SULFOSULFURON	GROUP	2	HERBICIDE

Sertay™

Contains sulfosulfuron, the active ingredient used in Certainty®.

Sertay is a Selective Herbicide for Control of Annual and Perennial Grass and Broadleaf Weeds in Highly Managed Turf, Ornamental and Native Grass Sites.

ACTIVE INGREDIENT:	**(% by weight)**
Sulfosulfuron	75.0%
OTHER INGREDIENTS:	25.0%
TOTAL:	100.0%

Sertay herbicide is formulated as a water dispersible granule (WDG).

EPA Reg. No.: 91234-120

KEEP OUT OF REACH OF CHILDREN

CAUTION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand the label, find someone to explain it to you in detail.)

See below for Precautionary Statements and Directions for Use.

FIRST AID	
If in eyes:	▪ Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. ▪ Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. ▪ Call a poison control center or doctor for treatment advice.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact SafetyCall at **1-844-685-9173** for emergency medical treatment information.	

For Chemical Emergency: Spill, Leak, Fire, Exposure, or Accident, Call CHEMTREC Day or Night
Within USA and Canada: 1-800-424-9300 or +1 703-527-3887 (collect calls accepted)

Sertay™ is not manufactured, or distributed by Valent USA Corporation, seller of Certainty®.

Manufactured for:
Atticus, LLC
940 NW Cary Parkway, Suite 200
Cary, NC 27513

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

KEEP OUT OF REACH OF CHILDREN

CAUTION!

CAUSES MODERATE EYE IRRITATION.

Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear: long-sleeved shirt and long pants and shoes plus socks and protective eyewear.

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.

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

USER SAFETY RECOMMENDATIONS

Users should:

- Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

Non-Target Organism Advisory

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 area. Protect the forage and habitat of non-target organisms by minimizing spray drift. For further guidance and instructions on how to minimize spray drift, refer to the **SPRAY DRIFT MANAGEMENT** section of this label.

Windblown Soil Particles Advisory

Sertay has the potential to move off-site due to wind erosion. Soils that are subject to wind erosion usually have a high silt and/or fine to very fine sand fractions and low organic matter content. Other factors which can affects the movement of windblown soil include the intensity and direction of prevailing winds, vegetative cover, site slope, rainfall, and drainage patterns. Avoid applying **Sertay** if prevailing local conditions may be expected to result in off-site movement.

Groundwater Advisory

This chemical has properties and characteristics associated with chemicals detected in groundwater. This chemical may leach into groundwater if used in areas where soils are permeable, particularly where the water table is shallow.

Surface Water Advisory

This product may impact surface water quality due to runoff of rain water. This is especially true for poorly draining soils and soils with shallow groundwater. This product is classified as having high potential for reaching surface water via runoff for months or more after application. A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features including ponds, streams, and springs will reduce the potential loading of sulfosulfuron from runoff water and sediment. Runoff of this product will be greatly reduced by avoiding applications when rainfall or irrigation is expected to occur within 48 hours.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in any manner inconsistent with its labeling. This product can only be used in accordance with the Directions for Use on this label. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Read the entire label before using this product.

Use only according to label instructions.

Not all products specified on this label are registered for use in California. Check the registration status of each product in California before using.

Read the **LIMITATION OF WARRANTY AND LIABILITY** before buying or using. If terms are not acceptable, return at once unopened.

THIS IS AN END-USE PRODUCT. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ATTICUS, LLC DOES NOT INTEND AND HAS NOT REGISTERED IT FOR REFORMULATION OR REPACKAGING.

AGRICULTURAL USE REQUIREMENTS

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

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, including plants, soil, or water, is:

- Coveralls
- Shoes plus socks
- Chemical-resistant gloves

NON-AGRICULTURAL USE REQUIREMENTS

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

Keep people and pets off treated areas until spray solution has dried.

PRODUCT INFORMATION

Product Description: This product is a postemergence, systemic herbicide with limited soil residual activity. It provides postemergence control of many annual and perennial sedges, grass and broad leaf weeds on highly managed turf, sod farms and native grass sites. It is a selective herbicide that can be used over the top of many perennial warm-season turfgrasses. Refer to the appropriate sections of this label for approved turf species.

Use Sites: This product may be used for weed control on highly managed turf and native grasses, landscaped areas and ornamental nurseries. This product may be applied to residential and commercial turf sites, including apartment complexes, athletic fields, cemeteries, golf course fairways, golf course roughs, golf course tees, and other golf course areas, hotel properties, nurseries, office complexes, parks, public areas, retail sites, storage facilities, school grounds, sod and turfgrass seed farms, and other highly managed turfgrass sites. This product is not for use on golf course putting greens.

When to Spray: Best results are obtained when target weeds are actively growing and not disturbed by mowing for at least 2 days before and 2 days after application.

Time to Symptoms: This product is absorbed by both the roots and the foliage of plants and rapidly inhibits the growth of susceptible weeds. Susceptible weed growth stops within 24 hours of treatment even though visual symptoms are slow to develop. Susceptible weeds usually show yellowing or browning within 2 to 3 weeks. Warm, moist conditions following application will accelerate herbicidal activity. Cold, dry conditions will delay herbicidal activity. Weeds stressed by drought are less susceptible to this product.

Rainfastness: Heavy rainfall or irrigation within 2 hours after application may wash this product off of the foliage and a repeat application may be required for adequate control.

IMPORTANT: Avoid contact of this product with the roots or foliage of susceptible non-target vegetation as injury may occur. This includes areas where this product may be washed or moved into contact with roots of desirable vegetation.

Susceptible plants may be injured if seeded or transplanted into treated areas unless otherwise directed in this label.

RESISTANCE MANAGEMENT

SULFOSULFURON	GROUP	2	HERBICIDE

For resistance management, **Sertay** is a Group 2 herbicide. Any weed population may contain or develop plants naturally resistant to **Sertay** and other Group 2 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 **Sertay** or other Group 2 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 before and after 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 including 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 lack of performance or suspected resistance, contact Atticus, LLC at (984) 465-4754.

MIXING

Thoroughly clean equipment prior to mixing spray solution.

Eliminate any risk of siphoning the contents of the spray or mixing tank back into the carrier source while mixing. Use approved anti-back-siphoning devices where required by State or local regulations.

Mixing with Water

This product mixes readily with water. Mix spray solutions of this product as follows. Fill the spray tank with about three-fourths of the desired final volume. Add the labeled amount of this product. Continue the filling process while maintaining agitation. Add nonionic surfactant near the end of the filling process.

Mixing for Hand-Held Sprayers

Hand-held sprayer applications must be made at a rate of 2 gallons of spray solution per 1000 square feet.

Using the measuring scoop provided in the product packaging, follow the instructions below to prepare the proper spray solution.

Measuring Scoop Instructions

Using the **SMALL SCOOP** (0.08-gram scoop) provided, refer to the following table for the **Number of Scoops** of product required to achieve the **Desired Application Rate** when mixed in 2 gallons of water.

Desired Application Rate (ounces of product/acre)	Number of Scoops (small scoop)	Mix Volume (gallons of water)	Spray Rate (gallons/ 1000 ft^2)
0.75 (0.035 lb AI/A)	6	2.0	2
1.00 (0.047 lb AI/A)	8	2.0	2
1.25 (0.058 lb AI/A)	10	2.0	2

Using the **LARGE SCOOP** (0.8-gram scoop) provided, refer to the following table for the appropriate **Mix Volume** (gallons of water) required to achieve the **Desired Application Rate**.

Desired Application Rate (ounces of product/acre)	Number of Scoops (large scoop)	Mix Volume (gallons of water)	Spray Rate (gallons/ 1000 ft^2)
0.75 (0.035 lb AI/A)	1	3.3	2
1.00 (0.047 lb AI/A)	1	2.5	2
1.25 (0.058 lb AI/A)	1	2.0	2
2.0 (0.093 lb AI/A)	2	2.5	2

Ensure that product is measured as a level scoop and is not rounded.

Add 2 teaspoons (.33 fluid ounce) of nonionic surfactant per gallon of water.

Tank-Mixing Procedure

For tank mixtures, add individual components to the spray tank in the following sequence: water, water dispersible granules (this product), water-soluble bags, dry flowables, emulsifiable concentrates, drift control additive, water-soluble liquids, non ionic surfactants.

It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

Surfactants and Adjuvants

Use a non ionic surfactant at 0.25 to 0.5 percent by volume (1 to 2 quarts per 100 gallons of spray solution). Use only nonionic surfactants that contain at least 90 percent active ingredient. **Do not use nonionic surfactants or other additives that alter the pH of the spray solution below pH 5. Use of surfactants that contain d'Limonene, methylated seed oil, or COC (crop oil concentrate) may cause temporary turf discoloration.**

Colorants and Dyes

Colorants or marking dyes may be added to spray solutions of this product; however, they can reduce product performance. Use colorants and dyes according to the manufacturer's specifications.

APPLICATION EQUIPMENT AND TECHNIQUES

Apply spray solutions of this product with properly maintained and calibrated equipment capable of delivering desired volumes. **Do not** apply this product through any type of irrigation system.

Equipment Cleaning

Thoroughly clean application equipment with a 1-percent solution of ammonia (1 quart of ammonia for every 25 gallons of rinse water) promptly after using this product. Use a sufficient volume of cleaning solution to thoroughly rinse all surfaces and to flush all hoses. Rinse with water and repeat the cleaning procedure with the ammonia solution. Complete the cleaning procedure by rinsing thoroughly with clean water. If visible residue is present in the spray tank, use a 1-percent solution of ammonia plus 0.25 percent nonionic surfactant (8 fluid ounces per 25 gallons of water) as the cleaning solution.

Restriction:

DO NOT apply by air.

MANDATORY SPRAY DRIFT

Ground Boom Applications:

- Apply with the nozzle height recommended by the manufacturer, but no more than 3 feet above the ground or crop canopy unless making a turf, pasture, or rangeland application, in which case applicators may apply with a nozzle height no more than 4 feet above the ground.
- For applications prior to the emergence of crops and target weeds, applicators are required to use a Coarse or coarser droplet size (ASABE S572.1).
- For all other applications, applicators are required to use a Medium or coarser droplet size (ASABE S572.1).
- Do not apply when wind speeds exceed 10 miles per hour at the application site.
- Do not apply during temperature inversions.

Boom-Less Ground Applications:

- Applicators are required to use a Medium or coarser droplet size (ASABE S572.1) for all applications.
- Do not apply when wind speeds exceed 10 miles per hour at the application site.
- Do not apply during temperature inversions.

SPRAY DRIFT ADVISORIES

THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT.

BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS.

IMPORTANCE OF DROPLET SIZE

An effective way to reduce spray drift is to apply large droplets. Use the largest droplets that provide target pest control. While applying larger droplets will reduce spray drift, the potential for drift will be greater if applications are made improperly or under unfavorable environmental conditions.

Controlling Droplet Size – Ground Boom

- Volume - Increasing the spray volume so that larger droplets are produced will reduce spray drift. Use the highest practical spray volume for the application. If a greater spray volume is needed, consider using a nozzle with a higher flow rate.
- Pressure - Use the lowest spray pressure recommended for the nozzle to produce the target spray volume and droplet size.
- Spray Nozzle - Use a spray nozzle that is designed for the intended application. Consider using nozzles designed to reduce drift.

BOOM HEIGHT – Ground Boom

Use the lowest boom height that is compatible with the spray nozzles that will provide uniform coverage. For ground equipment, the boom should remain level with the crop and have minimal bounce.

SHIELDED SPRAYERS

Shielding the boom or individual nozzles can reduce spray drift. Consider using shielded sprayers. Verify that the shields are not interfering with the uniform deposition of the spray on the target area.

TEMPERATURE AND HUMIDITY

When making applications in hot and dry conditions, use larger droplets to reduce effects of evaporation.

TEMPERATURE INVERSIONS

Drift potential is high during a temperature inversion. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. The presence of an inversion can be indicated by ground fog or by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing. Avoid applications during temperature inversions.

WIND

Drift potential generally increases with wind speed. AVOID APPLICATIONS DURING GUSTY WIND CONDITIONS.

Applicators need to be familiar with local wind patterns and terrain that could affect spray drift.

Boom-Less Ground Applications:

Setting nozzles at the lowest effective height will help to reduce the potential for spray drift.

Handheld Technology Applications:

Take precautions to minimize spray drift.

WARM-SEASON TURFGRASSES

This product has been shown to be safe for use on the established warm-season turfgrasses listed in this section.

Bahiagrass	Kikuyugrass
Bermudagrass (common or hybrid)	St. Augustinegrass
Buffalograss	Seashore paspalum
Centipedegrass	Zoysiagrass

Use of this product may result in temporary chlorosis, and may affect the growth pattern or delay green-up of the desirable turf. St. Augustinegrass and seashore paspalum may be more sensitive to this product than other grasses depending on environmental conditions, cultivar differences and other influential factors. For St. Augustinegrass and seashore paspalum, test this product on a small area prior to wide-scale use to determine if this product is suitable for your management and cultural practices.

Sedge Control

For the selective control of the weeds listed in this section, apply this product at 1.25 ounces (0.058 lb ai) per acre after weeds have reached the 3- to 8-leaf stage of growth. A sequential application of 1.25 ounces (0.058 lb ai) per acre may be made 4 or more weeks after the initial treatment, if needed.

Restrictions:

- **Maximum Annual Use Rate:** 2.5 ounces (0.117 lb ai) per acre per year
- **Single Maximum Use Rate:** 1.25 ounces (0.058 lb ai) per acre
- **Maximum Number of Applications/Year:** 2
- **RTI:** 4 weeks

Kyllinga, false green
Kyllinga gracilima
Kyllinga, fragrant
Kyllinga sesquiflorus
Kyllinga, green
Kyllinga brevifolia
Nutsedge, purple
Cyperus rotundus
Nutsedge, yellow
Cyperus esculentus
Sedge, globe
Cyperus croceus
Sedges, annual
Cyperus spp.

Tall Fescue *(Festuca arundinacea)* Control

Best control of tall fescue is obtained when this product is applied at 1.25 ounces (0.058 lb ai) per acre followed by a second application of 1.25 ounces (0.058 lb ai) per acre at 21 to 28 days after the initial application. If a single application is preferred, apply this product at 2.0 ounces (0.093 lb ai) per acre.

Restrictions:

- **Maximum Annual Use Rate:** 2.5 ounces (0.117 lb ai) per acre per year
- **Single Maximum Use Rate:** 2.0 ounces (0.093 lb ai) per acre
- **Maximum Number of Applications/Year:** 2
- **RTI:** 21 days

Dallisgrass *(Paspalum dilatatum)* Suppression in Bermudagrass

The following application includes the use of MSMA. MSMA can cause injury to common and hybrid bermudagrass turf. Test the following tank-mix requirements on a small area prior to wide-scale use to determine if this application is suitable for your bermudagrass management objectives.

For suppression of dallisgrass in bermudagrass turf, apply this product, when dallisgrass is actively growing, at a rate of 1.25 ounces of product (0.058 lb ai) per acre in a tank mixture with 2 pounds of MSMA per acre and 0.25 percent by volume non-ionic surfactant (1 quart per 100 gallons of spray solution). Reapply this same tank mixture 2 to 4 weeks after initial application.

As an alternative program, apply MSMA at 2 pounds active ingredient per acre with 0.25 percent by volume non-ionic surfactant as an initial treatment, wait two weeks and apply 2.0 ounces of this product (0.093 lb ai) per acre. Wait an additional two weeks and apply MSMA again at 2 pounds active ingredient per acre with 0.25 percent by volume nonionic surfactant.

Virginia Buttonweed *(Diodia virginiana)* Suppression

For suppression of buttonweed apply this product at 1.25 ounces (0.058 lb ai) per acre. This application will provide suppression or partial control of buttonweed for 4 to 6 weeks.

For enhanced buttonweed control, tank-mix this product with a broad-leaf herbicide labeled for buttonweed control in the desired warm-season turfgrass. It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

Annual Bluegrass *(Poa annua)* Control in Non-Overseeded Turf

For selective control of annual bluegrass *(Poa annua)*, apply this product at 1.25 to 2.0 ounces (0.058 - 0.093 lb ai) per acre. Use the higher rate of this product for control in areas of established, dense weed infestation.

Best results are obtained when weeds are in the early stage of growth and prior to tillering.

IN DORMANT BERMUDAGRASS ONLY, tank mixtures of this product with Roundup PRO® (EPA Reg. No. 524-529, glyphosate-isopropylammonium) or Roundup QuikPRO® (EPA Reg. No. 524-535, diquat dibromide + glyphosate, ammonium salt) herbicides may be used to increase the spectrum of vegetation controlled. Read and follow the label directions, precautionary statements and all other label information on Roundup PRO (EPA Reg. No. 524-529, glyphosate-isopropylammonium) or Roundup QuikPRO (EPA Reg. No. 524-535, diquat dibromide + glyphosate, ammonium salt) herbicides. Refer to the Roundup PRO (EPA Reg. No. 524-529, glyphosate-isopropylammonium) or Roundup QuikPRO (EPA Reg. No. 524-535, diquat dibromide + glyphosate, ammonium salt) product labels for approved application rates. Always apply tank mixtures according to the most restrictive precautionary statements of the products being used.

Annual Bluegrass *(Poa annua)* Control Prior to Overseeding Turf with Perennial Ryegrass

Apply this product at 2.0 ounces (0.093 lb ai) per acre to control *Poa annua* prior to overseeding warm-season turf with perennial ryegrass. Begin applications after *Poa annua* germination and 7 to 10 days prior to overseeding.

Transition of Overseeded Perennial Ryegrass *(Lolium perenne)*

Best results are obtained by applying this product at 1.25 ounces (0.058 lb ai) per acre followed by a second application of 1.25 ounces (0.058 lb ai) per acre at 21 to 28 days after the initial application when daily temperatures are expected to exceed 80° F during the treatment period. If a single application is preferred, apply this product at 2.0 ounces (0.093 lb ai) per acre.

Restrictions:

- **Maximum Annual Use Rate:** 2.5 ounces (0.117 lb ai) per acre per year
- **Single Maximum Use Rate:** 2.0 ounces (0.093 lb ai) per acre
- **Maximum Number of Applications/Year:** 2
- **RTI:** 21 days

Rescuegrass *(Bromus catharticus)* Control

For selective control of rescuegrass apply this product at 0.75 ounce (0.035 lb ai) per acre followed by a second application of 0.75 ounce (0.035 lb ai) per acre at 4 to 10 weeks after the initial treatment. For best results, apply the initial treatment of this product in the fall or early winter when rescuegrass has germinated and is visible in the dormant turfgrass. Applications must be made when rescuegrass is actively growing and at the 2- to 4-leaf stage, but prior to tillering. If a single application is preferred, apply this product at 1.5 ounces (0.07 lb ai) per acre.

Restrictions:

- **Maximum Annual Use Rate:** 1.5 ounces (0.07 lb ai) per acre per year
- **Single Maximum Use Rate:** 1.5 ounces (0.07 lb ai) per acre
- **Maximum Number of Applications/Year:** 2 when using reduced rates
- **RTI:** 4 weeks

Where atrazine can be used in warm-season turfgrass apply this product at 1.0 ounce (0.046 lb ai) per acre plus atrazine at 0.5 pounds active ingredients per acre. This treatment will provide both postemergence and residual control of rescuegrass.

Additional Weeds Controlled

For selective control or suppression of annual or perennial weeds listed in this section, apply this product at 1.25 to 2.0 ounces (0.058 - 0.093 lb ai) per acre. Use the higher rate of this product for control in areas of established, dense weed infestation. If using an initial rate of application of 1.25 ounces (0.058 lb ai) per acre, a second application of 1.25 ounces (0.058 lb ai) per acre may be made 4 or more weeks after the initial treatment, if needed.

Restrictions:

- **Maximum Annual Use Rate:** 2.5 ounces (0.117 lb ai) per acre per year
- **Single Maximum Use Rate:** 2.0 ounces (0.093 lb ai) per acre
- **Maximum Number of Applications/Year:** 2
- **RTI:** 4 weeks

Barley, little
Hordeum pusillum
Bedstraw, catchweed
Galium aparine
Beggarweed, Florida[1]*
Desmodium tortuosum
Bentgrass, creeping[1]*
Agrostis stolonifera
Bluegrass, bulbous
Poa bulbosa
Bluegrass, roughstalk
Poa trivialis
Burweed, lawn
Soliva pterosperma
Buttercup
Ranunculus arvensis
Chamber bitter*
Phyllanthus urinaria
Chickweed, common
Stellaria media
Clover, white
Trifolium repens
Crowfootgrass
Dactyloctenium aegyptium
Dandelion
Taraxacum officinale
Dichondra, Carolina*
Dichondra carolinensis
Garlic, wild
Allium vineale
Geranium, Carolina[1]
Geranium carolinianum
Henbit[1]
Lamium amplexicaule
Ivy, ground[1]
Glechoma hederacea
Johnsongrass
Sorghum halepense
Mustard, wild
Sinapis arvensis
Pennycress, field
Thlaspi arvense
Pennywort, lawn[1] (dollarweed)
Hydrocotyle bowlesioides
Quackgrass[1]
Elytrigia repens
Ryegrass, perennial
Lolium perenne
Shepherd's-purse
Capsella bursa-pastoris
Violet, wild[1]*
Viola nephrophylla
Woodsorrel, yellow*
Oxalis stricta

[1] Suppression or partial control only
* NOT FOR USE IN CALIFORNIA

Manufactured for:
Atticus, LLC
940 NW Cary Parkway, Suite 200
Cary, NC 27513

ORNAMENTALS

This product is for use in woody ornamentals, perennial groundcovers and warm-season ornamental grasses.

For selective control or suppression of weeds listed in this section, apply this product at 1.25 ounces (0.058 lb ai) per acre. A second application of 1.25 ounces (0.058 lb ai) per acre may be made 4 or more weeks after the initial treatment, if needed. Best results are obtained when target weeds are actively growing and not disturbed by mowing for at least 2 days before and 2 days after application.

Restrictions:

- **Maximum Annual Use Rate:** 2.5 ounces (0.117 lb ai) per acre per year
- **Single Maximum Use Rate:** 1.25 ounces (0.058 lb ai) per acre
- **Maximum Number of Applications/Year:** 2
- **RTI:** 4 weeks

Barley, little
Hordeum pusillum
Bedstraw, catchweed
Galium aparine
Bluegrass, annual
Poa annua
Bluegrass, bulbous
Poa bulbosa
Bluegrass, roughstalk
Poa trivialis
Burweed, lawn
Soliva pterosperma
Buttercup
Ranunculus arvensis
Chickweed, common
Stellaria media
Clover, white
Trifolium repens
Crowfootgrass
Dactyloctenium aegyptium
Dandelion
Taraxacum officinale
Fescue, tall
Festuca arundinacea
Garlic, wild
Allium vineale
Geranium, Carolina[1]
Geranium carolinianum
Henbit[1]
Lamium amplexicaule
Ivy, ground[1]
Glechoma hederacea
Johnsongrass
Sorghum halepense
Kyllinga, false green
Kyllinga gracilima
Kyllinga, fragrant
Kyllinga sesquiflorus
Kyllinga, green
Kyllinga brevifolia
Mustard, wild
Sinapis arvensis
Nutsedge, purple
Cyperus rotundus
Nutsedge, yellow
Cyperus esculentus
Pennycress, field
Thlaspi arvense
Pennywort, lawn[1] **(dollarweed)**
Hydrocotyle bowlesioides
Quackgrass[1]
Elytrigia repens
Ryegrass, perennial
Lolium perenne
Sedge, globe
Cyperus croceus
Sedges, annual
Cyperus spp.
Shepherd's-purse
Capsella bursa-pastoris

[1] Suppression or partial control only

Directed-Spray Applications

This product may be applied as a post-directed spray around any established warm-season ornamental grass or established woody ornamental species in landscaped areas or field production nurseries. Avoid contact of this product with leaves of desirable plants as foliar injury, discoloration or loss of the plant may result.

Over-the-Top Applications

This product may be applied as an over-the-top application on the ornamental and groundcover species listed below:

American arborvitae
Thuja occidentalis
Azalea, dwarf
Rhododendron atlanticum
Bougainvillea[2]
Bougainvillea glabra
Boxwood, green velvet
Buxus 'Green Velvet'
Euonymus, wintercreeper
Euonymus fortunei
Gardenia
Gardenia jasminoides
Holly, blue
Ilex x meserveae
Holly, Chinese
Ilex cornuta
Jasmine, Asiatic
Trachelospermum asiaticum
Jasmine, star
Trachelospermum jasminoides
Juniper, Chinese
Juniperus chinensis
Juniper, creeping
Juniperus horizontalis
Juniper, shore
Juniperus conferta
Lilac
Syringa vulgaris
Mockorange, Japanese
Pittosporum tobira
Mondo grass
Ophiopogon japonicus
Monkey grass, big blue
Liriope muscari 'Big Blue'
Monkey grass, variegated
Liriope muscari 'Variegata'
Ninebark
Physocarpus opulifolius
Oleander
Nerium oleander
Periwinkle, greater
Vinca major
Photinia, fraser
Photinia x fraseri
Pine, mugo
Pinus mugo
Rhododendron
Rhododendron spp.
Rosemary
Rosmarinus officinalis
Spirea, goldmound
Spirea x 'Goldmound'

[2] Single application only

Preplant Applications

This product may be applied prior to planting the ornamental species listed below. Wait 14 days after the last application of this product before planting.

Boxwood, green velvet
Buxus 'Green Velvet'
Boxwood, green mountain
Buxus 'Green Mountain'
Burning Bush, dwarf
Euonymus alatus 'Compacta'
Euonymus, wintercreeper
Euonymus fortunei
Forsythia
Forsythia x intermedia
Holly, blue
Ilex x meserveae
Hydrangea, panicle
Hydrangea paniculata
Ivy, English
Hedera helix
Jasmine, winter
Jasminum nudiflorum
Juniper, Chinese
Juniperus chinensis
Juniper, creeping
Juniperus horizontalis
Lilac, dwarf Korean
Syringa meyeri 'Palibin'
Pine, mugo
Pinus mugo
Privet, golden
Ligustrum x vicaryi
Redbud
Cercis canadensis
Rhododendron
Rhododendron spp.
Serviceberry
Amelanchier alnifolia
Viburnum, American cranberrybush
Viburnum trilobum
Viburnum, Prague
Viburnum x pragense
Weigela
Weigela florida

NATIVE GRASSES

This product generally has been shown to be safe for use on the warm-season native grasses listed in this section.

Big bluestem
Andropogon gerardii
Blue grama
Bouteloua gracilis
Buffalograss
Bouteloua dactyloides
Bushy bluestem
Andropogon glomeratus
Indiangrass
Sorghastrum nutans
Little bluestem
Schizachyrium scoparium
Lovegrass
Eragrostis curvula
Switchgrass
Panicum virgatum

Use of this product may result in temporary chlorosis or temporarily affect the growth pattern of these native grasses. If discoloration or excessive thinning of the native grasses occurs, skip or delay additional applications to allow the native grasses to recover to a desirable quality.

Test this product on a small area prior to wide-scale use to determine if this product is suitable for your management and cultural practices.

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940 NW Cary Parkway, Suite 200
Cary, NC 27513

Sedge Control

For the selective control of the weeds listed in this section, apply this product at 1.25 ounces (0.058 lb ai) per acre after weeds have reached the 3- to 8-leaf stage of growth. A sequential application of 1.25 ounces (0.058 lb ai) per acre may be made 4 or more weeks after the initial treatment, if needed.

Restrictions:

- **Maximum Annual Use Rate:** 2.5 ounces (0.117 lb ai) per acre per year acre
- **Single Maximum Use Rate:** 1.25 ounces (0.058 lb ai) per acre
- **Maximum Number of Applications/Year:** 2
- **RTI:** 4 weeks

Kyllinga, false green
Kyllinga gracilima
Kyllinga, fragrant
Kyllinga sesquiflorus
Kyllinga, green
Kyllinga brevifolia
Nutsedge, purple
Cyperus rotundus
Nutsedge, yellow
Cyperus esculentus
Sedge, globe
Cyperus croceus
Sedges, annual
Cyperus spp.

Tall Fescue *(Festuca arundinacea)* Control

Best control of tall fescue is obtained when this product is applied at 1.25 ounces (0.058 lb ai) per acre followed by a second application of 1.25 ounces (0.058 lb ai) per acre at 21 to 28 days after the initial application. If a single application is preferred, apply this product at 2.0 ounces (0.093 lb ai) per acre.

Restrictions:

- **Maximum Annual Use Rate:** 2.5 ounces (0.117 lb ai) per acre per year
- **Single Maximum Use Rate:** 1.25 ounces (0.058 lb ai) per acre
- **Maximum Number of Applications/Year:** 2
- **RTI:** 21 days

Additional Weeds Controlled

For selective control or suppression of annual or perennial weeds listed in this section, apply this product at 1.25 ounces (0.058 lb ai) per acre. A sequential application of 1.25 ounces (0.058 lb ai) per acre may be made 4 or more weeks after the initial treatment, if needed.

Restrictions:

- **Maximum Annual Use Rate:** 2.5 ounces (0.117 lb ai) per acre per year
- **Single Maximum Use Rate:** 1.25 ounces (0.058 lb ai) per acre
- **Maximum Number of Applications/Year:** 2
- **RTI:** 4 weeks

Barley, little
Hordeum pusillum
Bedstraw, catchweed
Galium aparine
Beggarweed, Florida[1]*
Desmodium tortuosum
Bentgrass, creeping*
Agrostis stolonifera
Bluegrass, annual[1]
Poa annua
Bluegrass, bulbous
Poa bulbosa
Bluegrass, roughstalk
Poa trivialis
Burweed, lawn
Soliva pterosperma
Buttercup
Ranunculus arvensis
Buttonweed, Virginia[1]
Diodia virginiana
Chamber bitter*
Phyllanthus urinaria
Chickweed, common
Stellaria media
Clover, white
Trifolium repens
Crowfootgrass
Dactyloctenium aegyptium
Dallisgrass[1]
Paspalum dilatatum
Dandelion
Taraxacum officinale
Dichondra, Carolina*
Dichondra carolinensis
Garlic, wild
Allium vineale
Geranium, Carolina[1]
Geranium carolinianum
Henbit[1]
Lamium amplexicaule
Ivy, ground
Glechoma hederacea
Johnsongrass
Sorghum halepense
Mustard, wild
Sinapis arvensis
Pennycress, field
Thlaspi arvense
Quackgrass[1]
Elytrigia repens
Ryegrass, perennial
Lolium perenne
Shepherd's-purse
Capsella bursa-pastoris
Violet, wild[1]*
Viola nephrophylla
Woodsorrel, yellow*
Oxalis stricta

[1] Suppression or partial control only
* NOT FOR USE IN CALIFORNIA

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STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in a tightly closed container in a cool, dry place. Store in original container and out of reach of children, preferably in a locked storage area.

PESTICIDE DISPOSAL: Pesticide spray mixture or rinsate that cannot be used must be disposed of in a landfill approved for pesticides. Improper disposal of excess pesticide spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by the use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING:

Bag: Nonrefillable outer bag. **DO NOT** reuse or refill the outer bag. Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Plastic Container: Nonrefillable container. **DO NOT** reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a 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. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

LIMITATION OF WARRANTY AND LIABILITY

IMPORTANT: READ BEFORE USE. Read the entire Directions for Use, Conditions of Warranties and Limitations of Liability before using this product. If these terms and conditions are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following Disclaimer of Warranties and Limitations of Liability. **CONDITIONS:** The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Ineffectiveness, injury, and other unintended consequences may result because of such factors as manner of use or application (including misuse), the presence of other materials, weather conditions, and other unknown factors, all of which are beyond the control of ATTICUS, LLC. All such risks shall be assumed by the user or buyer. **DISCLAIMER OF WARRANTIES:** To the extent consistent with applicable law, ATTICUS, LLC makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond statements on this label. **LIMITATIONS OF LIABILITY:** To the extent consistent with applicable law, neither ATTICUS, LLC the manufacturer, nor the Seller shall be liable for any indirect, special, incidental or consequential damages resulting from the use, handling, application, storage, or disposal of this product. To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use, handling, application, or storage of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid.

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