

100-937

11/27/2009

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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Ms Pat Dinnen
Syngenta Crop Protection
P.O.BOX 18300
Greensboro, NC 27419

NOV 27 2009

Subject: Label Notification(s) for Pesticide Registration Notice 2007-4

Dear Registrant:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notice (PRN) 2007-4 dated September 15, 2009 for:

EPA Registration 100-937

Primo Maxx ®

The Registration Division (RD) has conducted a review of this request for applicability under PRN 2007-4 and finds that the label change(s) requested falls within the scope of PRN-2007-4. The label has been date-stamped "Notification" and will be placed in our records.


Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on nonrefillable containers. The code may appear either on the label (and can be added by non-notification/PR Notice 98-10) or durably marked on the container itself.

If you have any questions, please contact me directly at 703-305-6249 or Banza Djapao of my staff at 703-305-7269.

Sincerely,

A handwritten signature in black ink, appearing to read "Linda Arrington".

Linda Arrington
Notifications & Minor Formulations Team Leader
Registration Division (7505P)
Office of Pesticide Programs

| | | |
|--|--|---|
|  United States Environmental Protection Agency Washington, DC 20460 | <input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other | OPP Identifier Number <hr/> Notification |
| | Application for Pesticide - Section I | |
| | 1. Company/Product Number 100-937 | |

| | |
|---|---|
| 2. EPA Product Manager Joanne Miller | 3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted |
| 4. Company/Product (Name) Primo Maxx | PM# 23 |
| 5. Name and Address of Applicant (Include ZIP Code) Syngenta Crop Protection, Inc. P. O. Box 18300 Greensboro, NC 27419 <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: EPA Reg. No. _____ Product Name _____ |

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

NOTIFICATION

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

Notification of label change per PR Notice 2007-4. This Notification is consistent with the guidance of PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR §§156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if the amended label is not consistent with the requirements of 40 CFR §§156.10, 156.140, 156.144, 156.146, and 156.156, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Syngenta is amending the Storage and Disposal section of the label by Notification according to the directions stated in PR Notice 2007-4.

| Section - III | | | |
|---|--|--|---|
| 1. Material This Product Will Be Packaged In: | | | |
| Child-Resistant Packaging <input type="checkbox"/> Yes* <input 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 | 2. Type of Container <input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____ |
| *Certification must be submitted If "Yes" No. per If "Yes" No. per Unit Packaging wgt. Container Unit Packaging wgt. container | | | |
| 3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container | 4. Size(s) Retail Container 1 gal. and 10 gal. | 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 type="checkbox"/> Lithograph <input checked="" type="checkbox"/> Other <input type="checkbox"/> Pressure Sensitive <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled | | | |

| Section - IV | | |
|--|-----------------------------------|---|
| 1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.) | | |
| Name Pat Dinnen | Title Label Group Leader | Telephone No. (Include Area Code) 336-622-2494 |
| 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 <i>Pat Dinnen</i> | 3. Title Regulatory Specialist | |
| 4. Typed Name Pat Dinnen | 5. Date September 15, 2009 | |

Syngenta Crop Protection
P.O. Box 18300
Greensboro, NC 27419-8300
www.syngenta.com



FedEx

September 15, 2009

Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504P)
U.S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202-4501

Attention: Ms. Linda Arrington

**SUBJECT: PRIMO MAXX®
EPA REG. NO. 100-937
NOTIFICATION OF LABEL CHANGE PER PR NOTICE 2007-4**

Syngenta Crop Protection, Inc. is submitting Notification for Primo Maxx, EPA Reg. No. 100-937. Syngenta is amending the Storage and Disposal section of the label by Notification according to the directions stated in PR Notice 2007-4.

Attached are:

- One copy of the label with the changes clearly marked
- One unmarked copy of the label
- A CD of the unmarked copy of the label for "Electronic Comparison and Review"
- Certificate with Respect to Label Integrity Form
- Completed EPA Form 8570-1

Thank you in advance for approving this Notification. If you have any questions, please contact me at 336-632-2494.

Sincerely,

Pat Dinnen
Label Group Leader
Regulatory Affairs

Enclosures



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Primo MAXX®

For Turf Growth Management

For managing growth, improving quality and stress tolerance, and edging of warm- and cool-season turfgrasses

Active Ingredient:

Trinexapac-ethyl (CAS No. 95266-40-3)..... 11.3%

Other Ingredients:..... 88.7%

Total:..... 100.0%

Primo MAXX is a microemulsion concentrate containing one pound trinexapac-ethyl per gallon.

KEEP OUT OF REACH OF CHILDREN.

NOTIFICATION

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CAUTION

See additional precautionary statements and directions for use inside booklet.

EPA Reg. No. 100-937

EPA Est. 62171-MS-003

Product of Switzerland
Formulated in the USA

SCP 937A-L1F 0309 [1 gallon – Product ID 22534]

SCP 937A-L2E 0309 [10 gallon Link Pak – Product ID 22535]

1 gallon, 10 gallons
Net Contents

Faint, illegible markings or bleed-through from the reverse side of the page.

FIRST AID

If on skin or clothing

- 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 in eyes

- 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.

NOTE TO PHYSICIAN

If a large amount has been ingested, lavage stomach. An aqueous suspension of activated charcoal can be given to absorb remaining toxicant. Treat symptomatically.

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

CAUTION

Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing.

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 C on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves (such as nitrile, butyl, neoprene, or barrier laminate).
- Shoes plus socks

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

Engineering Control Statements

When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean 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. 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 must 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 SYNGENTA CROP PROTECTION, INC. or Seller. To the extent permitted by applicable law, Buyer and User agree to hold SYNGENTA and Seller harmless for any claims relating to such factors.

SYNGENTA 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. To the extent permitted by applicable law: (1) this warranty does not extend to the use of the product contrary to label instructions, or under conditions not reasonably foreseeable to or beyond the control of Seller or SYNGENTA, and, (2) Buyer and User assume the risk of any such use. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS WARRANTED BY THIS LABEL.**

To the extent permitted by applicable law, in no event shall SYNGENTA be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SYNGENTA 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 SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

SYNGENTA 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 SYNGENTA.

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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.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

**The restricted-entry interval (REI) for this product is 0 days.
Do not enter treated areas without footwear until sprays have dried.**

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Do not enter treated areas without footwear until sprays have dried.

Observe all precautions and limitations on this label and on the labels of each product used in tank mixture with this product.

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN UNEVEN GROWTH REDUCTION OR SEVERELY STUNTED TURF.

[Moved Storage and Disposal to end of label.]

USE INFORMATION

Primo MAXX for turf growth management reduces the frequency of mowing and the amount of grass clippings by reducing the vertical growth of warm- and cool-season turfgrasses. Other benefits, such as increased turf density, increased color, and increased turf quality, are frequently observed after Primo MAXX applications.

Primo MAXX can be applied to well-maintained, quality turfgrass areas, such as residential and commercial lawns, golf courses, sod farms, sports fields, cemeteries, and similar areas. Primo MAXX is useful in the management of difficult-to-mow areas and can be used to minimize the need for edging turfgrass along sidewalks, curbs, parking lots, driveways, flower beds, fences and around posts, storage sheds, and trees.

Turf Pre-Stress Conditioning

Multiple Primo MAXX applications along with cultural practices such as fertilization, irrigation, drainage, mowing height, etc., will delay the onset of stress, improve stressed turfgrass survival, and enhance turf's recovery from stress.

Apply Primo MAXX to healthy, actively growing turf before the onset of stress and continue to apply Primo MAXX throughout the growing season as long as the turf remains healthy.

Turfgrass root-mass is often greater in Primo MAXX treated turf than in similar, untreated turf. As turf top growth slows, energy is redirected to below-ground plant parts, and root and rhizome production increases. Research has demonstrated that Primo MAXX may also enhance the performance of fungicides. Monthly applications of Primo MAXX at the label rate or more frequent applications at lower label rates strengthen the turfgrass to help it resist disease. In addition, if mowing is less frequent, and leaf material removal is reduced, contact and systemic products stay at effective concentrations on or in the turf longer.

Multiple applications of Primo MAXX will reduce water use and improve drought tolerance. Primo MAXX applications result in smaller, more compact turfgrass, and leaf area is reduced for transpiration. Increased turf density reduces moisture loss from soil evaporation, and additional soil moisture is available due to increased root depth and mass. Primo MAXX may increase carbohydrate levels which have been shown to enhance heat and cold tolerance. Repeat applications will improve turf quality in areas of reduced light intensity when applications begin while the turf is still healthy.

Primo MAXX reaches the growing point by foliar uptake and is rainfast from rainfall or irrigation after one hour. Watering-in is not necessary for activation.

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

Application Near and Around Monuments and Hardscape Materials:

Primo MAXX, at normal dilution rates, will not stain brass, bronze, concrete, marble, granite, or other types of stone. Before using Primo MAXX around other materials, test on a small scale basis first.

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

Notes: (1) Areas treated with Primo MAXX should continue to receive regular maintenance practices, including irrigation; fertilization; and weed, disease, and insect control when necessary, and as recommended for quality turf. Because some herbicides can injure turf, tank mixes with Primo MAXX should be tested on a small scale before widespread use. (2) Primo MAXX may cause temporary yellowing. This usually disappears about one week after application. To minimize yellowing and to enhance the green color of turf, apply readily available nitrogen at 0.2-0.5 lb. of actual nitrogen per 1,000 sq. ft. If desirable, rates of iron per 1,000 sq. ft. can also be used. (3) Full growth regulation by Primo MAXX begins at about 3-5 days after application.

APPLICATION PROCEDURES / RESTRICTIONS

Applications of Primo MAXX can be made as frequently as weekly during the growing season, however, **DO NOT exceed a total of 7.0 fl. oz./1,000 sq. ft. (305 fl. oz./A; 19.0 pt./A) per year.**

The rates presented in the **Application Rate Table** provide approximately 50% growth inhibition over a 4-week period with little or no discoloration of turf growing under favorable conditions. If applications of Primo MAXX are made on a weekly or biweekly basis, reduce the lowest rate in the table by at least 50% for the first application and monitor the turf growth to adjust application rate for the desired growth suppression.

Application Equipment

Primo MAXX may be applied with backpack sprayers, hand sprayers, boom sprayers, and with spray gun application devices. Clean spray equipment thoroughly before use. Make sure the sprayer is capable of accurate and uniform application. Calibrate the sprayer before applying Primo MAXX. Rinse sprayer with clean water after use and dispose of rinsate in an approved manner.

Application Timing

Apply Primo MAXX to actively growing turf. If turf is going into dormancy because of high or low temperatures or lack of moisture, apply a lower rate of Primo MAXX.

Repeat applications of Primo MAXX may be made as soon as the turf resumes growth or more suppression is desired.

Environmental conditions, management, and cultural practices that affect turf growth and vigor will influence the response of the turf to Primo MAXX applications. Fertility level, moisture availability, plant vigor, height, and frequency of mowing, etc. have been shown to influence the activity of Primo MAXX.

Mowing

Generally, Primo MAXX provides more suppression when turfgrasses are maintained 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. To minimize possible turf injury, apply Primo MAXX, then wait at least 4 hours before mowing or mow first, wait at least 1 hour, then apply Primo MAXX.

Excessive turf growth, which may occur with high fertilization or during spring flushes, may require higher rates of Primo MAXX. Under these conditions, Primo MAXX rates may need to be increased up to 50% to provide an adequate length of control.

For extended growth suppression, when temporary discoloration can be tolerated, a maximum of twice the Primo MAXX rate from the **Application Rate Table** may be applied.

Primo MAXX 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.

MIXING INSTRUCTIONS

Apply Primo MAXX in sufficient carrier (for example 0.5-4.0 gal. of water per 1,000 sq. ft.) to provide uniform and thorough coverage.

Primo MAXX is a microemulsion concentrate (MEC) with minimal odor. Primo MAXX mixes completely with water and may be tank mixed with many commonly-used pesticides and liquid fertilizers. Prepare no more mixture than is necessary for the immediate operation. Once Primo MAXX is uniformly mixed, no further agitation is required when the product is used alone, but agitation may be required for tank mixes. If using Primo MAXX in a tank mixture, observe all directions for use, sites, use rate dilution ratios, precautions, and limitations which appear on the tank mix product's label. Do not exceed any label use rate and follow the most restrictive label precautions and limitations. This product should not be mixed with any product which prohibits such mixing.

Backpack and Hand Sprayers (0.5-4.0 gal. capacity)

Primo MAXX Alone: Add all of the required water to the mix tank. Add the appropriate amount of Primo MAXX, close sprayer, and vigorously shake it. Begin application.

Boom and Hand Gun Sprayers

Primo MAXX Alone: Add all the required amount of water to the spray tank. Then, while agitating, add Primo MAXX.

Primo MAXX + Tank Mixtures: When mixing Primo MAXX with other components (carrier and tank mix pesticide products) add the products to the spray tank using the following procedure:

1. Always check the compatibility of the tank mix using a jar test with proportionate amounts of Primo MAXX, other products to be used, and the water before mixing in the spray tank. Use a clear glass quart jar with lid and mix the tank mix ingredients in their relative proportions. Invert the jar containing the mixture several times and observe the mixture for approximately ½ hour. If mixture balls-up, forms flakes, sludges, gels, oily films or layers, or precipitates, it is not compatible. Do not use the combination in a tank mix.
2. Fill tank at least ½ full of water.
3. Maintain sufficient agitation during filling to keep the tank mix uniformly suspended.
4. Add all products packaged in water-soluble bags first. Allow the packages to dissolve and the contents to completely disperse into the mix water. Then add water-dispersible granules (WG formulations) while maintaining agitation in the mix tank. Next, add wettable powders (WP formulations). Allow the products to disperse completely before other products are added.

5. Add emulsifiable concentrates (EC).
6. Add flowable liquids (FL) or suspension concentrates (SC).
7. Add Primo MAXX.
8. Add spray adjuvants and spray markers. Use surfactants approved for application to turf. Check surfactant label before use.
9. Add the remainder of the water.
10. Do not leave tank mix combinations in the spray tank for prolonged periods without agitation. Mix and apply all of the spray solution on the same day.

Note: Do not mix Primo MAXX with any product which prohibits such mixing. Do not exceed any label application rate and follow the most restrictive label precautions and limitations. Refer to the tank mix partner label(s) for further information.

SPECIFIC USE DIRECTIONS

SUPPRESSION OF ANTHRACNOSE

Primo MAXX can be applied at rates of 0.1 to 0.2 fl. oz. per 1,000 sq. ft. every 7 to 14 days to suppress basal rot anthracnose. Use the lower rate when seedheads are present. For optimal disease control, tank mix with Banner Maxx, Daconil, Medallion or other fungicides registered for the control of anthracnose.

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POA ANNUA CONVERSION / RENOVATION / SEEDHEAD SUPPRESSION

Primo MAXX 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 seedling growth of more desirable turf. The use of Primo MAXX, with appropriate cultural practices, that help to ensure the vigor and growth of new seedlings, will also result in fewer clippings and thus reduce maintenance traffic on new seedlings. Because Primo MAXX is foliarly absorbed, seed germination is not affected. Apply Primo MAXX 1-5 days before seeding; and before verticutting, scalping, spiking, or other similar operations.

Temporary initial discoloration is possible with aggressive application rates of Primo MAXX to turf with *Poa annua*. The following spring, apply the upper end rate of Primo MAXX for the turf type and setting listed in the **Application Rate Table**. Actual conversion success will also depend on growing conditions, fertilization, rainfall, and other agronomic and environmental conditions.

Primo MAXX will keep *Poa annua* seedheads lower in the canopy when applied prior to seedhead emergence. Primo MAXX can be tank mixed with Proxy® (ethephon) for improved seedhead suppression. Apply 0.125 – 0.25 oz/1000 sq. ft. of Primo MAXX + 5.0 oz/1000 sq. ft. of Proxy 3-4 weeks prior to expected seedhead emergence. A follow-up application can be made two weeks after the initial application. See Proxy label for use information and restrictions.

BERMUDAGRASS OVERSEEDING

An application of Primo MAXX to bermudagrass will enhance the establishment of cool-season turfgrasses. Application of Primo MAXX, along with cultural practices that help ensure new seedling vigor and growth, will also result in fewer clippings and less maintenance traffic on new seedlings. Primo MAXX is foliarly absorbed, so germination and seedling growth is not affected.

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

Primo MAXX can be applied post-overseeding to enhance ryegrass establishment and reduce bermudagrass competition on fairways and tees. Apply Primo MAXX at 0.20 to 0.35 oz per 1000 sq. ft. once the ryegrass is about at 85% cover. Approximate timing would be just after the first mowing of the ryegrass. A second application 21-28 days later improves the ryegrass color and density.

Temporary initial discoloration of turfgrass is possible with aggressive application rates of Primo MAXX. Use normal seeding rates for your area and turf setting (lawn, fairway, etc.). Actual overseeding success will also depend on growing conditions, fertilization,

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rainfall, and other agronomic and environmental conditions. For maintenance applications, see the **Application Rate Table**.

APPLICATION WITH TURF MARKING PAINT

Primo MAXX can extend the duration of marking visibility when applied before or with marking agents. Mix Primo MAXX with water first when combining with latex-based marking agents. Refer to the marking agent's product label for further instructions.

Apply Primo MAXX at 1 oz./gal. of marking paint mix to treat approximately 1,000 sq. ft. of line surface area. Refer to the **Primo MAXX + Tank Mixtures** section of this label for additional instructions.

Table 1. Primo MAXX Application Rates^{1,2}

| Turf Type | Residential and Commercial Turf ³ | | Golf Course Fairways (Cut at 0.5" or less) | | Golf Course Greens | | Edging/Banding ⁴ | |
|---|--|-----------|--|-----------|-----------------------|-----------|-----------------------------|-----------|
| | fl. oz./1,000 sq. ft. | fl. oz./A | fl. oz./1,000 sq. ft. | fl. oz./A | fl. oz./1,000 sq. ft. | fl. oz./A | fl. oz./1,000 sq. ft. | fl. oz./A |
| Cool-Season | | | | | | | | |
| Bentgrass | 0.75 | 33 | 0.25 | 11 | 0.125 | 6 | 1.0 | 44 |
| Fescue, Red | 0.75 | 33 | | | | | 1.0 | 44 |
| Fescue, Tall (Ky-31) | 1.0 | 44 | | | | | 1.0 | 44 |
| Fescue, Tall (Turf Types) | 0.75 | 33 | | | | | 1.0 | 44 |
| Kentucky Bluegrass | 0.60 | 26 | 0.25 | 11 | | | 0.75 | 33 |
| Mixture (Bentgrass/Poa annua) | | | 0.25 ⁵ | 11 | 0.125 | 7 | | |
| Mixture (K. Bluegrass/Fescue/Ryegrass) | 0.75 | 33 | | | | | | |
| Mixture (K. Bluegrass/Ryegrass/Poa annua) | | | 0.50 ⁵ | 22 | | | | |
| Ryegrass, Annual | 1.0 | 44 | | | | | 1.0 | 44 |
| Ryegrass, Perennial | 1.0 | 44 | 0.50 | 22 | | | 1.0 | 44 |
| Warm-Season | | | | | | | | |
| Bahiagrass | 1.0 | 44 | | | | | 1-2 | 44-88 |
| Bermudagrass⁶ | | | | | | | | |
| Bermudagrass, Common | 0.75 | 33 | 0.25 | 11 | | | 1-2 | 44-88 |
| Bermudagrass, Other Hybrids | 0.25 | 11 | 0.20 | 9 | | | 0.50-0.75 | 22-33 |

/Continued ...

Table 1. Primo MAXX Application Rates^{1,2} (Continued)

| Turf Type | Residential and Commercial Turf ³ | | Golf Course Fairways (Cut at 0.5" or less) | | Golf Course Greens | | Edging/Banding ⁴ | |
|--|--|-----------|--|-----------|-----------------------|-----------|-----------------------------|-----------|
| | fl. oz./1,000 sq. ft. | fl. oz./A | fl. oz./1,000 sq. ft. | fl. oz./A | fl. oz./1,000 sq. ft. | fl. oz./A | fl. oz./1,000 sq. ft. | fl. oz./A |
| Bermudagrass, Tifdwarf and Ultradwarfs | 0.20 | 9 | 0.20 | 9 | 0.062 | 3 | 0.50-0.75 | 22-33 |
| Bermudagrass, Tifgreen (328) | 0.25 | 11 | 0.20 | 9 | 0.125 | 6 | 0.75 | 33 |
| Bermudagrass, Tifway (419) | 0.38 | 16 | 0.25 | 11 | | | 0.75 | 33 |
| Buffalograss | 1.0 | 44 | | | | | 1.0 | 44 |
| Carpetgrass | 0.25-0.40 | 11-18 | | | | | 0.50 | 22 |
| Centipedegrass | 0.50 | 22 | | | | | 1.0 | 44 |
| Kikuyugrass | 0.30-0.50 | 13-22 | 0.30 | 13 | | | 1.0 | 44 |
| Seashore Paspalum | 0.375 | 16 | 0.125-.25 | 6-11 | 0.08-0.20 | 4-9 | 0.50 | 22 |
| St. Augustinegrass | 0.10-0.15 | 4.50-6.50 | | | | | 0.40-0.80 | 18-36 |
| St. Augustinegrass, Texas Common | 0.10 | 4.5 | | | | | 0.20 | 9 |
| Zoysiagrass | 0.25 | 11 | 0.125 | 6 | | | 0.75 | 33 |

¹These rates should provide 50% suppression of turf growth under good growing conditions for 4 weeks with minimal yellowing.
²Seedheads: At rates equal to or higher than the rates in Table 1, Primo MAXX provides seedhead suppression of hybrid bermudagrass, and partial seedhead suppression of annual bluegrass, bahiagrass, buffalograss, carpetgrass, common bermudagrass, Kentucky bluegrass, and tall fescue. Primo MAXX must be applied prior to seedhead formation. Do not apply more than 7.0 fl. oz./1,000 sq. ft. per year.
³Including, but not limited to home lawns, parks, recreation areas, golf course roughs, cemeteries, business sites, sports fields, and sod farms.
⁴Primo MAXX can be applied along the perimeter of lawns, sidewalks, curbs, parking lots, driveways, posts, storage buildings, pet pens, fences, or other areas. Primo MAXX can be used around trees, shrubs, flower beds, and other border plants or similar areas with no injury. Apply Primo MAXX in an 8 to 12-inch band with a single nozzle sprayer. Use the higher concentration to reduce the growth of the turfgrass into adjacent areas.
⁵Where yellowing of *Poa annua* is a concern, use half this rate and apply more frequently. For *Poa annua* conversion/renovation, where temporary discoloration can be tolerated, twice this rate may be applied.
⁶Bermudagrass overseeding preparation: 0.5 oz./1,000 sq. ft. for golf fairways and tees; 0.25 oz./1,000 sq. ft. for golf greens. Post-overseeding on ryegrass: 0.25 to 0.35 oz./1,000 sq. ft. for fairways and tees.

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Precautions: (1) Do not apply Primo MAXX through any type of irrigation system. (2) Do not graze areas or feed clippings to livestock.

STORAGE AND DISPOSAL

Pesticide Storage and Disposal

Do not contaminate water, food, or feed by storage, disposal, or cleaning of equipment. Pesticide wastes are toxic. Improper disposal of unused pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, they must be disposed of according to federal, state, or local procedures. Contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

Container Disposal Handling [1 Gal.]

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

Container Refilling and Disposal Handling [10 Gal. Link Pak]

~~This is a returnable container. Reseal and return the container to an authorized Syngenta facility. If the container is not to be returned,~~ Non-refillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available or reconditioning, or puncture and dispose of in a sanitary landfill, or dispose of by incineration, or by open burning, if allowed by state and local authorities, by burning. If container is burned, stay keep out of smoke.

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For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes.

CONTAINER IS NOT SAFE FOR FOOD, FEED OR DRINKING WATER.

Primo MAXX®, the Syngenta logo and the CP FRAME [icon] are trademarks of a Syngenta Group Company

Proxy® is a registered trademark of Bayer.

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For non-emergency (e.g., current product information) call
Syngenta Crop Protection at 1-800-334-9481.

Manufactured for:
Syngenta Crop Protection, Inc.
P.O. Box 18300
Greensboro, North Carolina 27419-8300

SCP 937A-L1F 0309 [1 gallon]
SCP 937A-LE 0309 [10 gallon]

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Non-Detachable Container Label

Primo MAXX®

For Turf Growth Management

For managing growth, improving quality and stress tolerance, and edging of warm- and cool-season turfgrasses

| | |
|--|--------|
| Active Ingredient: | |
| Trinexapac-ethyl (CAS No. 95266-40-3)..... | 11.3% |
| Other Ingredients: | 88.7% |
| Total: | 100.0% |

Primo MAXX is a microemulsion concentrate containing one pound trinexapac-ethyl per gallon.

KEEP OUT OF REACH OF CHILDREN.

CAUTION

See directions for use in attached booklet.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

EPA Reg. No. 100-937

EPA Est. 62171-MS-003

SCP 937A-L1F 0309 [1 gallon]

SCP 937A-LE 0309 [10 gallon]

1 gallon, 10 gallons
Net Contents

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PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing.

FIRST AID

If on skin or clothing

- 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 in eyes

- 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.

NOTE TO PHYSICIAN

If a large amount has been ingested, lavage stomach. An aqueous suspension of activated charcoal can be given to absorb remaining toxicant. Treat symptomatically.

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

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. Do not contaminate water when disposing of equipment wash water. Do not apply when weather conditions favor drift from treated areas.

Container Disposal Handling [1 Gal.]

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

Container Refilling and Disposal Handling [10 Gal. Link Pak]

~~This is a returnable container. Reseal and return the container to an authorized Syngenta facility. If the container is not to be returned,~~ Non-refillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available or reconditioning, or puncture and dispose of in a sanitary landfill, or dispose of by incineration, or by open burning, if allowed by state and local authorities, by burning. If container is burned, staykeep out of smoke.

See Primo MAXX label booklet for pesticide disposal instructions.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes.

CONTAINER IS NOT SAFE FOR FOOD, FEED OR DRINKING WATER.

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["Product of" & "Formulated in" are optional if you need space on the container label.]
Product of Switzerland
Formulated in the U.S.A.

23/23

Manufactured for:
Syngenta Crop Protection, Inc.
P.O. Box 18300
Greensboro, North Carolina 27419-8300

PRI MAX 937A L1F-L2E 0309 CLEAN – df – 6/11/09
PRI MAX 937A L1F-L2E 0309 PRN2007-4 NOTIF-SEP2009 – pl – 9/15/09