### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed in the next column. If you want more options, follow the instructions for category A on an EPA chemical-category selection chart.

**Applicators using spray equipment mounted on their backs must wear:** Coveralls over long-sleeved shirt and long pants, chemical-resistant gloves such as polyethylene or polyvinyl chloride and chemical-resistant footwear plus socks.

**Mixers, loaders, applicators, flaggers, and other handlers must wear:** Long-sleeved shirt and long pants, chemical-resistant gloves such as polyethylene or polyvinyl chloride, shoes plus socks and chemical-resistant apron, when mixing/loading, cleaning up spills, cleaning equipment, or otherwise exposed to the concentrate. See engineering controls for additional requirements.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product’s concentrate.

Do not reuse them.

Follow manufacturer’s instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water.

Keep and wash PPE separately from other laundry.

### ENGINEERING CONTROLS

Water-soluble packets when used correctly qualify as a closed mixing/loading system under the Worker Protection Standard (WPS) for Agricultural Pesticides [40 CFR 170.240(d)(4)].

**Mixers and loaders using water-soluble packets must wear:** Wear the personal protective equipment required on this labeling for mixers and loaders, and be provided and have immediately available for use in an emergency, such as a broken package, spill, or equipment breakdown, chemical-resistant footwear.

Pilots must use an enclosed cockpit in a manner that is consistent with the WPS for Agricultural Pesticides [40 CFR 170.240(d)(6)].

Pilots must wear the PPE required on this labeling for applicators, however, they need not wear chemical-resistant gloves when using an enclosed cockpit.

Flaggers supporting aerial applications must use an enclosed cab that meets the definition on the WPS for Agricultural Pesticides [40 CFR 170.240(d)(5)] for dermal protection.

When applicators use enclosed cabs in a manner that meets the requirements listed in the WPS for Agricultural Pesticides [40 CFR 170.240(d)(5)], the handler PPE requirements may be reduced or modified as specified in the WPS.

### 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. This product must not be mixed or loaded within 50 feet of intermittent streams and rivers, natural or impounded lakes and reservoirs. This product must not be applied within 66 feet of points where fresh 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 other suitable crops.

This 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 involves mixing, loading, rinsing or washing of this product into or from pesticide handling or application equipment or containers within 50 ft. 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 or rainwater 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 unrooted pad shall be of sufficient capacity to contain at a minimum 110% of the capacity of the largest pesticide container or application equipment or of sufficient size to completely exclude precipitation from contact with tank capacity of 100% of the capacity of the largest pesticide container. Containment capacities as described above shall be maintained at container capacities do not apply to vehicles when delivering pesticide. Additional State imposed requirements regarding well-head setbacks observed.

This pesticide is toxic to aquatic invertebrates. Do not apply directly to present or to intertidal areas below the mean high water mark. Do not from treated areas. Runoff and drift from treated areas may be hazard areas. Do not contaminate water when disposing of equipment wash water.

### TILE-OUTLETTED TERRACED FIELDS CO

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

1. Do not apply this product within 66 feet of standpipes in tile-outlet.
2. Apply this product to the entire tile-outletted terrace field and imm inches in the entire field.
3. Apply this product to the entire tile-outletted terrace field under a management practices are used. High crop residue management practice where little or no crop residue is removed from the field.

### GENERAL INFORMATION

Atrazine 90 WSP Herbicide will control most annual Broadleaf and C crop product may be applied before or after weeds emerge.

In each case where a range of rates is given, the lower rate should be used in organic matter and the higher rate should be used on fine-textured soils. Following many years of continuous use of this product and chemically and weeds listed on this label have been reported which cannot be controlled by this product. Where this is known or suspected and weeds controlled by atrazine is not effective, we recommend the use of this product registered herbicides which are not triazines. If only resistant biot chemical-resistant non-triazine herbicides. Consult with your State Agric recommendations.

Since this product acts mainly through root absorption, its effectiveness root zone. Should weeds develop, a shallow cultivation or rotary hoeing This product is non-corrosive to equipment and metal surfaces, conductivity. Avoid using this product near adjacent desirable plants avoid spray drift, do not apply under windy conditions. Avoid spray ov

**Note:** The Seller does not recommend the use of this product in comb applications to agricultural field crops. These requirements do not apply to or to applications using dry formulations.

**FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTION WEED CONTROL, CROP INJURY OR ILLEGAL RESIDUES.**

Do not apply this product through any type of irrigation system.

### SPRAY DRIFT MANAGER

Avoiding spray at the application site is the responsibility of the applic and weather-related factors determine the potential for spray drift. Th avoid spray drift, do not apply under windy conditions. Avoid spray ov

**Note:** The Seller does not recommend the use of this product in comb applications to agricultural field crops. These requirements do not apply to or to applications using dry formulations.

1. The distance of the outermost nozzles on the boom must not exceed or rotate.
2. Nozzles must always point backward parallel with the airstream an 45 degrees.

Where states have more stringent regulations, they should be observe The applicator should be familiar with and take into account the **Reduction Advisory Information** section below.

### Aerial Drift Reduction Advisory I

**Information on Droplet Size**

The most effective way to reduce drift potential is to apply large droplets to apply the largest droplets that provide sufficient coverage and corros potential, but will not prevent drift if applications are made in proper conditions (see **Wind, Temperature and Humidity**, and **Temperature**

### USER SAFETY RECOMMENDATIONS

**Users should:**
1. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. 2. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. 3. 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.
Atrazine 90 WSP Herbicide will control most annual broadleaf and grass weeds as specified on this label. This product may be applied before or after weeds emerge. In each case where a range of sizes is given, the lower rate should be used on Coarse textured soil and soils low in organic matter and the higher rate should be used on Fine textured soil and soils high in organic matter. Following many years of continuous use of this product and chemically related products, biotypes of some of the weeds listed on this label have been reported which cannot be effectively controlled by this and related herbicides. Where this is known or suspected weeds controlled by this product are expected to be present along with resistant biotypes, we recommend the use of this product in combinations or sequence with other registered herbicides which are not triazines. If only resistant biotypes are expected to be present, use a registered non-triazine herbicide. Consult with your State Agricultural Extension Service for specific recommendations.

Controlling Droplet Size
• Wind–Use high flow rate nozzles to apply the highest produce large droplets.
• Pressure–Do not exceed the nozzle manufacturer’s rec pressure produces larger droplets. When higher flow rate increasing pressure.
• Number of Nozzles–Use the minimum number of nozzle
• Nozzle Orientation–Orientation nozzles so that the spray droplets from other orientations and is the recommend reduce droplet size and increase drift potential.
• Nozzle Type–Use a nozzle type that is designed for the t spray angles produce larger droplets. Consider using to back produce larger droplets than other nozzle types.

Boom Length
For some use patterns, reducing the effective boom length may further reduce drift without reducing swath width.

Application Height
Applications should not be made at a height greater than greater height is required for aircraft safety. Making applica droplets to evaporation and wind.

Swath Adjustment
When applications are made with a crosswind, the swath downwind edges of the field, the applicator must comp aircraft upward. Swath adjustment distance should increa drops, etc.).

Wind
Drift potential is lowest between speeds of 2 to 10 m/permit equipment type determine drift potential at any given s pne vented surface and high inversion potential.

Note: Local terrain can influence wind patterns. Every aps how they affect spray drift.

Temperature and Humidity
When making applications in low relative humidity, set up for evaporation. Droplet evaporation is most severe when

Temperature Inversions
Applications should not occur during a temperature inversions restrict vertical air mixing which causes smi cloud. This cloud can move in unpredictable direction inversions. Temperature inversions are characterized common on nights with limited cloud cover and light to g continues into the morning. Their presence can be indic inversions can also be identified by the movement of gener. Smoke that layers and moves laterally in indicates an inversion, while smoke that moves upward movi

Sensitive Areas
This pesticide should only be applied when the potenti areas, bodies of water, know habitat for threatened or w when wind is blowing away from the sensitive area.

APPLICATION P
Ground Application: Use conventional ground sprays uniform application. Be certain that nozzles are uniformly use and recalibrate at the start of each season and when minimum of 10 gallons of spray mixture per acre for all pr post-emergence applications (with or without oil or s. Use a pump with capacity to: 1) Maintain 35 to 40 psi at mixture in suspension; and 3) To provide a minimum of 20 Use centrifugal pumps which provide propeller shear act should provide a minimum of 10 gallons per minute pe positioned sparger tube or jets.

Use screens to protect the pump and to prevent nozzles f pump should be 16-mesh or coarser. Do not place a sc screens between the pump and boom and where req reccomendations.
CONTAINING SANDPIPES

...
ggest practical spray volume. Nozzles with higher rated flows is recommended. For many nozzle types, lower flow rates are needed, use higher flow rate nozzles instead of nozzles that provide uniform coverage. 

Spray is released parallel to the airstream produces larger atomized particles. Significant deflection from horizontal will or the intended application. With most nozzle types, narrow spray does not disperse uniformly. Solid stream nozzles oriented straight on length to less than fourths of the wingspan or rotor 0.5 length the top of the largest plants unless a application’s lowest height that is safe reduces exposure will be displaced downwind. Therefore, on the up and impede for this displacement by adjusting the path of increasing drift potential (higher wind, smaller 0 mph. However, many factors, including droplet size and wind speed. Application should be avoided below 2 mph due to nky applicator should be familiar with local wind patterns and set up equipment to produce larger droplets to compensate when conditions are both hot and dry. 

ure inversion because drift potential is high. Temperature is small suspended droplets to remain in a concentrated sections due to the light variable winds common during reaersed by increasing temperatures with altitude and are hot in no wind. They begin to form as the sun sets and often 0.5 inch indicated by ground fog; however, if fog is not present, wind from a ground source or an aircraft smoke plume in a concentrated cloud (under low wind conditions) upward and rapidly dissipates indicates good vertical air set for drift to adjacent sensitive areas (e.g., residential 1 or endangered species, non-target crops) is minimal (e.g., o.5 in use)

IN PROCEDURES 

Sprayers equipped with nozzles that provide accurate and sharp spacing are the same size. Calibrate sprayer before first changing carriers. Unless otherwise specified, use a all pre-plant incorporated, pre-plant surface, pre-emergence or surfactant) with ground equipment. 

psi at nozzles; 2) Provide sufficient agitation in tank to keep 15% of 20% bypass at all times; 3) Stop action for dispensing and mixing this product. The pump will per 100 gallon tank size circulated through a correctly celes from clogging. Screens placed on the suction side of the a screen in the recirculation line. Use 50-mesh or coarser re required, at the nozzles. Check nozzle manufacturer’s For band application, calculate the amount to be applied per acre as follows:

<table>
<thead>
<tr>
<th>Band width in inches</th>
<th>X</th>
<th>Broadcast rate</th>
<th>Amount needed</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>1</td>
<td>lbs/acre</td>
<td>150 lbs/acre</td>
</tr>
</tbody>
</table>

AERIAL APPLICATION: Use aerial application only where broadcast applications are specified. Apply in a minimum of 1 gallon of water for each pound of this product applied per acre. For post-emergence treatments, apply recommended rate in a minimum of 3 gallons of water per acre. Avoid applications under conditions where uniform coverage cannot be obtained or where excessive spray drift may occur. Avoid application to humans or animals. Flagmen and loaders should avoid inhalation of spray mist and prolonged contact with skin.

**THIS PRODUCT IN WATER OR LIQUID FERTILIZER APPLICATIONS**

Nitrogen solutions or complete liquid fertilizers may replace all or part of the water as a carrier. Check the compatibility of this product with liquid fertilizer and/or nitrogen solution as shown below before use. Commercial application equipment may improve compatibility in some instances.

The following text assumes a spray volume of 25 gallons per acre. For other spray volumes, make appropriate changes in the ingredients.

**Check compatibility using this procedure:**

1. Add 1 pint of fertilizer to each of 2 one-quart jars with tight lids.
2. To one of the jars, add 0.25 teaspoon or 1.2 milliliters of a compatibility agent approved for this use, such as Compsyn® or Unite® (0.25 teaspoon is equivalent to 2 pints per 100 gallons of spray). Shake or stir gently to mix.
3. To both jars, add the appropriate amount of herbicide(s). If more than one herbicide is used, add them separately with dry herbicides first, flowables next and emulsifiable concentrates last. After each addition, shake or stir gently to thoroughly mix. The appropriate amount of herbicides for this test follows:

   **Dry Herbicides:** For each pound to be applied per acre, add 1.5 level teaspoons to each jar.
   **Liquid Herbicides:** For each pint to be applied per acre, add 0.5 teaspoon or 2.5 milliliters to each jar.
4. After adding all ingredients, put lids on and tighten each jar ten times to mix. Let the mixtures stand 15 minutes and then look for separation, large flakes, precipitates, gels, heavy oil film on the jar or other signs of incompatibility. Determine if the compatibility agent is needed in the spray mixture by comparing the two jars. If either mixture separates, but can be re-mixed readily, the mixture can be sprayed as long as good agitation is used. If the mixtures are incompatible, test the following methods of improving compatibility:
   a) Mix the dry herbicide(s) into water first, or
   b) Add one-half of the compatibility agent to the fertilizer and the other one-half of the emulsifiable concentrate or flowable herbicide before addition to the mixture. If incompatibility is still observed, do not use the mixture.

**APPLICATION IN WATER PLUS EMULSIFIABLE OIL OR OIL CONCENTRATE**

Adding emulsifiable oil (petroleum-derived oil concentrate or single or mixed crop-derived oil concentrate) to post-emergence water-based sprays may improve weed control. However, under certain conditions, the use of either type of oil may seriously injure susceptible crops. To minimize this possibility, observe the following directions.

**Use one of the following properly emulsified:**

1. A suitable oil concentrate containing at least 1% but not more than 20% suitable emulsifier or surfactant blend.
2. Petroleum-derived oil containing at least 1% suitable emulsifier.
3. Nitrogen solutions or complete liquid fertilizers may replace all or part of the water as a carrier. Check the compatibility of this product with nitrogen solution or solvent.

**Note:** In the event of a compatibility problem when mixing oil with this product and water, a compatibility agent such as Compsyn® or Unite® should be used. Any of the above oils contaminated with water or other materials can cause compatibility problems and/or crop injury.

**MIXING PROCEDURES (ALL USES)**

1. Be sure sprayer is clean and not contaminated with any other materials or crop injury or sprayer clogging may result.
2. Fill tank one-fourth full with clean water, nitrogen solution or complete liquid fertilizer.
3. Start agitation.
4. Be certain that the agitation system is working properly and creates a rippling or rolling action on the liquid surface.
5. Drop the unopened pak of this product directly into tank.
6. Continue filling tank until 80% full. Increase agitation if necessary to maintain surface action.
7. Add emulsifiable oil, oil concentrate or tank mix herbicide(s) after this product is thoroughly suspended.
8. Finish filling tank.
9. Empty tank as completely as possible before refilling to prevent build up of oil or emulsifiable concentrate residue. Maintain agitation to avoid separation of materials.
10. If an oil or emulsifiable concentrate film starts to build up in tank, drain it and clean with strong detergent solution or solvent.
11. Clean sprayer thoroughly immediately after use by flushing system with water containing detergent.

**DIREC**

Paks containing this product are tank. Do not handle paks with water or dry the tank while filling. Depending on the water temperature, approximately 5 minutes from the point of contact with skin. Note: Products containing boron and/or fertilizer products must use

It is a violation of Federal Law to this product in the AREA WH this product, you must consult the information to prohibit aerial application or ground spraying. The requirements in this box are Part 170. This standard contain nurseries, greenhouses and h decontamination, notification are required, at the statements on interval (REI). The requirements Do not enter or allow workers to 

**NON-AGR**

The requirements in this box are a Protection Standard for agriculturists to produce agricultural plants or 

**ROADSIDE**

To control certain annual Weeds and grasses, including Cheatgrass (D) and/or Tumble mustard, b water by ground equipment in established Grasses green-up and bluestem, Blue-grama, Bromegr Summit, Switchgrass and Western bluegrass. The requirements in this box are to the desired perennial

**USE PRECAUTIONS AND REST**

1. Do not cut or feed roadside grasses. 
2. Do not allow livestock to graze. 
3. Do not plant any non-agricultural plants in the area of use for more than 1 year after use. 

**CONIFERS**

For control of annual Broadleaf Conifers (including Austrian pine, Loblolly pine, Lodgepole pine (Sh Sitka spruce and White fir), Broad acre by air or 10 gals. by ground
DIRECTIONS FOR WATER-SOLUBLE BAGS

Paks containing this product are water-soluble. Do not allow paks to become wet prior to adding to the spray tank. Do not handle paks with wet hands. To prepare the spray mixture, drop the required number of unopened paks into spray tank while filling with the appropriate amount of water. Operate the agitator while mixing. Depending on the water temperature and the degree of agitation, the paks should be completely dissolved in approximately 5 minutes from the time they are added to the water. Use the specified dosage of this product in the amount of water necessary to give complete coverage.

Note: Products containing boron and/or fertilizers will prevent the water-soluble packet from dissolving. Boron and/or fertilizer products must only be added after packet(s) have completely dissolved.

DIRECTIONS FOR USE

RESTRICTED USE PESTICIDE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. 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.atrizine 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 Helena Chemical Company for a refund. Do not apply this product through any type of irrigation system. 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 applications. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard (WPS), 40 CFR Part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, 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 (REI). The requirements in this box only apply to uses of this product that are covered by the WPS. Do not enter or allow worker entry into treated areas during the REI of 12 hours.

Exception: If the product is soil-injected or soil incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for early entry to treated areas that is permitted under the WPS and that involves contact with anything that has been treated.

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 for agricultural pesticides (40 CFR part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses.

Do not enter or allow others to enter treated areas until sprays have dried.

ROADSIDES

To control certain annual Weeds in established perennial Grasses along roadsides in CO, KS, MT, ND, NE, SD and WY, including Cheatgrass (Downy brome, Chess), Common (Annual) bromeweed, Little barley, Medusahead, Sagewort and Tumble mustard, broadcast 1.1 pounds of this product per acre in a minimum of 10 gallons of water by ground equipment in the Fall before ground freezes or after thawing in the Spring, but before the established Grasses green-up and before weeds emerge. Examples of desirable established Grasses include Big bluestem, Blue-grama, Bromegrass, Buffalograss, Crested wheatgrass, Indiangrass, Little bluestem, Side-oats grama, Switchgrass and Western wheatgrass. Apply only once per year. Temporary discoloration or other form of injury to the desirable perennial Grasses may occur following application.

USE PRECAUTIONS AND RESTRICTIONS – To avoid illegal residues:

1. Do not cut or feed roadside Grass hay.
2. Do not allow livestock to graze treated areas.
3. Do not apply more than 1 pound a.i./A (1.1 lbs. of this product/A for any application. Make only one application per year.

CONIFERS

For control of annual Broadleaf and Grass weeds prior to transplanting, after transplanting or in established Conifers (including Austrian pine, Bishop pine, Blue spruce, Douglas fir, Grand fir, Jeffrey pine, Knobcone pine, Loblolly pine, Lodgepole pine (Shore pine), Monterey pine, Noble fir, Ponderosa pine, Scotch pine, Slash pine, Sitka spruce and White fir), broadcast 2.2 to 4.4 pounds of this product in a minimum of 5 gals. of water per acre by air or 10 gals. by ground before weeds are 1.5 inches tall. Apply to established trees between Fall and

### TABLE: DIRECTIONS FOR USE

<table>
<thead>
<tr>
<th>Procedure</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>WATER SOLUBILITY</strong></td>
<td>Emulsions and/or fertilizers must only be added after packet(s) have completely dissolved.</td>
</tr>
<tr>
<td><strong>ATRASINE SOLUBILITY</strong></td>
<td>Paks containing this product are water-soluble. Do not allow paks to become wet prior to adding to the spray tank. Do not handle paks with wet hands.</td>
</tr>
<tr>
<td><strong>APPLICATION DIRECTIONS</strong></td>
<td>To prepare the spray mixture, drop the required number of unopened paks into spray tank while filling with the appropriate amount of water. Operate the agitator while mixing. Depending on the water temperature and the degree of agitation, the paks should be completely dissolved in approximately 5 minutes from the time they are added to the water. Use the specified dosage of this product in the amount of water necessary to give complete coverage.</td>
</tr>
<tr>
<td><strong>NOTES</strong></td>
<td>Products containing boron and/or fertilizers will prevent the water-soluble packet from dissolving. Boron and/or fertilizer products must only be added after packet(s) have completely dissolved.</td>
</tr>
</tbody>
</table>

### TABLE: AGRICULTURAL USE REQUIREMENTS

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PPE</strong></td>
<td>PPE required for early entry to treated areas that is permitted under the WPS and that involves contact with anything that has been treated.</td>
</tr>
<tr>
<td><strong>WPS</strong></td>
<td>The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses.</td>
</tr>
<tr>
<td><strong>NON-AGRICULTURAL USE REQUIREMENTS</strong></td>
<td>The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses.</td>
</tr>
</tbody>
</table>

### TABLE: ROADSIDES

<table>
<thead>
<tr>
<th>Weed Type</th>
<th>Application Method</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cheatgrass, Common (Annual) bromeweed, Little barley, Medusahead, Sagewort and Tumble mustard</td>
<td>Broadcast</td>
<td>1.1 pounds of this product per acre in a minimum of 10 gallons of water by ground equipment in the Fall before ground freezes or after thawing in the Spring, but before the established Grasses green-up and before weeds emerge.</td>
</tr>
</tbody>
</table>

### TABLE: USE PRECAUTIONS AND RESTRICTIONS

<table>
<thead>
<tr>
<th>Precaution</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1</strong></td>
<td>Do not cut or feed roadside Grass hay.</td>
</tr>
<tr>
<td><strong>2</strong></td>
<td>Do not allow livestock to graze treated areas.</td>
</tr>
<tr>
<td><strong>3</strong></td>
<td>Do not apply more than 1 pound a.i./A (1.1 lbs. of this product/A for any application. Make only one application per year.</td>
</tr>
</tbody>
</table>

### TABLE: CONIFERS

<table>
<thead>
<tr>
<th>Conifer Type</th>
<th>Application Method</th>
<th>Description</th>
</tr>
</thead>
</table>
| Austrian pine, Bishop pine, Blue spruce, Douglas fir, Grand fir, Jeffrey pine, Knobcone pine, Loblolly pine, Lodgepole pine, Monterey pine, Noble fir, Ponderosa pine, Scotch pine, Slash pine, Sitka spruce and White fir | Broadcast | 2.2 to 4.4 pounds of this product in a minimum of 5 gals. of water per acre by air or 10 gals. by ground before weeds are 1.5 inches tall. Apply to established trees between Fall and
early Spring while trees are dormant. For new transplants, apply during or soon after transplanting. For applications prior to transplanting, allow sufficient precipitation to activate atrazine before transplanting. In areas where Spring and Summer rainfall is inadequate to activate atrazine, apply during Fall prior to Spring transplanting.

**USE PRECAUTIONS AND RESTRICTIONS**
1. In areas West of the Rocky Mountains (except the Great Basin), grazing may begin 7 months after a Fall application or 3 months after a Winter or Spring application.
2. To prevent illegal residues, do not graze treated areas of the Great Basin, or areas East of the Rocky Mountains.
3. Temporary injury to trees may occur following the use of atrazine on Coarse textured soil. To avoid injury, do not apply to seedbeds.
4. Do not apply more than one application per year.
5. Do not apply more than 4 lbs. a.i. (4.4 lbs. of this product) per year.
6. Do not apply more than 4 lbs. a.i. (4.4 lbs. of this product) per acre for any application.

**AERIAL APPLICATION:** In order to assure that spray will be controllable within the target area when used according to label directions, make applications at a maximum height of 10 feet above vegetation, unless a greater height is required for aircraft safety, using low drift nozzles at a maximum pressure of 40 psi and restricted application to periods when wind speed does not exceed 10 mph. To assure that spray will not adversely affect adjacent sensitive non-target plants, apply this product by aircraft at a minimum upwind distance of 400 feet from sensitive plants.

**ST. AUGUSTINE GRASS, CENTIPEDEGRASS AND DORMANT BERMUDAGRASS**

This product controls Annual bluegrass, Florida betony, Spurweed and many other problem weeds in home lawn, ornamental and recreational turf and other non-crop areas such as highway right-of-ways and similar areas. This product may be applied with any pump-up or compressed air type sprayer or with a hoe-on type sprayer. This product will control both emerged weeds and weeds from seeds. Rain or watering within 2 to 3 days of application may decrease the effectiveness on emerged weeds. However, for control of weeds from seeds, rainfall or watering is necessary within 7 to 10 days after treatment.

**ST. AUGUSTINE GRASS, CENTIPEDEGRASS AND DORMANT BERMUDAGRASS**

**USE PRECAUTIONS AND RESTRICTIONS**
1. Do not apply in combination with surfactants or other spray additives.
2. Do not apply within 30 days prior to cutting or lifting.
3. Do not apply where Annual bluegrass is the major weed, use 1.1 pounds of this product per acre per year. Do not apply over the rooting area of Trees or Ornamentals not listed on this label.
4. Do not use on golf greens.
5. Do not use North of NC (except West of the high rainfall areas of Eastern OK and Eastern TX). Do not apply over the root area of Trees or Ornamentals not listed on this label.
6. Do not apply to golf greens or illegal residues may occur following the use of atrazine on Coarse textured soil. To avoid injury, do not apply to seedbeds.

**AERIAL APPLICATION:** In order to assure that spray will be controllable within the target area when used according to label directions, make applications at a maximum height of 10 feet above vegetation, unless a greater height is required for aircraft safety, using low drift nozzles at a maximum pressure of 40 psi and restricted application to periods when wind speed does not exceed 10 mph. To assure that spray will not adversely affect adjacent sensitive non-target plants, apply this product by aircraft at a minimum upwind distance of 400 feet from sensitive plants.

**ST. AUGUSTINE GRASS, CENTIPEDEGRASS AND DORMANT BERMUDAGRASS**

This product controls Annual bluegrass, Florida betony, Spurweed and many other problem weeds in home lawn, ornamental and recreational turf and other non-crop areas such as highway right-of-ways and similar areas. This product may be applied with any pump-up or compressed air type sprayer or with a hoe-on type sprayer. This product will control both emerged weeds and weeds from seeds. Rain or watering within 2 to 3 days of application may decrease the effectiveness on emerged weeds. However, for control of weeds from seeds, rainfall or watering is necessary within 7 to 10 days after treatment.

**ST. AUGUSTINE GRASS, CENTIPEDEGRASS AND DORMANT BERMUDAGRASS**

**USE PRECAUTIONS AND RESTRICTIONS**
1. Do not apply where Annual bluegrass is the major weed, use 1.1 pounds of this product per acre per year. Do not apply over the rooting area of Trees or Ornamentals not listed on this label.
2. Do not graze or feed turf clippings to animals or illegal residues may occur following the use of atrazine on Coarse textured soil. To avoid injury, do not apply to seedbeds.
3. Do not apply where Annual bluegrass is the major weed, use 1.1 pounds of this product per acre per year. Do not apply over the rooting area of Trees or Ornamentals not listed on this label.
4. Do not use North of NC (except West of the high rainfall areas of Eastern OK and Eastern TX). Do not apply to golf greens or illegal residues may occur following the use of atrazine on Coarse textured soil. To avoid injury, do not apply to seedbeds.

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3r soon after transplanting. For atrazine before transplanting. In apply during Fall prior to Spring
5 gallons of water per acre by air
and before Quackgrass is more
may begin 7 months after a Fall
in, or areas East of the Rocky
1 textured soil. To avoid injury, do
y application, within the target area where used feet above vegetation, unless a 1 pressure of 40 psi and restricted at spray will not adversely affect sum upward distance of 400 feet
AGRASS
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amental plants such as Azaleas, normally cause injury to medium getable gardens) to treated areas ply more than 1.1 pounds of this

1. For Muck or Peat soils, do not apply more than 4 lbs. a.i. (4.4 lbs. of this product) per acre for any application. Use only on turfgrass reasonably free of infestations of insects, nematodes and diseases. 2. Do not use on golf greens. 3. Do not use North of NC (except may be used in VA Coastal Plains) or West of the high rainfall areas of Eastern OK and Eastern TX. 4. Do not use on Much or Alkaline soils. 5. Do not apply over the rooting area of Trees or Ornamentals not listed on this label. 6. Do not overdose with desirable Bermuda grass within 4 months before or 6 months after treatment. 7. Do not apply this product to newly seeded Bermuda grass until it has over-Wintered and has a well-developed rhizome system. Do not exceed 2.2 lbs. of this product per acre within 12 months of seeding Bermuda grass.

TURFGRASS FOR FAIRWAYS, LAWNS, SOD PRODUCTION* AND SIMILAR AREAS ("Except FL")

ST. AUGUSTINE AND CENTIPEDEGRASSES

This product may be applied to established Centipedegrasses and St. Augustine grasses during both the dormant and the growing season. Best results are usually obtained in the early Spring or dormant periods when weeds are small or have not emerged. Follow rates listed.

DORMANT BERMUDAGRASS

This product may be applied to Bermuda grass during the dormant season only. Applications to Bermuda grass during the growing season will cause injury. Follow rates below.

RATE OF APPLICATION

Determine the total area to be sprayed and base rate of application on the chart below. Avoid overlapping spray pattern while treating.

<table>
<thead>
<tr>
<th>Area to be Treated</th>
<th>Amount of This Product</th>
</tr>
</thead>
<tbody>
<tr>
<td>11.3 acres</td>
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H Floreat® is a registered trademark of Hopkins Agricultural Chem

PESTICIDE DISPOSAL:

1. Collect and place in suitable containers for disposal.
2. Wash with soap and water to remove remaining product.
3. Follow washing with clean water rinse.
4. Do not allow runoff to enter sewer or contaminate water.
5. Dispose of waste as indicated below.
7. Use of approved waste disposal facilities.
8. CONTAINER DISPOSAL: Completely empty bag into a sanitary landfill or by incineration, or, if allowed by State out of smoke.

STORAGE AND USE:

Store in a cool, dry area in original container. Do not store near food or feed or open container when in contact with food or feed. Do not feed or water livestock for 7 days following application. Do not apply to grass that will be grazed or mowed within 30 days of application. Do not apply to livestock areas that have been treated with atrazine under any circumstances.

DO NOT contaminate water, food, feed or storage and disposal of this product. Do not contaminate water, food, feed or storage and disposal of this product. Do not contaminate water, food, feed or storage and disposal of this product. Do not contaminate water, food, feed or storage and disposal of this product. Do not contaminate water, food, feed or storage and disposal of this product.

WATER-SOLUBLE PACKS: Carefully open outer bag. Never apply to rooftop or roof of buildings. Do not apply to rooftop or roof of buildings. Do not apply to rooftop or roof of buildings. Do not apply to rooftop or roof of buildings.

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<th>25 lbs.</th>
</tr>
</thead>
</table>

**USE PRECAUTIONS AND RESTRICTIONS**

1. Do not cut or feed grass hay to livestock.
2. Do not graze treated areas.
3. Do not use seeds for bird food.
4. Do not dump or spill product or dispose of container within reach of livestock.
5. Follow all applicable restrictions for the Conservation Reserve Program.
6. Do not apply more than 2 lbs. a.i. (2.2 lbs. of this product) per acre for any application.
7. Do not make more than one application per year.

**SEVERE DROUGHT CONDITIONS**

Do not graze forage or cut forage for hay. Under severe drought conditions, the Conservation Reserve Program allows grazing and making of hay from CRP acres, as so specified by the local ASCS (Agricultural Stabilization & Conservation Service) office. This label does not allow grazing or making of hay from CRP areas that have been treated with atrazine under any circumstance.

**STORAGE AND DISPOSAL**

- Do not contaminate water, food or feed by storage and disposal.
- **PESTICIDE STORAGE:** Storage should be under lock and key and secure from access by unauthorized persons and children. Storage should be in a cool, dry area away from any heat or ignition source. Do not stack over 2 pallets high. Move bags carefully so as not to tear or puncture. Do not move containers from one area to another unless they are securely sealed. Keep container tightly sealed when not in use. Do not allow bags in an enclosed space or not in a damp, humid area. Keep away from any puncture source. Avoid storage near water supplies, food, feed and fertilizer to avoid contamination. Store in original container only. If the contents are leaking or material is spilled, follow these steps:
  1. Collect and place in suitable containers for disposal.
  2. Wash area with soap and water to remove remaining pesticide.
  3. Follow washing with clean water rinse.
  4. Do not allow runoff to enter sewer or contaminate water supplies.
  5. Dispose of waste as indicated below.
- **WATER-SOLUBLE PAKS:** Carefully open outer bag. Never open the water-soluble pouch.
- **PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.
- **CONTAINER DISPOSAL:** 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.

**WARRANTY – CONDITIONS OF SALE**

OUR RECOMMENDATIONS 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 recommended and other influencing factors in the use of this product are beyond the control of the Seller. Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith.

In no case shall the Manufacturer or the Seller be liable for consequential, special or indirect damages resulting from the use of 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.

SURF-AC® is a registered trademark of Drexel Chemical Company.
Compex® is registered trademark of Kalo Agricultural Chemicals, Inc.
Unite® is a registered trademark of Hopkins Agricultural Chemical Company.
From 1 to 2% organic matter. Use the high rate on soils
renewal range grasses planted on CRP acres
ss, Sideoats grama, and Western wheatgrass.
prior to weed emergence, or in the Fall before the ground
ore the ground freezes and prior to weed emergence after
rowing season for control or partial control of the weeds
height of 10 ft. above vegetation. Use low-drift nozzles at
periods when wind speed does not exceed 10 mph to
ct adjacent sensitive nontarget plants, apply this product
sensitive plants. Use 3-5 gals./A total water volume; use
cover is present.

r within reach of livestock.

Reserve Program.

UIT CONDITIONS
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State and Local authorities, by burning. If burned, stay

ITIONS OF SALE
are based upon tests believed reliable. Follow directions
and crop conditions, mixtures with other chemicals not
in the use of this product are beyond the control of the
ing of this material not in strict accordance with directions
for consequential, special or indirect damages resulting
and/or handling is not in strict accordance with directions
the Seller and is accepted as such by the buyer.

C Company
Chemicals, Inc.
I Chemical Company.

Atraz

For season-long
Conifers,

ACTIVE INGREDIENTS:
Atrazine . . . . . . . . . . . . . . . . . . . . . . .
Related Compounds . . . . . . . . . . . . .
OTHER INGREDIENTS: . . . . . . . . . . . .
TOTAL . . . . . . . . . . . . . . . . . . . . .

KEEP OUT

IF SWALLOWED:
• Call a
• Have p
• Do not
IF ON SKIN OR
CLOTHING:
• Take o
• Rinse
IF IN EYES:
• Hold e
• Remo
IF INHALED:
• Move
• If pers
NOTE TO PHYSICIAN:
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induce emesis or lavage stom
considered.
SN 122904

EPA Reg. No. 19713-76-5905
EPA Est. No. 5905-IA-001=DI

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9988.Atrazine 90 WSP.LFLT 3/5/05 11:20 AM Page 2 (4,1)
Atrazine 90 WSP
Herbicide

For season-long weed control in Chemical Fallow, Conifers, Fallowland, Lawns and Turf

ACTIVE INGREDIENTS:
Atrazine 88.4%
Related Compounds 1.6%

OTHER INGREDIENTS: 10.0%

TOTAL 100.0%

SN 122904
EPA Reg. No. 19713-76-5905
EPA Est. No. 5905-IA-001=DI Water-Soluble Package

KEEP OUT OF REACH OF CHILDREN
CAUTION
SEE FIRST AID BELOW

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 15-20 minutes.

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.

IF INHALED:
• Move person to fresh air.
• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.

Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

NOTE TO PHYSICIAN: There is no specific antidote for atrazine. If this product is ingested, induce emesis or lavage stomach. The use of an aqueous slurry of activated charcoal may be considered.

NET CONTENTS: 5 x 2.2 Lbs. WSP

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