

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

2/3/2011

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

FEB 3 2011

Bill Washburn Helena Chemical Company 225 Schilling Boulevard, Suite 300 Collierville, TN 38017

Subject: Label Amendment (container disposal, directions for use, reformat label, resubmissions to notifications dated 10/27/10 and 8/25/10) Pro-Mate Atrazine 0.5% with Fertilizer EPA Reg. No. 5905-562 Application Dated January 13, 2011

Dear Mr. Washburn:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable.

A stamped copy of your label is enclosed for your records. This label supersedes all previously accepted labels. You must submit one (1) copy of the final printed label before you release the product for shipment. Products shipped after eighteen (18) months from the date of this letter or the next printing of the label, whichever occurs first, must bear the new revised label. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA §6(e). Your release for shipment of the product constitutes acceptance of these conditions.

Sincerely,

Kable Bo Davis Product Manager 25 Herbicide Branch Registration Division (7505P)

# **PRO-MATE** OS 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:**

4

Atrazine	0.50%
Related Compounds	0.02%
Other ingredients	
TOTAL	

ACCEPTED with COMMENTS in EPA Letter Dated

FEB 3 2011

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 5905-562

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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.

See Back Panel for Additional Precautionary Statements

	FIRST AID		
IF SWALLOWED:	Call a poison control center or doctor immediately for treatment advice.		
	<ul> <li>Have person sip a glass of water if able to swallow.</li> </ul>		
	<ul> <li>Do not induce vomiting unless told to do so by a poison control center or doctor.</li> </ul>		
	Do not give anything to an unconscious person.		
IF INHALED:	Move person to fresh air.	·	
	<ul> <li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, pref if possible.</li> </ul>	ferabiy ໂດຍິປູ່th-t	o-mouth,
	<ul> <li>Call a poison control center or doctor for treatment advice.</li> </ul>	ς ς ς ς ς ς ς ς ς ς ς ς ς ς ς ς ς ς ς ς	
IF IN EYES:	Hold eye open and rinse slowly and gently with water for 15-20 minutes.	C	
	• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.	с 0 (	
			,
	Call a poison control center or doctor for treatment advice.		
If on Skin or Clothing:	· · · · · · · · · · · · · · · · · · ·	ιιι	<u> </u>
If on Skin or Clothing:	Call a poison control center or doctor for treatment advice.		
If on Skin or Clothing:	Call a poison control center or doctor for treatment advice.     Take off contaminated clothing	<u>ι</u> ιι ι ε ε ε	<u> </u>

this product label to show medical personnel. In case of emergency call ChemTrec at 800-424-9300.

EPA Reg. No. 5905-562 AD xxxxxx EPA Est. No. 5905-FL-013 Net Content: 50 lbs

MANUFACTURED FOR: HELENA CHEMICAL COMPANY 225 SCHILLING BOULEVARD, SUITE 300 COLLIERVILLE, TENNESSEE 38017

Filename: Pro-Mate Atrazine 0.5% with fertilizer (5905-562) 011311CLN.doc

### 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 REQUIRMENTS:**

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 actors 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 conditons 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.

### DIRECTIONS FOR USE

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

For use 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.

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 <u>www.atrazine-watershed.info</u> 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 Chemical Company for refund.

### 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 Sowthisle	
Black Medic	Henbit
Blue Toadflax	Knotweed
Buckhorn Plantain	Lambsquarter
	Lespedaz Mat a
Burclover	Lippia (Matchweed)
Bull Paspalum	Morningglory
Crowsfoot Grass	,
Carolina Geranium	
(Cranesbill)	Moneywort
Carpetweed	Narrowleaf Vetch
Chickweed, Common	Oxalis, Common
Chickweed, Mouseear	(Yellow Woodsorrel)
Clover, Annual	Parsley-Piert
Common Purslane	Pigweed
	Pepperweed
Cudweed	Red Sorrel
Cutleaf Evening Primrose	Rescue grass
Ũ	Sandspur
	Shepherdspurse
Dandelion	Sicklepod
Filename: Pro-Mate Atrazine 0.5% with	

Sowthistle, Annual Dichondra Spurweed Dollarweed Stinging Nettle Florida Betony Swinecrest (Rattlesnake weed) Florida Beggarweed Venus Looking Glass Florida Puslev Virginia Creeper Fragrant Cudweed Wild Mustard Wood Sorrel (Rabbit Tobacco) Stops These Weeds Before They Start Annual Bluegrass Rescuegrass Sandspur (Poa annua) Bull Paspalum Sedges Crabgrass Spotted Spurge Foxtail

WHERE TO APPLY:

Before You Use: Read and follow directions when using. Use this product <u>ONLY</u> 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 BLUGRASS, 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 2 lbs a/l per acre) evenly across entire turf. Do not apply more than two applications per year. 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.)

	•	Distance Between
Model	Setting	passes (ft.)
Scotts Speedy Green 2000/3000	Х	2.5
Republic EZ Rotary (#540)	Х	9
Ortho Rotary	Х	9
Precision Rotary #SB50	Х	2
Red Devil Rotary	Х	2
Sta-Green Rotary #SB4500	Х	2
True Temper Rotary	Х	3
DROP SPREADERS		
5 lbs. /1,000 sq. ft.		
J 105. / 1,000 Sq. IL		
5 lbs. / 1,000 sq. lt.		Distance Between
Model	Setting	Distance Between passes (ft.)
· · ·	Setting XX	
Model		
Model Scotts AccuGreen 1000/2000	XX Č	passes (ft.)
Model Scotts AccuGreen 1000/2000 Scotts AccuGreen 3000	XX XX	passes (ft.)
Model Scotts AccuGreen 1000/2000 Scotts AccuGreen 3000 Scotts Drop (#PF-1, PF-2, PF-3, PF-4)	XX XX XX	passes (ft.) Slightly
Model Scotts AccuGreen 1000/2000 Scotts AccuGreen 3000 Scotts Drop (#PF-1, PF-2, PF-3, PF-4) Republic EZ Drop (#530)	XX XX XX XX XX	passes (ft.) Slightly
Model Scotts AccuGreen 1000/2000 Scotts AccuGreen 3000 Scotts Drop (#PF-1, PF-2, PF-3, PF-4) Republic EZ Drop (#530) Sears Drop	XX XX XX XX XX XX	passes (ft.) Slightly Overlap

Filename: Pro-Mate Atrazine 0.5% with fertilizer (5905-562) 011311CLN.doc

NOTE: Spreaders with similar colors are considered equivalent.

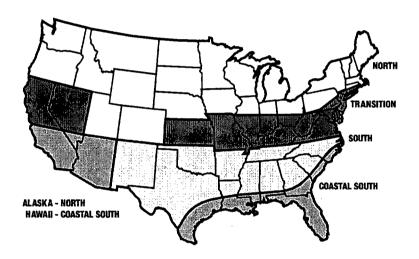
Settings are approximate. The condition of your spreader, the speed at which you walk and uneven terrain may affect the rate of application. Calibrate your spreader according to manufacturer's directions.

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 Chemical Company 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 form 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**

tal Nitrogen (N)xx% cx% Nitrate Nitrogen
xx% Ammoniacal Nitrogen xx% Water Soluble Nitrogen (and/or urea Nitrogen)
xx% Water Insoluble Nitrogen xx%
railable Phosphate
2O5)
luble Potash
2 <b>0</b> )xx%

### 

### 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 Chemical Company (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 Chemical Company'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. © Copyright Helena Holding Company, 2010.

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

# **PRO-MATE** OS 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.

# ACTIVE INGREDIENTS:

Atrazine	0.50%
Related Compounds	0.02%
Other ingredients	
TOTAL:	

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.

See Back Panel for Additional Precautionary Statements

	FIRST AID
IF SWALLOWED:	Call a poison control center or doctor immediately for treatment advice.
	<ul> <li>Have person sip a glass of water if able to swallow.</li> </ul>
	<ul> <li>Do not induce vomiting unless told to do so by a poison control center or doctor.</li> </ul>
	Do not give anything to an unconscious person.
IF INHALED:	Move person to fresh air.
	<ul> <li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.</li> </ul>
	<ul> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
IF IN EYES:	Hold eye open and rinse slowly and gently with water for 15-20 minutes.
	<ul> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> </ul>
	Call a poison control center or doctor for treatment advice.
If on Skin or Clothing:	Take off contaminated clothing
	<ul> <li>Rinse skin immediately with plenty of water for 15-20 minutes</li> </ul>
	<ul> <li>Call a poison control center or doctor for treatment advice</li> </ul>
•	HOT LINE
NOTE: When calling poison	

**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.

EPA Reg. No. 5905-562 AD xxxxxx EPA Est. No. 5905-FL-013 Net Content: 50 lbs

# MANUFACTURED FOR:

HELENA CHEMICAL COMPANY 225 SCHILLING BOULEVARD, SUITE 300 COLLIERVILLE, TENNESSEE 38017

Filename: Pro-Mate Atrazine 0.5% with fertilizer (5905-562) 011311CLN.doc

## 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.

	WEEDS CONTROLLED OR SUFFRESSED.
Annual Sowthistle	
Black Medic	Henbit
Blue Toadflax	Knotweed
Buckhorn Plantain	Lambsquarter
	Lespedeza Mat a
Burclover	Lippia (Matchweed)
Bull Paspalum	Morningglory
Crowsfoot Grass	1
Carolina Geranium	
(Cranesbill)	Moneywort
Carpetweed	Narrowleaf Vetch
Chickweed, Common	Oxalis, Common
Chickweed, Mouseear	(Yellow Woodsorrel)
Clover, Annual	Parsley-Piert
Common Purslane	Pigweed
	Pepperweed
Cudweed	Red Sorrel
Cutleaf Evening Primrose	Rescue grass
	Sandspur
	Shepherdspurse
Dandelion	Sicklepod
	Sowthistle, Annual
Dichondra	Spurweed
Dollarweed	Stinging Nettle
Florida Betony	Swinecrest
(Rattlesnake weed)	
Florida Beggarweed	Venus Looking Glass
Florida Pusley	Virginia Creeper
Fragrant Cudweed	Wild Mustard
(Rabbit Tobacco)	Wood Sorrel
Stops These Weeds Before They St	art
Annual Bluegrass	Rescuegrass
(Poa annua)	Sandspur
Bull Paspalum	Sedges
Crabgrass	Spotted Spurge
Foxtail	
Filename: Pro-Mate Atrazine 0.5% with	efertilizer (5905-562) 011311CLN.doc

### WEEDS CONTROLLED OR SUPPRESSED:

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.

### 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 <u>www.atrazine-watershed.info</u> 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 Chemical Company for refund.

### PRECAUTIONS AND RESTRICTIONS:

Do not exceed 25 lbs. of Pro-Mate Atrazine 0.5% with Fertilizer per 5,500 sq. ft. per application. Do not make more than two applications per year. Do not apply more than 1.0 lbs. of active ingredient per acre for any application. 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 1<sup>st</sup> up to March 1<sup>st</sup>, otherwise the product may be applied through June 15<sup>th</sup> 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. Sprinkle the area lightly with water immediately after application in order to wash granules off the grass blades.

SPREADE	R SETTIN	IGS 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 form 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% Nitrate Nitrogen xx% Ammoniacal Nitrogen xx% Water Soluble Nitrogen (and/or urea Nitrogen) xx% Water Insoluble Nitrogen xx%	xx%
Available Phosphate (P₂O₅)	
Soluble Potash (K <sub>2</sub> O)	

### Statement of Secondary Plant Foods

### 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 Chemical Company (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 Chemical Company'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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