.
- Potential for enhanced flowering in some plant species.

Use Precautions for Applications to Established Perennial Landscape Ornamentals

- Use Cutless 0.5% Fertilizer only on plantings that are well-established and in vigorous growth condition.
- Cutless 0.5% Fertilizer is not suitable for treatment of ornamental trees.
- Do not use Cutless 0.5% Fertilizer on plants from which fruits, nuts or other commodities may be produced for human consumption.
- Do not apply to annual bedding plants.
- Avoid application when weather conditions favor movement of granules from target area.
- For single applications, do not apply more than 1.5 lbs ai/A or 300 lbs/A of Cutless 0.5% Fertilizer. Total annual applications may not exceed more than 3.0 lbs ai/A/year or 600 lbs/A/year of Cutless 0.5% Fertilizer.

Application

Apply Cutless 0.5% Fertilizer uniformly over the treatment area with a rotary-type, gravity-fed, or airflow driven spreader. Cutless 0.5% Fertilizer may be applied over the top of low-growing woody plants and perennial ground covers. For larger plantings, Cutless 0.5% Fertilizer should be applied uniformly under the dripline. Apply when rainfall is expected within a few days or apply a minimum of 0.5 inch of sprinkler irrigation to move Cutless 0.5% Fertilizer into the root zone. Avoid runoff and possible product movement during the initial irrigation after application. Periodic rainfall or irrigation is needed to maintain uniform growth regulation activity. Avoid irrigation in excess of plant growth requirements.

Application Timing

Apply Cutless 0.5% Fertilizer as needed for shoot growth suppression of landscape ornamentals. For best results, shape or prune plants the day of application or 1 to 5 days before or after application of Cutless 0.5% Fertilizer. Prune or shape extremely aggressive or vigorous planting 5 to 7 days after application. Repeat applications should be applied every 2 to 6 months or when growth regulation is no longer visible.

Application Rates

The amount of Cutless 0.5% Fertilizer required for an 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. Cultural practices such as frequency of irrigation, fertilization and timing of application may also affect the response to Cutless 0.5% Fertilizer treatment. Because of these factors, plant response to a given application rate of Cutless 0.5% Fertilizer may vary according to local conditions. Users should establish specific application rates for different species in small scale treatments under actual use conditions. Refer to Table 1, *Cutless 0.5% Fertilizer Rate for Established Perennial Landscape Ornamentals*, for rate directions for established perennial landscape ornamentals.

Determining the Amount of Cutless 0.5% Fertilizer Required

Determine the area to be treated in acres, thousands (1,000's) of square feet or hundreds (100's) of square feet. Choose an application rate appropriate for the type of vegetation to be treated and desired level of growth suppression. To determine the amount of Cutless 0.5% Fertilizer required, multiply the area to be treated (in acres, 100's or 1,000's of sq. ft.) times the required amount Cutless 0.5% Fertilizer per unit area (see Table 1, *Cutless 0.5% Fertilizer Rate for Established Perennial Landscape Ornamentals*) which corresponds to the desired rate.

Example: If the area to be treated is 450 ft² (4.5 100's of square feet), and the desired application rate is 4.6 lbs/1,000 ft² (1.0 lb a.i./A); multiply 4.5 X 7.3 oz./100 ft² = 32.85 oz or 2.05 pounds.

| Cutless 0.5% Fertilizer Rates for Established Perennial Landscape Ornamentals | | |
|--|------------------------------|---------------------------|
| Landscape Ornamental ¹ | Cutless 0.5% Fertilizer | |
| | (lbs/1,000 ft ²) | (oz/100 ft ²) |
| Perennial Non-woody Ground Covers and Herbaceous Landscape Ornamentals | 2.3 | 3.7 |
| | 4.6 | 7.3 |
| Perennial Woody Ground Covers and Woody Ornamental Shrubs and Hedges | 4.6 | 7.3 |
| | 6.9 | 11.0 |
| | 9.2 ² | 14.7 ² |
| | 11.5 ² | 18.4 ² |
| | 13.8 ² | 22.0 ² |

¹ **NOTICE TO USERS:** The amount of Cutless 0.5% 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 users should evaluate Cutless 0.5% Fertilizer on a small area prior to large scale applications to target landscape ornamentals.

² Rates designated for spot treatments only to dripline areas of landscape ornamentals less than 20,000 ft² over the entire acre containing the spot treatments. Do not apply to areas greater than 20,000 ft².

Use Information for Growth Regulation of Perennial Turfgrasses

Cutless 0.5% Fertilizer contains Cutless 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 0.5% 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 0.5% Fertilizer treatment.

Benefits of Cutless 0.5% Fertilizer Applications to Perennial 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* (annual bluegrass), 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 0.5% 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 0.5% 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 0.5% 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 0.5% 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 precipitation is anticipated. Cutless 0.5% Fertilizer may accumulate in low lying areas and cause prolonged and excessive growth regulation in those areas.
- Applications of Cutless 0.5% Fertilizer to newly seeded turfgrasses should be delayed until turf is well established and actively growing.
- Cutless 0.5% 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 0.5% 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 600 lbs/A/year of Cutless 0.5% 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 0.5% 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 0.5% Fertilizer.

Turf Color and Post Treatment Turf Management

Turfgrass areas treated with Cutless 0.5% 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 0.5% 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 0.5% 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, rates, and precautions for perennial grass conversion through selective reduction of *Poa annua* are provided in the *Cutless 0.5% Fertilizer Rate for Poa annua (Annual Bluegrass) Conversion to Perennial Turfgrasses* section of this label.

Application Equipment, Techniques and Rate

Apply Cutless 0.5% 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 0.5% 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. 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 0.5% Fertilizer as directed below.

| Cutless 0.5% Fertilizer Rates for Perennial Turfgrasses | | | |
|---|-----------|-------------|-----------------------------|
| Turfgrass Species | (lb/Acre) | (lbs ai/A) | (lb/1,000 ft ²) |
| Cool Season Turfgrasses | | | |
| Bentgrass ¹ | 50 - 100 | 0.25 - 0.50 | 1.2 - 2.3 |
| Kentucky Bluegrass | 75 - 150 | 0.38 - 0.75 | 1.7 - 3.4 |
| Perennial Ryegrass | 75 - 150 | 0.38 - 0.75 | 1.7 - 3.4 |
| Warm Season Turfgrasses | | | |
| 328 Hybrid Bermudagrass | 26 - 50 | 0.13 - 0.25 | 0.6 - 1.2 |
| 419 Hybrid Bermudagrass | 50 - 100 | 0.25 - 0.50 | 1.2 - 2.3 |
| Common Bermudagrass | 50 - 150 | 0.25 - 0.75 | 1.2 - 3.4 |
| Seashore Paspalum | 50 - 100 | 0.25 - 0.50 | 1.2 - 2.3 |
| Zoysiagrass ² | 50 - 150 | 0.13 - 0.38 | 1.2 - 3.4 |

¹ **Bentgrass Greens:** Rates from 25 - 50 lbs/A (0.6 - 1.2 lb/1,000 ft²)

² NR – Late fall applications not recommended.

- For ***Poa annua* (Annual Bluegrass) Conversion to Perennial Turfgrasses**, apply Cutless 0.5% Fertilizer as directed below.

| Cutless 0.5% Fertilizer Rates for <i>Poa annua</i> (Annual Bluegrass) Conversion to Perennial Turfgrasses | | | |
|---|-----------|-------------|-----------------------------|
| Turfgrass Species ¹ | (lb/Acre) | (lbs ai/A) | (lb/1,000 ft ²) |
| Bentgrass ² , Kentucky Bluegrass, and Perennial Ryegrass | 26 - 150 | 0.13 - 0.75 | 0.6 - 3.4 |

¹ **Optional Overseeding:** Delay overseeding for 2 to 3 weeks after Cutless 0.5% Fertilizer application and then seed with desired perennial turfgrass species.

² **Bentgrass Greens:** Rates from 26 - 50 pounds per acre (0.6 - 1.2 pounds per 1,000 ft²).

Note to User: Application of Cutless 0.5% Fertilizer to *Poa annua* may cause discoloration to this species which begins 7 to 10 days after treatment and lasts 3 to 6 weeks.

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.

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