



ATRAZINE	GROUP	5	HERBICIDE
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Weed & Feed 1.15% Atrazine for St. Augustine Lawns

For use on St. Augustine grass, Bermuda grass, Centipede grass & Zoysia grass being grown in parks, golf courses and lawns.

ACTIVE INGREDIENTS:

Atrazine	1.15%
Related compounds	0.02%

OTHER INGREDIENTS: 98.83%

TOTAL: 100.00%

Contains 23 pounds of Atrazine per ton which is equivalent to an actual application rate of 2 pounds of Atrazine per acre when used according to this label.

0-0-7

GUARANTEED FERTILIZER ANALYSIS

Total Nitrogen (N)	0%
0% Urea Nitrogen	
Available Phosphate (P ₂ OS)	0%
Soluble Potash (K ₂ O)	7%

Derived from: Muriate of
Potash, dolomitic Limestone

EPA Reg. No. 19713-718-49991

EPA Est. No. 49991-TX-002

Net Weight 50 Lbs. 22.68 Kgs.

KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID

IF SWALLOWED:

- 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 by mouth to an unconscious person.

IF ON SKIN OR CLOTHING:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15 to 20 minutes.
- Call a poison control center or doctor for treatment advice.

IF IN EYES:

- Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.
- Remove contact lenses, if present, after 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also call CHEMTREC at 800-424-9300 for emergency medical treatment information.

PRECAUTIONARY STATEMENTS

Hazards To Humans and Domestic Animals

CAUTION: Harmful if swallowed. Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

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 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.

APPLICATION EQUIPMENT RESTRICTIONS

Do not apply granular lawn products by hand. Do not allow product to come in contact with hands. Granular lawn products applied by handheld devices (e.g., belly grinder) can only be applied as a spot treatment.

USER SAFETY RECOMMENDATIONS

Users should: 1) Wash hands thoroughly before eating, drinking, chewing gum, using tobacco or using the toilet. 2) Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. 3) Remove clothing/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 groundwater which may be used as drinking water. Atrazine has been found in groundwater. Users are advised not to apply atrazine to Sand and Loamy sand soils where the water table (groundwater) 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 groundwater.

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 and reservoirs. If this product is applied to highly erodible land, the 66 foot buffer or setback from runoff entry points must be planted to crop or seeded with grass or another suitable crop.

Product must not be mixed or 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 at a minimum 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 sites.

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

One of the following restrictions must be used in applying atrazine to tile-outletted fields containing standpipes:

- Do not apply within 66 feet of standpipes in tile-outletted fields.
- Apply this product to the entire tile-outletted field and immediately incorporate it to a depth of 2 to 3 inches in the entire field.

- Apply this product to the entire tile-outletted field under a no-till practice only when a high crop residue management practice is practiced.

High crop residue management is described as a crop management practice where little, or no crop residue is removed from the field during and after crop harvest.

This pesticide is toxic to aquatic invertebrates. Do not apply directly to water or 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 washwaters or rinsate.

NON-TARGET ORGANISMS 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

READ ENTIRE LABEL BEFORE 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 any person or pet, either directly or through drift.

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

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 Bonus Crop Fertilizer, Inc. for a refund.

This product is for use on St. Augustinegrass, Bermudagrass, Centipedegrass & Zoysiagrass being grown in residential sites including homes, daycare facilities, schools, playgrounds, parks, recreational areas and sports fields.

WEEDS CONTROLLED OR SUPPRESSED

Annual Bluegrass (<i>Poa annua</i>)	Dollarweed/Pennywort	Ragweed
Annual Sowthistle	Florida Beggarweed	Red Sorrel/Sheep Sorrel
Clover	Florida Betony (Rattlesnake Weed)	Rescuegrass
Black Medic	Florida Pusley	Sandspur
Blue Toadflax	Fragrant Cudweed (Rabbit Tobacco)	Sedges*
Bull Paspalum	Henbit	Shepherd's purse
Buckhorn Plantain	Hop Clover	Sicklepod
Burclover	Knotweed	Sowthistle
Carolina Geranium (Cranesbill)	Lambsquarter	Spotted Purge
Carpet burweed	Lespedeza	Spurweed
Chickweed (Common and Mouse Ear)	Lippia (Matchweed)	Stinging Nettle
Cocklebur	Moneywort	Swinecrest
Common Purslane	Morningglory	Venus Looking Glass
Corn Speedwell	Narrowleaf Vetch	Virginia Creeper
Crabgrass	Parsley-Piert	Wild Mustard
Crowfoot Grass	Oxalis (Common and Yellow Wood sorrel)	Wood Sorrel
Cudweed	Pepperweed/Peppergrass	
Cutleaf Evening Primrose	Pigweed	
Dandelion	Purslane	
Dichondra		
*A repeat application is required to control Nutsedge.		

HERBICIDE RESISTANCE MANAGEMENT

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For resistance management, this product is a Group 5 mode of action herbicide. Any weed population may contain or develop plants naturally resistant to this product and other Group 5 mode of action 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 this product 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 Bonus Crop Fertilizer, Inc. at (903) 455-9439..

USE PRECAUTIONS

Application of this product is not advised on or over the root zone of ornamental trees, shrubs, bedding plants, flowers or garden plants as this may result to plant injury. Also, application to lawns containing grasses or mixtures of grasses other than those listed on this label could result in serious injury to these grasses.

USE RESTRICTIONS

- Do not apply more than 2.0 pounds a.i. (174.24 lbs. of this product) per acre (4 lbs. of this product/1,000 sq. ft.) for any application.
- Do not exceed 0.58 pounds a.i. (50 lbs. of this product) per 12,500 square feet or 0.29 pounds a.i. (25 lbs. of this product) per 6,250 square feet per application.
- Do not make more than two applications per year.
- This product must be watered-in immediately after application.
- Not for use on turf grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.
- Do not use on Golf greens.
- Do not use north of North Carolina (except it may be used in Virginia Coastal Plains) or west of the high rainfall areas of eastern Oklahoma and eastern Texas.
- Do not use on muck or alkaline soils.
- Do not apply this product to newly seeded Bermudagrass until it has overwintered and has well developed rhizome system.
- **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:
 - 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.**

ENTRY RESTRICTIONS

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.

WHEN TO APPLY

ST. AUGUSTINE & CENTIPEDE LAWNS: Best weed control will result if this product is applied before weeds sprout since the product acts as a pre-emergent AND also as a post-emergent weedkiller.

Established weeds are harder to kill and may require an additional application in the Fall or Spring. Apply January 1st up to March 1st for best control, otherwise, product may be applied up to June 15th with good weed control. A Fall application will be needed to control certain annuals such as Chickweed, Evening primrose, Florida betony, Henbit and Rabbit tobacco,

In case of heavy weed infestation or low soil moisture, a repeated application may be necessary. Time for complete kill of mature weeds may be 4 to 5 weeks. Wait 2 months for repeat application. Apply when air is calm to prevent particle wind drift.

BERMUDAGRASS & ZOYSIAGRASS: Apply after October 1 before emergence of Winter annual weeds for control of Annual bluegrass, Burclover, Carpet burweed, Chickweed, Corn speedwell, Henbit, Hop clover, and Spurweed. For continued Summer annual weed control, repeat application at least 30 days after the previous application, but not after April 15. Do not make more than two applications per year.

HOW TO APPLY

This product may be applied with either a drop type or broadcast type spreader. Apply evenly across the entire lawn at a rate of 50 pounds to treat 12,500 square feet of lawn; 40 pounds to treat 10,000 square feet; 18 pounds to treat 4,500 square feet of lawn (equivalent to 4 lbs. of this product/1,000 sq. ft.). Do not exceed specified rates. Sprinkle the area immediately after application with water to wash granules off the grass blades and down to soil level.

SPREADER SETTINGS for 4 pounds per 1,000 square feet

CYCLONE B-1 Rotary #4

SCOTTS Model 35 #6

SPREADER SETTINGS

Rotary spreaders are easier to use and reduce streaking compared to drop spreaders. While drop spreaders work well, they require more care to avoid gaps and streaks that appear as light green stripes after application. It is important to apply with properly calibrated rotary or drop type fertilizer spreader. Never apply by hand.

The below spreader settings are approximate. Calibrate the spreader on a 250 square feet area and adjust the spreader setting accordingly to apply the rate of 1 pound of this product per 250 square feet.

ROTARY SPREADER SETTINGS		DROP SPREADER SETTINGS		BROADCAST SPREADER SETTINGS	
EV-N-SPREAD	13	Ortho Drop	5.25	Pennington 2000B	13
Ortho	2.5	Red Devil DS3000	5	Pennington 2050SU	12
Precision	6	Republic EZ Drop	5.25	Scotts SG3000	8
Quaker	3.75	Scotts Drop (PF3)	6.5	Red Devil SB90	9
Red Devil	6	Scotts Even Green	6.5	Sears Lawn Crafter #1971	3.5
Republic EZ	2.5	Scotts AccuGreen	3		
True Temper	3.75	Scotts 1000	7		
Scotts Easy Green	26.25	Scotts 3000	6		
Scotts Speedy Green	5.5	Sears Lawn Crafter #1976	6.5		

Note: Spreader rate varies with walking speed.

WHERE TO USE

This material is for use only on St. Augustine, Bermuda, Centipede and Zoysia grass lawns. Do not apply to

Bermuda & Zoysia grass lawns prior to October 1. On newly seeded Centipede, delay until grass has been mowed at least once. Do not plant "sprigs" within one month after application or seed within 6 months after application. Do not plant any crop (flower or vegetable plants) to treated areas for 18 months or injury may result. Apply this product only when grass foliage is dry.

DO NOT USE ON BAHIA, BENT, BLUEGRASS, DICHONDRA LAWNS, FESCUE OR RYE GRASS BECAUSE SERIOUS TURF DAMAGE CAN OCCUR.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store pesticide in the original container in a locked storage area.

PESTICIDE DISPOSAL: To avoid waste, use all materials in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often, such programs are run by State or local governments or by industry).

CONTAINER HANDLING:

Nonrefillable Container (flexible-bag-all weights): Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available, or dispose of empty container in a sanitary landfill or by other procedures allowed by state and local authorities.

Nonrefillable Container (rigid-fifty lbs. or less): Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or mix tank. Fill the container one-fourth full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling, if available, or dispose of empty container in a sanitary landfill or by other procedures allowed by state and local authorities.

Nonrefillable Container (rigid-greater than fifty lbs.): Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or mix tank. Fill the container one-fourth full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Offer for recycling, if available, or dispose of empty container in a sanitary landfill or by other procedures allowed by state and local authorities.

Refillable Container: Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

WARRANTY—CONDITIONS OF SALE

OUR DIRECTIONS FOR USE of this product are based upon tests believed reliable. Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals not specifically directed and other influencing factors in the use of this product are beyond the control of the Seller. To the extent consistent with applicable law, Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith. To the extent consistent with applicable law, in no case shall the Manufacturer or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product when such use and/or handling is not in strict accordance with directions given herewith. The foregoing is a condition of sale by the Seller and is accepted as such by the Buyer.

**Manufactured By:
Bonus Crop Fertilizer, Inc.
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