



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

November 10, 2021

Bill Washburn
Registration Manager
Helena Agri-Enterprises, LLC
225 Schilling Blvd., Suite 300
Collierville, TN 38017

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: Pro-Mate Atrazine 0.5% With Fertilizer
EPA Registration Number: 5905-562
Application Date: October 16, 2020
Decision Number: 567015

Dear Mr. Washburn:

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.

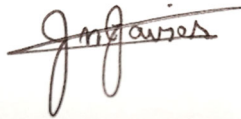
A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or 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 Anna Romanovsky at romanovsky.anna@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Julie Javier", written over a horizontal line.

Julie Javier, Team Leader
Risk Management and Implementation Branch 4
Pesticide Re-Evaluation Division
Office of Pesticide Programs

Enclosure



ATRAZINE 0.5% WITH FERTILIZER
Intended for Commercial Use

- Controls Grassy and Broadleaf Weeds While Feeding Your Turfgrass with a Premium Blend of Fertilizer Nutrients That Provide Quick and Extended Greening-
- Contains Atrazine Plus Fertilizer for use in growing thick, Green, Weed-Free Turf: For Use on St. Augustine (including Floratam), Carpetgrass, Centipede and Zoysia Turf Only.
- Controls Dollarweed, Florida Pusley, Lippa, Pigweed and certain Broadleaf Weeds: Two Products in One-Kills the Weeds-Feeds the Turf.
- Prevents Crabgrass, Paspalum, and Spotted Spurge and over 40 other weeds.
- Do not use on Bahiagrass, Bermudagrass, Bluegrass, Fine Fescue, Bentgrass, Ryegrass, Tall Fescue or Dichondra Turfgrasses.
- 25 lbs-Treats and Fertilizes Covers 5,500 sq. ft.

ACTIVE INGREDIENTS:

Atrazine.....	0.50%
Related Compounds.....	0.02%
Other ingredients.....	99.48%
TOTAL:	100.00%

Contains 10 lbs. of Atrazine per ton. This is equivalent to an actual application rate of 1 lb. Atrazine a.i./acre when used according to directions.
 CAS # 1912-24-9

KEEP OUT OF REACH OF CHILDREN.

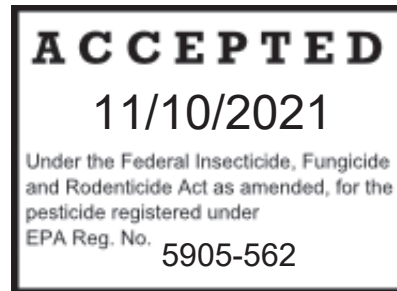
CAUTION

See (Below) (Back Panel) (Side Panel) for Additional Precautionary Statements

EPA Reg. No. 5905-562
 EPA Est. No. 5905-FL-013
 AD 020311

Net Content: 50 lbs

MANUFACTURED FOR:
HELENA AGRI-ENTERPRISES, LLC
225 SCHILLING BOULEVARD, SUITE 300
COLLIERVILLE, TENNESSEE 38017



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 do so by a poison control center or doctor.• Do not give anything 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 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.• 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

HOT LINE

NOTE: When calling poison control center, have this product label accessible. If seeking treatment at an emergency room or doctor's office, bring this product label to show medical personnel. In case of emergency call ChemTrec at 800-424-9300.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed, inhaled, or absorbed through skin. Do not breathe dust. Avoid contact with eyes, skin, or clothing. Causes moderate eye irritation.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Loaders, applicators and other handlers must wear:

- Long-sleeved shirt and long pants and
- Shoes plus socks

USER SAFETY REQUIREMENTS:

Follow manufacture's instructions for cleaning and maintaining PPE. If no such instructions for washables exist, use detergents 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 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

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 to sand and loamy 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.

Product must not be mixed or loaded within 50 feet of intermittent streams and rivers, natural or impounded lakes and reservoirs. Product must not be applied within 66 feet of points where field surface water runoff enters perennial or intermittent streams and rivers or within 200 feet of natural or impounded lakes reservoirs. If this product is applied to highly erodible land, the 66 foot buffer or set back from runoff entry points must be planted to crop, or seeded with grass or other suitable crop.

Product must not be mixed, loaded or used within 50 feet of all wells, including abandoned wells, drainage wells, and sink holes. Operations that involve mixing, loading, rinsing, or washing of this product into or from pesticide handling or

application equipment or containers within 50 feet of any well are prohibited, unless conducted on an impervious pad constructed to withstand the weight of the heaviest load that may be positioned on or moved across the pad. Such a pad shall be designed and maintained to contain any product spills or equipment leaks, container or equipment rinse or wash water, and rain water that may fall on the pad. Surface water shall not be allowed to either flow over or from the pad which means the pad must be self-contained. The pad shall be sloped to facilitate material removal. An unroofed pad shall be of sufficient capacity to contain a minimum of 110% of the capacity of the largest pesticide container or application equipment on the pad. A pad that is covered by a roof of sufficient size to completely exclude precipitation from contact with the pad shall have a minimum containment of 100% of the capacity of the largest pesticide container or application equipment on the pad. Containment capacities as described above shall be maintained at all times. The above-specified minimum containment capacities do not apply to vehicles when delivering pesticide to the mixing/loading site.

Additional State imposed requirements regarding well-head setbacks and operational area containment must be observed.

This product 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 cleaning equipment or disposing of equipment washwaters.

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.

DIRECTIONS FOR USE

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

For use by Commercial/Professional Applicators on Golf courses, Turfgrass management, Residential turfs, Municipality management areas, Recreational and Sports fields. Not for use on plants being grown (1) for sale or other commercial use (2) for commercial seed production (3) for research purposes.

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).

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

Aerial application is prohibited.

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 must return this product to your point of purchase or contact Helena Agri-Enterprises, LLC for refund.

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 1.055% Granular Herbicide and Lawn Fertilizer contains atrazine (Group 5 herbicide). Any weed population may contain or develop plants naturally resistant to Atrazine 1.055% Granular Herbicide and Lawn Fertilizer 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 Atrazine 1.055% Granular Herbicide and Lawn 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 Helena Agri-Enterprises, LLC representatives at 901-761-0050 or at www.helenaagri.com.

Fields should be scouted prior to application to identify the weed species present and their growth stage to determine if the intended application will be effective.

Fields should be scouted after application to verify that the treatment was effective.

Suspected herbicide-resistant weeds may be identified by these indicators:

- Failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds;
- A spreading patch of non-controlled plants of a particular weed species; and
- Surviving plants mixed with controlled individuals of the same species.

Report any incidence of non-performance of this product against a particular weed species to your Helena Agri-Enterprises representative or call 901-761-0050. If resistance is suspected, treat weed escapes with an herbicide having a different mechanism of action and/or use non-chemical means to remove escapes, as practical, with the goal of preventing further seed production.

Plant into weed-free fields and keep fields as weed-free as possible.

To the extent possible, use a diversified approach toward weed management. Whenever possible incorporate multiple weed-control practices such as mechanical cultivation, biological management practices, and crop rotation.

Fields with difficult to control weeds should be rotated to crops that allow the use of herbicides with alternative mechanisms of action or different management practices.

To the extent possible do not allow weed escapes to produce seeds, roots or tubers. Manage weed seeds at harvest and post-harvest to prevent a buildup of the weed seedbank.

Prevent field-to-field and within-field movement of weed seed or vegetative propagules. Thoroughly clean plant residues from equipment before leaving fields.

Prevent an influx of weeds into the field by managing field borders.

Identify weeds present in the field through scouting and field history and understand their biology. The weed-control program should consider all of the weeds present.

Difficult to control weeds may require sequential applications of herbicides with differing mechanisms of action.

Apply this herbicide at the correct timing and rate needed to control the most difficult weed in the field.

Use a broad-spectrum soil-applied herbicide with a mechanism of action that differs from this product as a foundation in a weed-control program. Do not use more than two applications of this or any other herbicide with the same mechanism of action within a single growing season unless mixed with an herbicide with another mechanism of action with an overlapping spectrum for the difficult-to-control weeds.

PRECAUTIONS AND RESTRICTIONS:

Do not apply more than 1.0 lb of active ingredient per acre for any application. When applying this product do not exceed 25 lbs per 5,500 sq. ft per application. Do not make more than two applications per acre per year. Do not apply more than 2.0 lbs of active ingredient per acre (50 lbs. of product per 5,500 sq. ft.) per year. Do not apply this product in a manner that will allow it to contact any person or pet directly or through drift. Keep persons and pets out of the application area. This product must be watered in immediately after application.

Turfgrass at Commercial and Residential Sites (including homes, daycare facilities, schools, playgrounds, parks, recreational areas, municipality management area, 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.

- This product must be watered in immediately
- Do not enter or allow others (including children or pets) to enter treated areas (except those involved in the watering) until the watering-in is complete and the surface is dry.

Entry Restrictions

Do not enter or allow other to enter the treated areas until dusts have settled. If incorporation of the soil 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 incorporation of product 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.

APPLICATION EQUIPMENT RESTRICTIONS:

Do not apply Atrazine containing granular turf products by hand. Do not allow product to come in contact with hands. Granular turf products containing Atrazine can be applied by hand held devices (e.g. belly grinder) for spot treatments only.

WEEDS CONTROLLED OR SUPPRESSED:

Annual Sowthistle	Knotweed
Black Medic	Lambsquarter
Blue Toadflax	Lespedeza Mat a
Buckhorn Plantain	Lippia (Matchweed)
Burclover	Morningglory
Bull Paspalum	Moneywort
Crowsfoot Grass	Narrowleaf Vetch
Carolina Geranium (Cranesbill)	Oxalis, Common (Yellow Woodsorrel)
Carpetweed	Parsley-Piert
Chickweed, Common	Pigweed
Chickweed, Mouseear	Pepperweed
Clover, Annual	Red Sorrel
Common Purslane	Rescue grass
Cudweed	Sandspur
Cutleaf Evening Primrose	Shepherdspurse
Dandelion	Sicklepod
Dichondra	Sowthistle, Annual
Dollarweed	Spurweed
Florida Betony (Rattlesnake weed)	Stinging Nettle
Florida Beggarweed	Swinecrest
Florida Pusley	Venus Looking Glass
Fragrant Cudweed (Rabbit Tobacco)	Virginia Creeper
Henbit	Wild Mustard
	Wood Sorrel

Stops These Weeds Before They Start

Annual Bluegrass (Poa annua)	Rescuegrass
Bull Paspalum	Sandspur
Crabgrass	Sedges
Foxtail	Spotted Spurge

WHERE TO APPLY:

Before You Use: Read and follow directions when using. **Use this product ONLY on Carpetgrass, Centipede, St. Augustine (including Floratam) and Zoysia turfgrasses-other grass types could be injured.**

Newly Seeded Centipede grass: Wait until grass has been mowed at least once. Do not "plug or sod " within one month after application or seed within 6 months after application. Do not plant any crop (flower or vegetable gardens) to treated areas for 18 months or injury may result. **DO NOT USE ON BLUEGRASS, FESCUE, BENTGRASS, BAHIA, RYE, BERMUDA, OR DICHONDRA TURGRASSES.**

Special Ornamental Use Precautions:

Do not allow product to get below the branch spread of trees, on or over the root zone of shrubs, bedding plants, flowers or garden plants as the roots in this area could pick up the product and injure the plant. Water in after applying. Do not plant flowers or vegetables in treated areas for 18 months after using this product-they may be injured. Avoid contact with hands or skin.

HOW TO APPLY:

This product may be applied with either a drop type or broadcast type spreader. Apply 25 lbs per 5,500 sq. ft (equivalent to 1 lb. a.i. per acre) evenly across entire turf. Do not apply more than two applications per year. Do not apply more than 50 lbs. per 5,500 sq. ft. (equivalent to 2 lbs. a.i. per acre). Immediately water the material in to get product into the soil profile as well as to wash product off the grass blades.

How To Use: Adjust spreader to the proper setting (see Spreader Settings). To be sure you cover the entire area uniformly, first treat the border of the turf then fill in the center. Make parallel passes, walking at a steady pace to ensure even distribution of the granules.

SPREADER SETTINGS

BROADCAST SPREADERS

5 lbs. /1,000 sq. ft. Distance Between Passes (ft.)

Model	Setting	Distance Between passes (ft.)
Scotts Speedy Green 2000/3000	X	2.5
Republic EZ Rotary (#540)	X	9
Ortho Rotary	X	9
Precision Rotary #SB50	X	2
Red Devil Rotary	X	2
Sta-Green Rotary #SB4500	X	2
True Temper Rotary	X	3

DROP SPREADERS

5 lbs. /1,000 sq. ft.

Model	Setting	Distance Between passes (ft.)
Scotts AccuGreen 1000/2000	XX	
Scotts AccuGreen 3000	XX	Slightly
Scotts Drop (#PF-1, PF-2, PF-3, PF-4)	XX	
Republic EZ Drop (#530)	XX	Overlap
Sears Drop	XX	
Ortho Drop	XX	Passes
Sta-Green Drop #DS4500	XX	

NOTE: Spreaders with similar colors are considered equivalent.

Settings are approximate. The condition of your spreader, the speed at which you walk and uneven terrain may affect the rate of application.

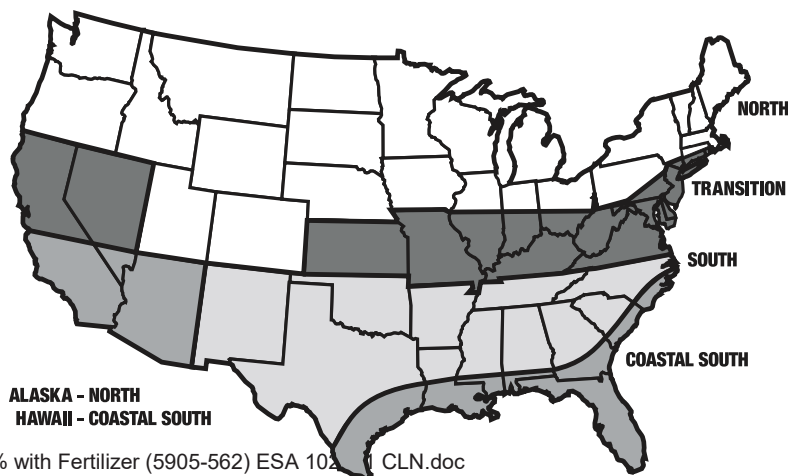
Calibrate your spreader according to manufacturer's directions.

TIP 1,000 sq. ft. = 20 X 50 ft.

Do not use a spreader that applies granules in narrow, concentrated or uneven bands. Be sure the spreader works properly and spreads granules evenly.

WHEN TO APPLY

For Best Results: Best results are obtained when this product is used as part of the Helena Agri-Enterprises, LLC Turf care program. Apply before weeds come up. To prevent Crabgrass, Bull Paspalum, sedges, Foxtail and Spotted Spurge, apply between January 1 and March 1 (for best control) although applications made by June 15 will give good control. Apply this product in the fall to control winter weeds such as Henbit, Chickweed, Rabbit Tobacco, Florida Betony and Evening Primrose. Established weeds are more difficult to control and may require an application in the spring and fall. Follow these recommendations with new or refurbished turfs. Apply this product one week after sprigging St. Augustine or Zoysia to prevent competition from germinating weeds. Newly seeded Carpetgrass, Centipede or Zoysia turfs may be treated after the second mowing. After applying **PRO-MATE® ATRAZINE 0.5% WITH FERTILIZER**, wait one month before planting new sprigs and 6 months before sowing new grass seed.



How PRO-MATE® ATRAZINE 0.5% WITH FERTILIZER Works: This product was specially formulated to kill established weeds, stop new weeds before they can start and green, revitalize and thicken the turf. Watering after application activates the product. Established weeds are killed, roots and all, in about 3 weeks and new weeds are prevented for up to 8 weeks.

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 or local procedures. Or, Call your local solid waste agency or 1-800-229-3724 [1-800-CLEANUP].

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. If empty: Place container in trash or offer for recycling if available. If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

GUARANTEED FERTILIZER ANALYSIS

Total Nitrogen (N).....**xx%**
xx% Nitrate Nitrogen
xx% Ammoniacal Nitrogen
xx% Water Soluble Nitrogen (and/or urea Nitrogen)
xx% Water Insoluble Nitrogen xx%

Available Phosphate
(P₂O₅).....**xx%**
Soluble Potash
(K₂O).....**xx%**

Derived from XXXXXXXXXXXXXXXX
Chlorine not more than xx%
Potential Acidity Equivalent to xx lbs. of Calcium Carbonate per ton.

Statement of Secondary Plant Foods
XX
F224

CONDITIONS OF SALE - LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES

Read the Conditions of Sale - Warranty and Limitations of Liability and Remedies before using this product. If the terms are not acceptable, return the product, unopened, and the full purchase price will be refunded.

The directions on this label are believed to be reliable and must be followed carefully. Insufficient control of pests and/or injury to the crop to which the product is applied may result from the occurrence of extraordinary or unusual weather conditions or the failure to follow the label directions or good application practices, all of which are beyond the control of Helena Agri-Enterprises, LLC (the "Company") or seller. In addition, failure to follow label directions may cause injury to crops, animals, man or the environment. The Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purpose referred to in the directions for use subject to the factors noted above which are beyond the control of the Company. To the extent consistent with applicable law, the Company makes no other warranties or representations of any kind, express or implied, concerning the product, including no implied warranty of merchantability or fitness for any particular purpose, and no such warranty shall be implied by law.

To the extent consistent with applicable law, the exclusive remedy against the Company for any cause of action relating to the handling or use of this product shall be limited to, at Helena Agri-Enterprises, LLC's election, one of the following:

1. Refund of the purchase price paid by buyer or user for product bought, or
2. Replacement of the product used

To the extent consistent with applicable law, the Company shall not be liable and any and all claims against the Company are waived for special, indirect, incidental, or consequential damages or expense of any nature, including, but not limited to, loss of profits or income. The Company and the seller offer this product and the buyer and user accept it, subject to the foregoing conditions of sale and limitation of warranty, liability and remedies.

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PRO-MATE® is a registered trademark of Helena Holding Company.



ATRAZINE 0.5% WITH FERTILIZER
Intended for Residential Use

- Controls Grassy and Broadleaf Weeds While Feeding Your Turfgrass with a Premium Blend of Fertilizer Nutrients That Provide Quick and Extended Greening-
- Contains Atrazine Plus Fertilizer for use in growing thick, Green, Weed-Free Turf: For Use on St. Augustine (including Floratam), Carpetgrass, Centipede and Zoysia Turf Only.
- Controls Dollarweed, Florida Pusley, Lippa, Pigweed and certain Broadleaf Weeds: Two Products in One-Kills the Weeds-Feeds the Turf.
- Prevents Crabgrass, Paspalum, and Spotted Spurge and over 40 other weeds.
- Do not use on Bahiagrass, Bermudagrass, Bluegrass, Fine Fescue, Bentgrass, Ryegrass, Tall Fescue or Dichondra Turfgrasses.
- 25 lbs-Treats and Fertilizes Covers 5,500 sq. ft.

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 CAS # 1912-24-9

KEEP OUT OF REACH OF CHILDREN.

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EPA Reg. No. 5905-562
 EPA Est. No. 5905-FL-013
 AD xxxxxx

Net Content: 50 lbs

MANUFACTURED FOR:
HELENA AGRI-ENTERPRISES, LLC
225 SCHILLING BOULEVARD, SUITE 300
COLLIERVILLE, TENNESSEE 38017

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 do so by a poison control center or doctor.• Do not give anything 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 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.• 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

HOT LINE

NOTE: When calling poison control center, have this product label accessible. If seeking treatment at an emergency room or doctor's office, bring this product label to show medical personnel. In case of emergency call ChemTrec at 800-424-9300.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed, inhaled, or absorbed through skin. Do not breathe dust. Avoid contact with eyes, skin, or clothing. Causes moderate eye irritation.

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.

ENVIRONMENTAL HAZARDS

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 to sand and loamy 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 product 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 cleaning equipment or disposing of equipment washwaters.

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."

WEEDS CONTROLLED OR SUPPRESSED:

Annual Sowthistle	Knotweed
Black Medic	Lambsquarter
Blue Toadflax	Lespedeza Mat a
Buckhorn Plantain	Lippia (Matchweed)
Burclover	Morningglory
Bull Paspalum	Moneywort
Crowsfoot Grass	Narrowleaf Vetch
Carolina Geranium (Cranesbill)	Oxalis, Common (Yellow Woodsorrel)
Carpetweed	Parsley-Piert
Chickweed, Common	Pigweed
Chickweed, Mouseear	Pepperweed
Clover, Annual	Red Sorrel
Common Purslane	Rescue grass
Cudweed	Sandspur
Cutleaf Evening Primrose	Shepherdspurse
Dandelion	Sicklepod
Dichondra	Sowthistle, Annual
Dollarweed	Spurweed
Florida Betony (Rattlesnake weed)	Stinging Nettle
Florida Beggarweed	Swinecrest
Florida Pusley	Venus Looking Glass
Fragrant Cudweed (Rabbit Tobacco)	Virginia Creeper
Henbit	Wild Mustard
	Wood Sorrel

Stops These Weeds Before They Start

Annual Bluegrass (Poa annua)	Rescuegrass
Bull Paspalum	Sandspur
Crabgrass	Sedges
Foxtail	Spotted Spurge

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. This product is not for use on plants being grown (1) for sale or other commercial use (2) for production of commercial seed, or (3) for research purposes. This product is not for use on plants intended for aesthetic purposes or climatic modification and being grown in ornamental gardens or lawns.

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).

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

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 must return this product to your point of purchase or contact Helena Agri-Enterprises, LLC for refund.**

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 1.055% Granular Herbicide and Lawn Fertilizer contains atrazine (Group 5 herbicide). Any weed population may contain or develop plants naturally resistant to Atrazine 1.055% Granular Herbicide and Lawn Fertilizer 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 Atrazine 1.055% Granular Herbicide and Lawn 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 Helena Agri-Enterprises, LLC representatives at 901-761-0050 or at www.helenaagri.com.

Fields should be scouted prior to application to identify the weed species present and their growth stage to determine if the intended application will be effective.

Fields should be scouted after application to verify that the treatment was effective.

Suspected herbicide-resistant weeds may be identified by these indicators:

- Failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds;
- A spreading patch of non-controlled plants of a particular weed species; and
- Surviving plants mixed with controlled individuals of the same species.

Report any incidence of non-performance of this product against a particular weed species to your Helena Agri-Enterprises representative or call 901-761-0050. If resistance is suspected, treat weed escapes with an herbicide having a different mechanism of action and/or use non-chemical means to remove escapes, as practical, with the goal of preventing further seed production.

Plant into weed-free fields and keep fields as weed-free as possible.

To the extent possible, use a diversified approach toward weed management. Whenever possible incorporate multiple weed-control practices such as mechanical cultivation, biological management practices, and crop rotation.

Fields with difficult to control weeds should be rotated to crops that allow the use of herbicides with alternative mechanisms of action or different management practices.

To the extent possible do not allow weed escapes to produce seeds, roots or tubers. Manage weed seeds at harvest and post-harvest to prevent a buildup of the weed seedbank.

Prevent field-to-field and within-field movement of weed seed or vegetative propagules. Thoroughly clean plant residues from equipment before leaving fields.

Prevent an influx of weeds into the field by managing field borders.

Identify weeds present in the field through scouting and field history and understand their biology. The weed-control program should consider all of the weeds present.

Difficult to control weeds may require sequential applications of herbicides with differing mechanisms of action.

Apply this herbicide at the correct timing and rate needed to control the most difficult weed in the field.

Use a broad-spectrum soil-applied herbicide with a mechanism of action that differs from this product as a foundation in a weed-control program. Do not use more than two applications of this or any other herbicide with the same mechanism of action within a single growing season unless mixed with an herbicide with another mechanism of action with an overlapping spectrum for the difficult-to-control weeds.

PRECAUTIONS AND RESTRICTIONS:

Do not exceed 25 lbs. of Pro-Mate Atrazine 0.5% with Fertilizer per 5,500 sq. ft. (1 lb. a.i. per acre) per application. Do not make more than two applications per year. Do not apply this product in such a way that it will come into contact with any person or pet either directly or through drift. Keep people and pets out of treated area during application. Pro-Mate Atrazine 0.5% with Fertilizer must be watered in immediately after application.

ENTRY RESTRICTIONS

Do not enter or allow others (including children or pets) to enter the treated areas (except those involved in watering) until watering-in is complete and the surface is dry.

WHEN TO APPLY

To obtain the best weed control from the use of Pro-Mate Atrazine with Fertilizer, products needs to be applied before weeds sprout since the product acts as a Pre-Emergent and also as a Post-Emergent weed killer.

Established weeds are harder to kill and may require an additional treatment in the fall or spring. For best control, apply Pro-Mate Atrazine 0.5% with Fertilizer January 1st up to March 1st, otherwise the product may be applied through June 15th with good weed control results. To control certain annuals such as Chickweed, Henbit, Rabbit Tobacco, Florida Betony and Evening Primrose, a fall treatment will need to be applied.

In the event of heavy weed infestation and or low soil moisture, a repeat application may also be necessary. Mature weeds may take 4 to 5 weeks to be fully killed. A period of two (2) months will need to lapse before a repeat application can be made. Apply Pro-Mate Atrazine 0.5% with Fertilizer when the air is calm to prevent particles from drifting in the wind.

HOW TO APPLY

Pro-Mate Atrazine 0.5% with Fertilizer may be applied with either a drop type or broadcast type spreader. Product needs to be applied evenly across entire lawn at the rate of 25 lbs per 5,500 sq. ft. (1 lb. a.i. per acre). Sprinkle the area lightly with water immediately after application in order to wash granules off the grass blades.

SPREADER SETTINGS 25 lbs./ 5,500 sq. ft.

CYCLONE XX SCOTT XX

WHERE TO USE

Pro-Mate Atrazine 0.5% with Fertilizer is for use only on **Carpetgrass, St. Augustine (including Floratam) and Zoysia Turfgrasses-other grass types could be injured.** On newly seeded Centipede, wait until grass has been mowed at least once. Do not plant "sprigs" within one month after application. Do not sow seed within 6 months after application. Do not plant any crop (flower or vegetable gardens) to treated areas for 18 months after application as injury may result. Apply this product only when grass blades are dry **NOTE: Do not use on Bluegrass, Fescue, Bentgrass, Bahia, Rye, Bermuda, or Dichondra Lawns.**

SPECIAL ORNAMENTAL USE PRECAUTIONS

Do not allow product to get below the branch spread of trees, on or over the root zone of shrubs, bedding plants, flowers or garden plants as the roots in this area could pick up the product and injure the plant. Water in after applying. Do not plant flowers or vegetables in treated areas for 18 months after using this product-they may be injured. Do not apply Pro-Mate Atrazine 0.5% with Fertilizer to lawns containing grasses or mixtures of grasses other than those approved for use as listed above, as injury may result.

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 or local procedures. Or, Call your local solid waste agency or 1-800-229-3724 [1-800-CLEANUP].

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. If empty: Place container in trash or offer for recycling if available. If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

GUARANTEED FERTILIZER ANALYSIS

Total Nitrogen (N).....xx%
xx% Nitrate Nitrogen
xx% Ammoniacal Nitrogen
xx% Water Soluble Nitrogen (and/or urea Nitrogen)
xx% Water Insoluble Nitrogen xx%

Available Phosphate
(P₂O₅).....xx%
Soluble Potash
(K₂O).....xx%

Derived from XXXXXXXXXXXXXXXX
Chlorine not more than xx%
Potential Acidity Equivalent to xx lbs. of Calcium Carbonate per ton.

Statement of Secondary Plant Foods
XX
F224

**CONDITIONS OF SALE - LIMITED WARRANTY
AND LIMITATIONS OF LIABILITY AND REMEDIES**

Read the Conditions of Sale - Warranty and Limitations of Liability and Remedies before using this product. If the terms are not acceptable, return the product, unopened, and the full purchase price will be refunded.

The directions on this label are believed to be reliable and must be followed carefully. Insufficient control of pests and/or injury to the crop to which the product is applied may result from the occurrence of extraordinary or unusual weather conditions or the failure to follow the label directions or good application practices, all of which are beyond the control of Helena Agri-Enterprises, LLC (the "Company") or seller. In addition, failure to follow label directions may cause injury to crops, animals, man or the environment. The Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purpose referred to in the directions for use subject to the factors noted above which are beyond the control of the Company. To the extent consistent with applicable law, the Company makes no other warranties or representations of any kind, express or implied, concerning the product, including no implied warranty of merchantability or fitness for any particular purpose, and no such warranty shall be implied by law.

To the extent consistent with applicable law, the exclusive remedy against the Company for any cause of action relating to the handling or use of this product shall be limited to, at Helena Agri-Enterprises, LLC's election, one of the following:

1. Refund of the purchase price paid by buyer or user for product bought, or
2. Replacement of the product used

To the extent consistent with applicable law, the Company shall not be liable and any and all claims against the Company are waived for special, indirect, incidental, or consequential damages or expense of any nature, including, but not limited to, loss of profits or income. The Company and the seller offer this product and the buyer and user accept it, subject to the foregoing conditions of sale and limitation of warranty, liability and remedies.

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