

Governor[™]

Growth Regulator



For Turf Growth Management

FEATURES & USE TIPS:

- Contains same active ingredient as Primo[®]
- Unique granular formulation for spreader application.
- Ideal for hard to reach mowing areas.
- Reduces turf grass clippings by up to 50%.
- The use of this product is valuable to reduce mowing labor and equipment maintenance expenses.
- Provides a wide range of uses.

PRODUCT SPECIFICATIONS:

Active Ingredient: Trinexapac-ethyl (0.17%)

PRODUCT CODE:

AGCGR32

Date: 042307
Supersedes: 032306
Label: E6

PRODUCT CHARACTERISTICS:

Product Type:

Growth Regulator

Particle Size:

SGN: 75

Net Weight:

32 lbs.

Coverage:

6,900 sq. ft. @
Medium Rate

Bags / Pallet:

45

Andersons Golf Products is registered trademarks;
Primo[®] is registered trademark of Syngenta Crop Protection.

*To order, contact your local
Andersons Golf Products
distributor.*

*For more information, contact
Andersons at our website:
www.andersonsgolfproducts.com
or call 1-800-225-2639.*

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ACTIVE INGREDIENT:	
Trinexapac-ethyl (CAS No. 95266-40-3)	0.17%
OTHER INGREDIENTS:	99.83%
Total	100.00%

EPA Reg. No. 100-930-9198
EPA Est. No. 9198-OH-1M, 9198-OH-2B, 9198-AL-001A
Underlined letter is first letter used in run code on bag.
Primo® is a trademark of a Syngenta Group Company
Governor™ is a trademark of The Andersons Agriservices, Inc.

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID	
If in eyes:	<ul style="list-style-type: none">• 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.• 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.
If swallowed:	<ul style="list-style-type: none">• Call a poison control center or doctor immediately for treatment advice.• Have a 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 by mouth-to-mouth, if possible.• Call a poison control center or doctor for treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
HOT LINE NUMBER For 24 Hour Medical Emergency Assistance (Human or Animal) or Chemical Emergency Assistance (Spill, Leak, Fire, or Accident), Call 1-800-888-8372	

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

Causes eye irritation. Do not get in eyes. Harmful if swallowed or absorbed through skin. Avoid contact with skin or clothing.

Environmental Hazards

Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Runoff may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment wash water. Do not apply when weather conditions favor drift from treated areas.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product should be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of MANUFACTURER or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold MANUFACTURER and Seller harmless for any claims relating to such factors.

MANUFACTURER warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or MANUFACTURER, and Buyer and User assume the risk of any such use. MANUFACTURER MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

In no event shall MANUFACTURER or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF MANUFACTURER AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF MANUFACTURER OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

MANUFACTURER and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of MANUFACTURER.

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

Read entire label before using this product. **FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN UNEVEN GROWTH REDUCTION OR SEVERELY STUNTED TURF.**

Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes. For outdoor use on commercial turf such as residential lawns, golf courses, cemeteries, parks, athletic fields, institutional and school turf areas.

Do not apply this product through any type of irrigation system.

STORAGE AND DISPOSAL

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

Pesticide Storage: Store in a cool, dry place. Keep container closed and away from food, feedstuffs, and domestic water supplies.

Pesticide Disposal: Pesticide wastes are toxic. Improper disposal of excess pesticide is a violation of federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by alternative methods allowed by state and local authorities.

GENERAL INFORMATION

Andersons Golf Products Governor Growth Regulator is a unique granular formulation of Primo®, the turf growth regulator. This product allows golf course operators, commercial turf managers, and lawn care companies to reduce the frequency of mowing and the amount of grass clippings by approximately 50% over a four-week period.

A quality turf stand means the grass is actively growing, but a high growth rate can be difficult and costly to manage. The use of this product is valuable in many ways:

- Whenever a granular application is preferred over applications of a liquid growth regulator product
- When mowing operations conflict with uses such as frequent golf play, athletic events, or other outdoor events of extended duration
- During times of undesirable heavy grass growth, such as Spring, when frequent rains limit the opportunity for mowing
- On steeply sloped ground
- In areas under air pollution restrictions which restrict mowing
- As a *green edger*, in lawn border areas
- Around mowing obstacles, such as fences, trees and shrubs, monuments and markers
- Whenever mowing crews or equipment are unavailable
- To reduce mowing labor and equipment maintenance expenses

The active ingredient in this product is time-tested by years of extensive use on golf courses and by commercial lawn maintenance/mowing companies. The proper use of this product offers the following benefits:

- About half as much clipping volume to collect and recycle
- Allows for a longer interval between mowings
- Redirects grass growth energy into roots and shoots, frequently improving turf density and durability
- Frequently reduces watering requirements
- Frequently increases density, color, traffic resistance, and quality of the turf
- Will not harm neighboring plantings
- Seed germination is not affected
- Doesn't kill the grass or other plants like other chemical edger products
- Watering in is not required

APPLICATION INFORMATION

Environmental conditions, management, and cultural practices that affect turf growth and vigor will influence the response of the turf to Andersons Golf Products Governor Growth Regulator applications. Fertility level, moisture availability, leaf wetness at the time of application, plant vigor, height, and frequency of mowing, etc. have been shown to influence the activity of this product.

Tests have shown that Perennial Ryegrass and St. Augustine turfs must be damp at the time of application for best results.

The rates presented in the **Recommended Application Rates** table provide approximately 50% growth inhibition over a 4-week period with little or no discoloration of turf growing under favorable conditions.

Excessive turf growth, which may occur under high fertilization program or during spring flushes, may require higher rates of this product. Under these conditions, this product rates may have to be increased up to 50% to provide an adequate length of control.

This product's use rates may need to be reduced up to 50% for turfgrass grown under conditions of low fertility, compaction, or other factors which stress the turf.

Multiple applications can be made each growing season, but do not exceed a total of 33.8 lbs. per 1,000 sq. ft. (2.5 lbs. a.i./A) per year.

Mowing

Generally, this product provides more suppression when turfgrasses are mowed at lower mowing heights than higher mowing heights. Application rates have been selected for typical mowing heights. The application rate may need to be adjusted depending on actual mowing conditions. **It is suggested that this product not be applied less than 24 hours before or 4 hours after mowing to minimize mower pickup problems or any potential turfgrass injury.** Do not mow so low as to *scalp* the turf, exposing lighter-colored crown tissue, and do not remove more than about 1/3 of the leaf height when mowing. For lawns, raise mowing height when turf undergoes stress or enters dormancy due to heat or drought.

Application Timing

Apply this product to actively growing turf. Reduce this product's rates on turf going into dormancy due to high or low temperatures or lack of moisture. Repeat applications of this product may be made as soon as the turf resumes growth or more suppression is desired. For best results, avoid application by broadcast spreaders under windy conditions, which may cause misapplication due to distortion of the application swath. For best results, apply when the turf is damp from dew or irrigation and when the weather is warm (air temperature at least in the 50°s F).

Equipment

Apply this product evenly, using the recommended rates and equipment capable of proper application of this product. Use only equipment designed for application of granular pesticides which has been properly calibrated and which is in good working order. Avoid skips and excessive overapplications as poor growth regulation or turfgrass injury may occur. See spreader settings table for recommended spreaders and settings. For use only as a *green edger*, a drop spreader is most efficient. If a broadcast spreader is used, center the heaviest part of the swath over the lawn border area.

Application Near and Around Monuments and Hardscape Materials
When used as directed, this product will not stain brass, bronze, concrete, marble, granite, or other types of stone. Before using this product around other types of stone, test on a small-scale basis.

POA ANNUA CONVERSION/RENOVATION
This product can be applied to existing turf infested with stands of *Poa annua* as part of an overseeding/renovation program. Such an application allows better germination and seeding growth of more desirable turf. This product, in conjunction with the use of appropriate cultural practices that help to ensure the vigor and growth of new seedlings, will also result in fewer clippings and thus, less maintenance traffic on new seedlings. Since this product is foliarly absorbed, seed germination is not affected. Apply this product 1-5 days before seeding; and before verticutting, scalping, spiking, or other similar operations.

Temporary initial discoloration is possible with aggressive application rates of this product to turf with *Poa annua*. This product applications the following spring should use the upper end rate for the turf type and setting listed in the **Recommended Application Rates** table. Actual conversion success will also depend on growing conditions, fertilization, rainfall, and other agronomic and environmental conditions.

BERMUDAGRASS OVERSEEDING
An application of this product to bermudagrass will enhance the establishment of cool-season turfgrasses. This product, in conjunction with the use of cultural practices that help ensure new seedling vigor and growth, will also result in fewer clippings and less maintenance traffic on new seedlings. This product is foliarly absorbed, so germination and seedling growth is not affected.

Apply this product before verticutting, scalping, spiking, or other similar operations to the bermudagrass. Apply this product 1-5 days before seeding.

Temporary initial discoloration is possible with aggressive application rates of this product. Use normal seeding rates for your area and turf setting (lawn, fairway, etc.). Actual overseeding success will also depend on growing conditions, fertilization, rainfall, and other agronomic and environmental conditions. For maintenance application, see the **Recommended Application Rates** table.

Notes: (1) Do not apply to bare ground since this product is foliarly absorbed. (2) Areas treated with this product should continue to receive regular maintenance practices, including irrigation, fertilization, and weed, disease, and insect control when necessary and as recommended for quality turf. Since some herbicides can injure turf, herbicide application within 24 hours of applying this product should first be tested on a small scale before widespread use. (3) This product may cause temporary yellowing. To minimize yellowing and to enhance the green color of turf, apply readily available nitrogen at 0.2-0.5 lb. of nitrogen per 1,000 square feet. If desirable, recommended rates of iron can also be used. (4) Full growth regulation by this product begins at about 3-5 days after application.

USE PRECAUTIONS
Be sure the lawn has adequate fertility before using this product. For best results, avoid excessive traffic on the treated area for 24 hours following application, do not water this product in, and avoid application just before a rainfall. Avoid applications when grass is under stress or enters dormancy from heat or drought to prevent yellowing. Do not graze treated areas or feed clippings to livestock.

Notice to Users: Plant tolerances to this product have been found to be acceptable for the grasses listed on this label. Due to the large number of species and cultivars, it is impossible to test every one for tolerance to this product. Neither the manufacturer nor the seller has determined whether or not this product can be used safely on grasses not specified on this label. The professional user should determine if this product can be used safely prior to commercial use. Before using this product for grasses not listed in the application table, test this product on a small scale first. Apply the lower recommended rate for the turf setting (Lawn, fairway, etc.) and evaluate for phytotoxicity and growth inhibition prior to widespread use.

This product use rates may need to be reduced up to 50% for turfgrass grown under conditions of low fertility, compaction, or other factors which stress the turf.

Do not enter or allow others to enter the treated area until dusts have settled. If watering-in is required after the application, do not enter or allow others to enter the treated area (except those involved in the watering) until the watering-in is complete and surface is dry.

SUGGESTED SPREADER SETTINGS						
These suggested spreader settings are not intended to replace calibration. Please calibrate your spreader before applying product.						
32 lbs. covers 19,700 sq. ft. at the 70 lbs. product/acre - LIGHT RATE (1.62 lbs/1,000 sq. ft. rate)						
32 lbs. covers 13,900 sq. ft. at the 100 lbs. product/acre - LOW RATE (2.30 lbs/1,000 sq. ft. rate)						
32 lbs. covers 6,900 sq. ft. at the 200 lbs. product/acre - MEDIUM RATE (4.59 lbs/1,000 sq. ft. rate)						
32 lbs. covers 5,300 sq. ft. at the 258 lbs. product/acre - HIGH RATE (5.94 lbs/1,000 sq. ft. rate)						
SPREADER	GROUND SPEED	WIDTH OF COVERAGE	LIGHT RATE 0.12 lbs. ai/A	LOW RATE 0.17 lbs. ai/A	MEDIUM RATE 0.34 lbs. ai/A	HIGH RATE 0.44 lbs. ai/A
Andersons AccuPro 1000	3 mph	4 feet	J	K	L	L 3/4
AccuPro/SR-2000 (cone 3)	3 mph	4 feet	J	K	L	L 3/4
Scotts Rotaries R-8, R-8A (cone 3)	3 mph	4 feet	I	I 1/2	J 1/4	J 3/4
Andersons SS-2 Drop	3 mph	overlap wheels	6	7	8	9
Lely Models WTR, WFR, HR, 1250 (PTO at 450 rpm)	4.5 mph	12 feet	4 1/4 IV	4 3/4 IV	5 3/4 IV	6 3/4 IV
Vicon (O3 Series)	4.5 mph	10 feet	15	18	24	30

Note: The above spreader settings were established using standard equipment available from the spreader manufacturer at swath widths and speeds typically used within the industry. It is recommended that all spreader equipment be calibrated at the time of application to achieve the desired application rate.

Recommended Application Rates

Andersons Golf Products Governor Growth Regulator Granular Application Rates 1,2,3

	Residential and Commercial Turf ⁴				Golf Course Fairways (cut at .5 inch or less)				Golf Course Greens				Edging/Banding ⁵			
	Low Rate		High Rate		Low Rate		High Rate		Low Rate		High Rate		Low Rate		High Rate	
	lb. ai/A	lb. prod./1,000 sq. ft.	lb. ai/A	lb. prod./1,000 sq. ft.	lb. ai/A	lb. prod./1,000 sq. ft.	lb. ai/A	lb. prod./1,000 sq. ft.	lb. ai/A	lb. prod./1,000 sq. ft.	lb. ai/A	lb. prod./1,000 sq. ft.	lb. ai/A	lb. prod./1,000 sq. ft.	lb. ai/A	lb. prod./1,000 sq. ft.
Cool-Season⁶																
Bentgrass	0.26	3.51	0.34	4.59	0.09	1.22	0.12	1.62	0.05	0.68	0.07	0.95	0.34	4.59	0.44	5.94
Fescue, Red	0.26	3.51	0.34	4.59	—	—	—	—	—	—	—	—	0.34	4.59	0.44	5.94
Fescue, Tall (KY-31)	0.34	4.59	0.44	5.94	—	—	—	—	—	—	—	—	0.34	4.59	0.44	5.94
Fescue, Tall (Turf Types)	0.26	3.51	0.34	4.59	—	—	—	—	—	—	—	—	0.34	4.59	0.44	5.94
Kentucky Bluegrass	0.26	3.51	0.34	4.59	0.09	1.22	0.12	1.62	—	—	—	—	0.26	3.51	0.34	4.59
Mixture (Bentgrass/ <i>Poa annua</i>)	—	—	—	—	0.09	1.22 ⁶	0.12	1.62	0.05	0.68 ⁶	0.07	0.95	—	—	—	—
Mixture (K. Bluegrass/Fescue, Ryegrass)	0.26	3.51	0.34	4.59	—	—	—	—	—	—	—	—	—	—	—	—
Mixture (K. Bluegrass/Ryegrass/ <i>Poa annua</i>)	—	—	—	—	0.17	2.30 ⁶	0.26	3.51	—	—	—	—	—	—	—	—
Ryegrass, Annual	0.34	4.59	0.44	5.94	—	—	—	—	—	—	—	—	0.34	4.59	0.44	5.94
Ryegrass, Perennial ¹⁰	0.34	4.59	0.44	5.94	0.17	2.30	0.26	3.51	—	—	—	—	0.34	4.59	0.44	5.94
Warm-Season⁹																
Bahiagrass	0.34	4.59	0.44	5.94	—	—	—	—	—	—	—	—	0.34–0.68	4.59–9.18	0.44–0.88	5.94–11.88
Bermudagrass ⁷	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bermudagrass, Common	0.26	3.51	0.34	4.59	0.09	1.22	0.12	1.62	—	—	—	—	0.34–0.68	4.59–9.18	0.44–0.88	5.94–11.88
Bermudagrass, Other Hybrids	0.09	1.22	0.12	1.62	0.07	0.95	0.09	1.22	—	—	—	—	0.17–0.26	2.30–3.51	0.26–0.34	3.51–4.59
Bermudagrass, Tifdwarf	0.07	0.95	0.09	1.22	0.07	0.95	0.09	1.22	0.02	0.27	0.03	0.41	0.17–0.26	2.30–3.51	0.26–0.34	3.51–4.59
Bermudagrass, Tifgreen (328)	0.09	1.22	0.12	1.62	0.07	0.95	0.09	1.22	0.05	0.68	0.07	0.95	0.26	3.51	0.34	4.59
Bermudagrass, Tifway (419)	0.13	1.76	0.17	2.30	0.09	1.22	0.12	1.62	—	—	—	—	0.26	3.51	0.34	4.59
Buffalograss	0.34	4.59	0.44	5.94	—	—	—	—	—	—	—	—	0.34	4.59	0.44	5.94
Carpetgrass	0.09–0.14	1.22–1.89	0.12–0.18	1.62–2.43	—	—	—	—	—	—	—	—	0.17	2.30	0.26	3.51
Centipedegrass	0.17	2.30	0.26	3.51	—	—	—	—	—	—	—	—	0.34	4.59	0.44	5.94
Kikuyugrass	0.10–0.17	1.35–2.30	0.13–0.22	1.76–2.97	0.10	1.35	0.13	1.76	—	—	—	—	0.34	4.59	0.44	5.94
St. Augustinegrass ¹⁰	0.09–0.13	1.22–1.76	0.12–0.17	1.62–2.30	—	—	—	—	—	—	—	—	0.34–0.68	4.59–9.18	0.44–0.88	5.94–11.88
St. Augustinegrass ¹⁰ , Texas Common	0.09	1.22	0.12	1.62	—	—	—	—	—	—	—	—	—	—	0.26	3.51
Zoysiagrass	0.09	1.22	0.12	1.62	0.05	0.68	0.07	0.95	—	—	—	—	0.26	3.51	0.34	4.59

1 Do not exceed a total of 33.8 lbs. per 1000 sq. ft. (2.5 lbs. a.i./A) per year.
2 These rates should provide 50% suppression of turf growth under good growing conditions for 4 weeks with minimal yellowing.
3 Seedheads: At rates equal to or higher than the rates below, this product provides seedhead suppression of hybrid bermudagrass, and partial seedhead suppression of annual bluegrass, bahiagrass, buffalograss, carpetgrass, common bermudagrass, Kentucky bluegrass, and tall fescue. This product must be applied prior to seedhead formation.
4 Including, but not limited to, home lawns, parks, recreation areas, golf course roughs, cemeteries, business sites, and sports fields.
5 For *Poa annua* conversion/renovation, where temporary discoloration can be tolerated, 1.5 times this rate may be applied. Repeat applications of this product may be made as soon as the turf resumes growth or more suppression is desired.
6 Where yellowing of *Poa annua* is a concern, use half this rate and apply more frequently.
7 Bermudagrass overseeding preparation: 2.97 lbs. this product/1,000 sq. ft. (0.22 lb. ai/A) to 3.78 lbs. this product/1,000 sq. ft. (0.28 lb. ai/A).
8 Northern Cool-Season Turf: The best time to apply is in the Spring, beginning mid-April through early May. Best growth regulation begins 3-5 days after the first application. Wait four weeks between any subsequent applications, and discontinue use before the onset of hot weather when the grass growth rate normally slows down on its own. Applications in the Fall can be used, again every four weeks until the grass growth normally slows down with the onset of cool weather.
9 Southern Warm-Season Turf: The best time to apply is Spring through Fall, beginning about one month after grass breaks dormancy. Wait four weeks before making subsequent applications as desired, discontinuing use with the onset of cooler weather, about one month before turf goes dormant.
10 For best results, these turf types must be damp when product is applied.