



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

November 10, 2021

Bradley Keffer
Regulatory Manager
Turf Care Supply Corp
50 Pearl Road, Suite 200
Brunswick, OH 44212

Subject: Registration Review Label Amendments for ATRAZINE Incorporating Mitigation Measures from the Interim Decision and the Technical Registrants' Commitments for the Endangered Species Act (ESA) Biological Evaluation
Product Name: GROWSTAR ATRAZINE 1.05% PLUS FERTILIZER
EPA Registration Number: 82757-1
Application Date: August 19, 2021
Decision Number: 577910

Dear Mr. Keffer

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the ATRAZINE Interim Decision and with the technical registrants' commitments for the ESA Biological Evaluation. The Agency has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only

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distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

If you have any questions about this letter, please contact DeMariah Koger at koger.demariah@epa.gov.

Sincerely,

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

Linda Arrington, Branch Chief
Risk Management and Implementation Branch 4
Pesticide Re-Evaluation Division
Office of Pesticide Programs

Enclosure



ACCEPTED
 11/10/2021
 Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 82757-1

Atrazine 1.05% Plus Fertilizer

50 Pounds covers up to 15,240 Sq Ft of Turfgrass. Prevents Crabgrass, Paspalums, and Spotted Spurge. Controls Dollarweed, Florida Pusley, Lippia, Pigweed and over forty-five more weeds as listed.

A WEED & FEED FOR ST. AUGUSTINE GRASS AND CENTIPEDE GRASS LAWNS.

ACTIVE INGREDIENTS:

Atrazine; 2-chloro-4-ethylamino-6-isopropylamino-s-triazine 1.05%
 Related active triazine compounds 0.04%

OTHER INGREDIENTS: 98.91%
 Total 100.00%

ATRAZINE GROUP 5 HERBICIDE

(Optional Language: Greens Grade, Fairway, Professional Turf Fertilizer)

GUARANTEED ANALYSIS X-X-X

TOTAL NITROGEN (N)	XX.XX%
XX.XX% Ammoniacal Nitrogen	
XX.XX% Urea Nitrogen*	
XX.XX% Water Insoluble Nitrogen	
XX.XX% Water Soluble Controlled Release Nitrogen	
AVAILABLE PHOSPHATE (P₂O₅)	XX.XX%
SOLUBLE POTASH (K₂O)	XX.XX%
MAGNESIUM (Mg) Total	XX.XX%
XX.XX% Water Soluble Magnesium	
SULFUR (S) Total	XX.XX%
XX.XX% Free Sulfur	
XX.XX% Combined Sulfur	
COPPER (Cu) Total	XX.XX%
XX.XX% Soluble Copper	
IRON (Fe) Total	XX.XX%
XX.XX% Water Soluble Iron	
MANGANESE (Mn) Total	XX.XX%
XX.XX% Water Soluble Manganese	
ZINC (Zn) Total	XX.XX%
XX.XX% Soluble Zinc	
DERIVED FROM: XXXXX, XXXXX, XXXXX, XXXXX, etc.	
CHLORINE (Cl) Max.	XX.XX%
*XX.XX% Slowly available XXXXX from XXXXX	

THIS PRODUCT IS NOT INTENDED FOR RETAIL SALE

In the state of Florida, it is recommended that the user of this product follow the Green Industries and Golf Course Best Management Practices Found at:
http://www.dep.state.fl.us/water/nonpoint/docs/nonpoint/BMP_Book_final.pdf
<http://www.dep.state.fl.us/water/nonpoint/docs/nonpoint/glfbmp07.pdf>

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.

Endangered Species: It is a Federal offense to use any pesticide in a manner that results in an unauthorized "take" (e.g., kill or otherwise harm) of an endangered species under the Endangered Species Act section 9. When using this product, you must follow the measures contained in the Endangered Species Protection Bulletin for the area in which you are applying the product. You must obtain a Bulletin no earlier than six months before using this product. To obtain Bulletins, consult <http://www.epa.gov/espp/>, call 1-844-447-3813, or email ESPP@epa.gov. You must use the Bulletin valid for the month in which you will apply the product.

Weed Resistance Management: For resistance management, Atrazine is a Group 5 herbicide. Any weed population may contain or develop plants naturally resistant to Atrazine and other Group 5 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same field. Appropriate resistance management strategies should be followed.

To delay herbicide resistance take one or more of the following steps:

- Rotate the use of TCS GrowStar Atrazine 1.05% Plus Fertilizer or other Group 5 herbicides within a growing season sequence or among growing seasons with different herbicide groups that control the same weeds in a field.
- Use tank mixtures with herbicides from a different group if such use is permitted; where information on resistance in target weed species is available, use the less resistance-prone partner at a rate that will control the target weed(s) equally as well as the more resistance-prone partner. Consult your local extension service or certified crop advisor if you are unsure as to which active ingredient is currently less prone to resistance.
- Adopt an integrated weed-management program for herbicide use that includes scouting and uses historical information related to herbicide use and crop rotation, and that considers tillage (or other mechanical control methods), cultural (e.g., higher crop seeding rates; precision fertilizer application method and timing to favor the crop and not the weeds), biological (weed-competitive crops or varieties) and other management practices.
- Scout after herbicide application to monitor weed populations for early signs of resistance development. Indicators of possible herbicide resistance include: (1) failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds; (2) a spreading patch of non-controlled plants of a particular weed species; (3) surviving plants mixed with controlled individuals of the same species. If resistance is suspected, prevent weed seed production in the affected area by an alternative herbicide from a different group or by a mechanical method such as hoeing or tillage. Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment when moving between fields, and planting clean seed.
- If a weed pest population continues to progress after treatment with this product, discontinue use of this product, and switch to another management strategy or herbicide with a different mode of action, if available.
- Contact your local extension specialist or certified crop advisors for additional pesticide resistance management and/or integrated weed-management recommendations for specific crops and weed biotypes.
- For further information or to report suspected resistance, contact Turf Care Supply Corp at 1 (877) 220-1014 or at www.TurfCareSupply.com.

Restrictions: When applying multiple products containing Atrazine active ingredient (a.i.), the total pounds of atrazine a.i. applied in pounds of atrazine a.i. per acre may not exceed 4 pounds of atrazine a.i. from all applications made in a year.

Use on roadsides; Conservation Reserve Program (CRP) land; conifers, including Christmas Tree plantings; timber; forestry; and, Miscanthus and other perennial bioenergy crops is prohibited.

Prohibit application via mechanically pressurized handguns to macadamia nuts, sweet corn, and guava.

Aerial application is prohibited.

For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Not for use in the states of Hawaii or Alaska, or in the U.S. territories (Puerto Rico, Guam, American Samoa, the U.S. Virgin Islands, and the North Mariana Islands)

KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID

If swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
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. • 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 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.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact PERS at 1-800-633-8253 for emergency medical treatment information.

User Safety Recommendations

Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should 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.

ENVIRONMENTAL HAZARDS

NON-TARGET ORGANISM ADVISORY STATEMENT: This product is toxic to plants and may adversely impact the forage and habitat of non-target organisms, including pollinators, in areas adjacent to the treated site. Protect the forage and habitat of non-target organisms by following label directions intended to minimize spray drift.

Atrazine can travel (seep or leach) through soil and can enter ground water which may be used as drinking water. Atrazine has been found in ground water. Users are advised not to apply Atrazine on sand and loamy sand soils where the water table (ground water) is close to the surface and where these soils are very permeable; i.e., well-drained. Your local agricultural agencies can provide further information on the type of soil in your area and the location of ground water.

This pesticide is toxic to aquatic invertebrates. 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 apply when weather conditions favor drift from treated areas. Runoff and drift from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment wash water.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed or absorbed through skin or inhaled. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Avoid breathing dust.

Do not apply granular lawn products by hand. Avoid contact with hands or skin.

Broadcast applications must NOT be made using hand-held devices, such as a belly grinder or handheld rotary applicator. Such equipment may only be used for spot treatments.

PERSONAL PROTECTIVE EQUIPMENT (PPE): Loaders, applicators and other handlers must wear long-sleeved shirt and long pants, shoes and socks. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

EPA REG. NO. 82757-1	# XXXXXX
EPA EST. NO. 82757-FL-001 (S) First letter of lot code indicates manufacturing site.	
Manufactured by: Turf Care Supply Corp. - 422 Webster Turn Drive - Sebring, FL 33870	



Atrazine 1.05% Plus Fertilizer

Restrictions (continued)

ANY USE OF THIS PRODUCT IN AN AREA WHERE USE IS PROHIBITED IS A VIOLATION OF FEDERAL LAW. Before using this product, you must consult the Atrazine Watershed information Center (AWIC) to determine whether the use of this product is prohibited in your watershed. AWIC can be accessed through www.atrazine-watershed.info or 1-866-365-3014. If use of this product is prohibited in your watershed, you may return this product to your point of purchase or contact Turf Care Supply Corp. for a refund.

Turfgrass at Residential Sites (including homes, daycare facilities, schools, playgrounds, parks, recreational areas, and sports fields.)

This product must be watered in immediately after application. Watering-in must be performed by the commercial applicator or the commercial applicator must provide the following instructions to the resident or owner in writing:

- Residential turf, granular formulations- reduce the single maximum application rate to 2.0 lbs ai/A
- Residential turf, sprays – reduce the single maximum application rate to 1.0 lb ai/A
- This product must be watered in immediately.
- Do not enter or allow others (including children or pets) to enter the treated areas (except those involved in the watering) until the watering-in is complete and the surface is dry.

Dry bulk fertilizer- Restrict the impregnation of dry bulk commercial fertilizer to 340 tons per worker per day for no more than 30 days per calendar year for use on corn, sorghum, and sod. Sorghum- Do not apply atrazine and propanazine products to the same sorghum acre.

Applications made by backpack-spray to landscape turf- Restrict backpack application to landscape turf to spot treatments only.

WEEDS CONTROLLED OR SUPPRESSED

Annual Bluegrass (<i>Poa annua</i>)	Cutleaf Evening Primrose	Oxalis (<i>Common and Yellow Woodsorrel</i>)
Annual Sowthistle	Dichondra	Pigweed
Clover	Dollarweed	Purslane
Black Medic	Florida Beggarweed	Ragweed
Blue Toadflax	Florida Betony	Red Sorrel
Bull Paspalum	(<i>Rattlesnake Weed</i>)	Rescuegrass
Buckhorn Plantain	Florida Pusley	Sandspur
Bur Clover	Fragrant Cudweed	Shepherds Purse
Carolina Geranium (<i>Cranesbill</i>)	(<i>Rabbit Tobacco</i>)	Sicklepod
Chickweed (<i>Common and Mouse Ear</i>)	Henbit	Spotted Spurge
Cocklebur	Knotweed	Spurweed
Common Dandelion	Lambsquarter	Stinging Nettle
Common Purslane	Lespedeza	Swinecrest
Crabgrass	Lippia (<i>Matchweed</i>)	Venus Looking Glass
Crowfoot Grass	Moneywort	Virginia Creeper
Cudweed	Morning Glory	Wild Mustard
	Narrowleaf Vetch	Wood Sorrel
	Parsley-Piert	

NON-AGRICULTURAL 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 or allow others to enter the treated area until dusts have settled. If soil incorporation is required after the application, do not enter or allow others to enter the treated area (except those persons involved in the incorporation) until the incorporation is complete. If the incorporation is accomplished by watering-in, do not enter or allow others to enter the treated area until the surface is dry after the watering-in.

IMPORTANT: In addition to providing turfgrass with required plant nutrients this product will control both "weeds that are present" and "weeds germinating from seeds".

FOR WEEDS THAT ARE PRESENT: Includes broadleaf weeds from the list such as: Chickweed, Creeping Charlie, Dandelion, Evening Primrose, Florida Betony, Florida Pusley, Lippia, Oxalis, Pigweed, Plantain, Rabbit Tobacco, and Toadflax.

FOR WEEDS GERMINATING FROM SEEDS: Applied before weed seeds germinate, includes grassy weeds from the list such as: Crabgrass, Paspalum, and Spotted Spurge.

WHERE TO USE

FOR CONTROL of weeds in St. Augustine and Centipede grass in or on residential lawns, corporate lawns, parks, recreational areas, golf course, cemeteries, and athletic fields.

NOT FOR USE on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

NOT FOR USE on Bluegrass, Fescue, Bentgrass, Bahiagrass, Ryegrass, Bermudagrass, or Dichondra lawns.

WHEN TO APPLY

Best weed control will result if applied before weeds sprout since the product acts as a "pre-emergent" and also as a "post-emergent" herbicide. Established weeds are harder to kill and may require an additional application in the fall or spring. For newly seeded centipede, wait until grass has been mowed at least once. Do not plant "sprigs" within one month after application, or seed within 6 months after application. For broadleaf weeds apply anytime the weeds are present and actively growing. Apply in early Spring for best control (January 1st – March 1st), otherwise it may be applied up to June 15th with good weed control.

For pre-emergence weed control (see above) apply before seeds germinate. A fall application will be needed for control of certain annuals such as Chickweed, Henbit, Rabbit Tobacco, Florida Betony and Evening Primrose. In case of heavy weed infestation or low soil moisture, a repeat application may be necessary. Wait 2 months for a repeat application. Apply when air is calm to prevent particle wind drift. Apply this product only when grass blades are dry. To verify proper application timing consult your State Agricultural Extension Service, Turfgrass Specialist.

USE PRECAUTIONS

Sweep product off walks and painted surfaces following application to avoid possible discolorations. Do not apply this product on or over the root zone of ornamental trees and shrubs, nor to bedding plants, flowers, or garden plants since injury to these plants may result. Do not apply to lawns containing grasses or mixtures of grasses other than St. Augustine or Centipede grasses, since injury to those other grasses may result.

DO NOT APPLY THIS PRODUCT IN A WAY THAT WILL CONTACT ANY PERSON OR PET, EITHER DIRECTLY OR THROUGH DRIFT. KEEP PEOPLE AND PETS OUT OF THE AREA DURING APPLICATION. THIS PRODUCT MUST BE WATERED IN IMMEDIATELY AFTER APPLICATION. DO NOT ENTER OR ALLOW OTHERS (INCLUDING CHILDREN OR PETS) TO ENTER THE TREATED AREAS (EXCEPT THOSE INVOLVED IN THE WATERING) UNTIL THE WATERING-IN IS COMPLETE AND THE SURFACE IS DRY.

HOW TO APPLY

Apply 3.27 lbs to 4.37 lbs product uniformly over 1,000 sq ft of lawn area (equivalent to 1.5 – 2.0 lb Atrazine a.i. per acre). Use the lower rate for average weed problems; the higher rate for heavy weed populations. Do not exceed listed rates. Do not apply more than 4 lb a.i. Atrazine (2 application at 4.37 lbs product rate) per acre per year. Apply to dry grass. This product must be watered in immediately after application.

Application with rotary or pendulum spreaders is suggested for uniform distribution. Consult your spreader manual or spreader manufacturer to determine proper application rates and spreader settings. You may need to adjust the setting depending on the walking speed, spreader condition, and product.

After application, sweep or blow any residual fertilizer on paved or other surfaces back onto the turf area.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store product in original labeled container in a cool, dry, locked place out of reach of children.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticide disposal or in accordance with applicable Federal, State and/or local procedures. Or call (1-800-CLEANUP) for disposal instructions. Never place unused product down any indoor or outdoor drain.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available.

SPILL: In case of spill, sweep up material and dispose of material according to "product disposal" directions listed above.

WARRANTY

Turf Care Supply Corp. warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label only when used in accordance with label directions under normal conditions of use. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW TURF CARE SUPPLY CORP. MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES EITHER OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE. Handling, storage and use of the product by Buyer or User are beyond the control of Turf Care Supply Corp. and Seller. Risks such as crop injury, ineffectiveness or other unintended consequences resulting from, but not limited to, weather or soil conditions, presence of other materials, disease, pest, drift to other crops or property or failure to follow label directions will be assumed by the Buyer or User. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, IN NO CASE WILL TURF CARE SUPPLY CORP. OR SELLER BE HELD LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE, OR USE OF THIS PRODUCT.

Information concerning the raw materials contained in this product can be obtained by writing to: Turf Care Supply Corp., Attn: EHS Dept., 50 Pearl Road, Suite 200, Brunswick, Ohio 44212, referring to the item number found on this bag.

If this product is being sold in a state requiring the publication of information regarding its metal content, information regarding the contents and levels of metals in this product is available at the following website: <http://www.aapfco.org/metals.htm> or by calling 1-877-220-1014.

TCS GrowStar® is a Registered Trademark of Turf Care Supply Corp.

EPA REG. NO. 82757-1

EPA EST. NO. 82757-FL-001 (S)

First letter of lot code indicates manufacturing site.

F1595

Manufactured by:

Turf Care Supply Corp.

422 Webster Turn Drive

Sebring, FL 33870

#XXXXXXXX

Net Weight XX LBS (XXXX KG)