



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

November 10, 201

Mary Beth Endres
Regulatory Manager
Liberty Crop Protection, LLC.
1880 Fall River Drive, Suite 100
Loveland, CO 80538

Subject: Registration Review Label Amendments for Atrazine Incorporating Mitigation Measures from the Interim Decision and the Technical Registrants' Commitments for the Endangered Species Act (ESA) Biological Evaluation
Product Name: LIBERTY ATZ 4L
EPA Registration Number: 89168-35
Application Date: 11/23/2020
Decision Number: 579576

Dear Ms. Endres:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the Atrazine Interim Decision and with the technical registrants' commitments for the ESA Biological Evaluation. The Agency has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved

Page 2 of 2
EPA Reg. No. 89168-35
Decision No. 579576

labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

If you have any questions about this letter, please contact Samantha Thomas at thomas.samantha@epa.gov.

Sincerely,

A handwritten signature in blue ink, appearing to read "Linda Arrington", with a long horizontal flourish extending to the right.

Linda Arrington, Branch Chief
Risk Management and Implementation Branch 4
Pesticide Re-Evaluation Division
Office of Pesticide Programs

Enclosure

RESTRICTED USE PESTICIDE

(GROUND AND SURFACE WATER CONCERNS)

FOR RETAIL SALE TO AND USE ONLY BY CERTIFIED APPLICATORS OR PERSONS UNDER THEIR DIRECT SUPERVISION, AND ONLY FOR THOSE USES COVERED BY THE CERTIFIED APPLICATOR'S CERTIFICATION. THIS PRODUCT IS A RESTRICTED-USE HERBICIDE DUE TO GROUND AND SURFACE WATER CONCERNS.

USERS MUST READ AND FOLLOW ALL PRECAUTIONARY STATEMENTS AND INSTRUCTIONS FOR USE IN ORDER TO MINIMIZE POTENTIAL FOR ATRAZINE TO REACH GROUND AND SURFACE WATER.

ATRAZINE GROUP **5** HERBICIDE

LIBERTY ATZ 4L

HERBICIDE

For season-long weed control in corn, sorghum, and certain other crops

ACTIVE INGREDIENTS:	% BY WT.
Atrazine: 2-chloro-4-ethylamino-6-isopropylamino-s-triazine	42.6%
Related Compounds	0.9%
OTHER INGREDIENTS:	56.5%
TOTAL:	100.0%

LIBERTY ATZ 4L contains 4 lbs. active ingredients per gallon.

**[SHAKE WELL BEFORE USING]
[RECIRCULATE CONTENTS BEFORE USE]**

KEEP OUT OF REACH OF CHILDREN CAUTION / PRECAUCIÓN

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.)

For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300.

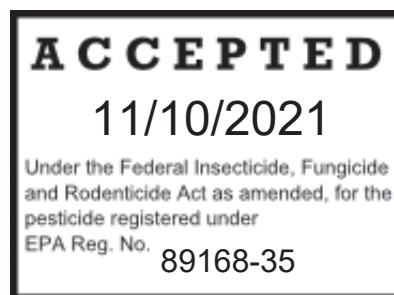
**[SEE INSIDE BOOKLET FOR ADDITIONAL PRECAUTIONARY STATEMENTS.]
[See inside booklet for additional Precautionary Statements and Directions for Use.]**

[Not for Sale, Sale into, Distribution and/or Use in Nassau and Suffolk Counties of New York State.]

EPA Reg. No.: 89168-35

EPA Est. No.: _____

Manufactured For:
LIBERTY CROP PROTECTION, LLC
1880 Fall River Drive, Suite 100
Loveland, CO 80538



102721

FIRST AID
<p>If in eyes</p> <ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice
<p>If swallowed</p> <ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • DO NOT induce vomiting unless told to do so by a poison control center or doctor. • DO NOT give anything by mouth to an unconscious person
<p>If inhaled</p> <ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for treatment advice.
<p>If on skin or clothing</p> <ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
<p>HOTLINE NUMBER</p>
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For emergency information concerning this product, call the National Pesticides Information Center (NPIC) at 1-800-858-7378 or your poison control center at 1-800-222-1222.</p> <p>For Chemical Spill, Leak, Fire or Exposure, call CHEMTREC 800-424-9300.</p>

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION**

Causes moderate eye irritation. Avoid contact with skin or clothing.

Personal Protective Equipment

Applicators using spray equipment mounted on their backs must wear:

- Coveralls over long-sleeved shirt and long pants,
- Chemical-resistant gloves made of barrier laminate, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils or viton ≥ 14 mils
- Chemical-resistant footwear plus socks.

Mixers, Loaders, all other Applicators, Flaggers, & other handlers must wear:

- Long-sleeved shirt and long pants,
- Chemical-resistant gloves made of barrier laminate, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils or viton ≥ 14 mils
- Shoes plus socks,
- Chemical-resistant apron when mixing/loading, cleaning up spills, cleaning equipment, or otherwise exposed to the concentrate.

See Engineering Controls for additional 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. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. **DO NOT** reuse them.

ENGINEERING CONTROL STATEMENTS

Mixers and loaders supporting aerial applications at a rate greater than 3 pounds active ingredient per acre must use a closed system that meets the requirements for dermal protections listed in the Worker Protection Standard (WPS) for Agricultural Pesticides [40 CFR 170.240(d)(4)] and must:

- wear the personal protective equipment. required for mixers and loaders,
- wear protective eyewear if the system operates under pressure,
- be provided and have immediately available for use in an emergency, such as a 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.

Fluggers supporting aerial applications must use an enclosed cab That meets the definition on the Worker Protection Standard 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 Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(5)], the handler PPE requirements may be reduced or modified as specified in the WPS.

When handlers use closed systems, enclosed cabs, or aircraft 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 hands 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

This pesticide is toxic to aquatic invertebrates. **DO NOT** apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. **DO NOT** apply when weather conditions favor drift from treated areas. Runoff and drift from treated areas may be hazardous to aquatic organisms in neighboring areas. **DO NOT** contaminate water when disposing of equipment wash water.

Atrazine can travel (seep or leach) through soil and can enter ground water which may be used as drinking water. Atrazine has been found in ground water. Users are advised not to apply atrazine to sand and loamy sand soils where the water table (ground water) is close to the surface and where these soils are very permeable, i.e., well-drained. Your local agricultural agencies can provide further information on the type of soil in your area and the location of ground water.

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 site. Protect the forage and habitat of non-target organisms by following label directions intended to minimize spray drift.

Reporting Ecological Incidents:

To report ecological incidents, including mortality, injury, or harm to plants and animals, call 844-425-8488.

MIXING/LOADING INSTRUCTIONS

This product must not be mixed or loaded within 50 feet of intermittent streams and rivers, natural or impounded lakes and reservoirs. This product may not be applied aerially or by ground within 66 feet of the

points where field surface water runoff enters perennial or intermittent streams and rivers or within 200 feet around 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, seeded with grass or other suitable crop.

This product must not be mixed/loaded, or used within 50 feet of all wells, including abandoned wells, drainage wells, and sink holes. Operations that involve mixing, loading, rinsing, or washing of this product into or from pesticide handling or application equipment or containers within 50 feet of any well are prohibited, unless conducted on an impervious pad constructed to withstand the weight of the heaviest load that may be positioned on or moved across the pad. Such a pad shall be designed and maintained to contain any product spills or equipment leaks, container or equipment rinse or wash water, and rain water that may fall on the pad. Surface water shall not be allowed to either flow over or from the pad, which means the pad must be self-contained. The pad shall be sloped to facilitate material removal. An unroofed pad shall be of sufficient capacity to contain 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 capacity 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 shipments to the mixing/loading sites. Additional State imposed requirements regarding well-head setbacks and operational area containment must be observed.

Tile-Outletted Terraced Fields Containing Standpipes

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

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

DIRECTIONS FOR USE

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.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 LIBERTY for a refund.

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.

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 green-houses, 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.

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 Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:

- Coveralls
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks

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 without protective clothing until sprays have dried.

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR WEED CONTROL, CROP INJURY, OR ILLEGAL RESIDUES.

[Not for Sale, Sale into, Distribution and/or Use in Nassau and Suffolk Counties of New York State.]

PRODUCT INFORMATION

LIBERTY ATZ 4L is a liquid flowable formulation. This herbicide controls many annual broadleaf and grass weeds in corn, sorghum, sugarcane, and certain other crops specified on this label. This product may be applied before or after weeds emerge.

Endangered Species

It is a Federal offense to use any pesticide in a manner that results in an unauthorized "take" (e.g., kill or otherwise harm) of an endangered species under the Endangered Species Act section 9. When using this product, you must follow the measures contained in the Endangered Species Protection Bulletin for the area in which you are applying the product. You must obtain a Bulletin no earlier than six months before using this product. To obtain Bulletins, consult <http://www.epa.gov/espp/>, call 1-844-447-3813, or email ESPP@epa.gov. You must use the Bulletin valid for the month in which you will apply the product.

Note: LIBERTY does not recommend applications in combination with other herbicides or oils, except as specifically described on the label or in literature published by LIBERTY.

Precautions

- Since this product acts mainly through root absorption, its effectiveness depends on moisture to move it into the root zone. If weeds develop, a shallow cultivation or rotary hoeing will generally result in better weed control.
- This product is noncorrosive to equipment and metal surfaces, nonflammable, and has low electrical conductivity.
- Avoid using near adjacent desirable plants or in greenhouses, or injury may occur.

Restrictions

- **DO NOT** apply this product through any type of irrigation system.
- When tank-mixing or sequentially applying atrazine or products containing atrazine to corn or sorghum, **DO NOT** exceed an application rate of 2.0 pounds active ingredient of atrazine per acre for any single application, and the total pounds of atrazine applied (lb ai per acre) must not exceed 2.5 pounds active ingredient per acre per year.
- When tank mixing or sequentially applying atrazine or products containing atrazine to crops other than corn or sorghum, the total pounds of atrazine applied (lb ai per acre) must not exceed the specific seasonal rate limits as noted in the use directions.

- **DO NOT** apply atrazine and propazine products to the same sorghum acre.
- Not for use in the states of Hawaii or Alaska, or in the U.S. territories (Puerto Rico, Guam, American Samoa, the U.S. Virgin Islands, and the North Mariana Islands).
- Use on roadside, Conservation Reserve Program (CRP) land, conifers, including Christmas Tree plantings, timber, forestry; and, Miscanthus and other perennial bioenergy crops is prohibited.
- Users must only apply to fallow land in the following states according to the prescribed rotation pattern in the table below:

Fallow Rotation Pattern	Fallow Use Authorized in these States only
Wheat-Corn-Fallow	CO, KS, ND, NE, SD & WY
Wheat-Fallow-Wheat	CO, KS, ND, NE, SD & WY
Wheat-Sorghum Fallow	AR, CO, GA, IL, KS, LA, MS, MO, NE, NM, NC, OK, SD & TX

RESISTANCE MANAGEMENT

For resistance management, this product is a Group 5 herbicide. Any weed population may contain or develop plants naturally resistant to this product and other Group 5 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same field. Appropriate resistance-management strategies should be followed.

Weed Management

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 the 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 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 LIBERTY CROP PROTECTION, LLC at 844-425-8488.

Management of Resistant Biotypes

Since the occurrence of resistant weeds cannot be determined until after product use and scientific confirmation, manufacturer is not responsible for any losses that may result from the failure of this product to control resistant weed biotypes.

The following good agronomic practices are recommended to reduce the spread of resistant biotypes:

- If a naturally occurring resistant biotype is present in your application site, this product should be tank-mixed or applied sequentially with an appropriately labeled herbicide with a different mode of action to achieve control.
- Cultural and mechanical control practices (e.g. crop rotation or tillage) may also be used as appropriate.
- Scout treated application site after herbicide applications and control escaping weeds including resistant biotypes before they set seed.
- Thoroughly clean equipment before leaving fields known to contain resistant biotypes.
- Contact your local sales representative, crop advisor, or extension agent to find out if suspected resistant weeds to these Mode of Actions have been found in your region. Do not assume that each listed weed is being controlled by multiple mechanisms of action. Co-formulated active ingredients are intended to broaden the spectrum of weeds that are controlled. Some weeds may be controlled by only one of the active ingredients in this product.

Integrated Pest (Weed) Management

This product may be integrated into an overall weed pest management strategy whenever the use of an herbicide is required. Practices known to reduce weed development (tillage, crop competition) and herbicide use (weed scouting, proper application timing, banding) should be followed wherever possible. Consult local agricultural and weed authorities for additional IPM strategies established for your area.

MANDATORY SPRAY DRIFT MANAGEMENT

Aerial Applications:

- **DO NOT** release spray at a height greater than 10 feet above the ground or vegetative canopy, unless a greater application height is necessary for pilot safety.
- Applicators are required to use a coarse or coarser droplet size (ASABE S572).
- User must maintain a 150 foot (46 meter) in-field downwind buffer (in the direction in which the wind is blowing) from the edge of streams and rivers, as well as high-tide line for all estuarine/marine environments.
- If the wind speed is 10 miles per hour or less, applicators must use 1/2 swath displacement upwind at the downwind edge of the field. When the wind speed is between 11-15 miles per hour, applicators must use 3/4 swath displacement upwind at the downwind edge of the field.
- **DO NOT** apply when wind speeds exceed 15 mph at the application site. If the wind speed is greater than 10 mph, the boom length must be 65% or less of the wingspan for fixed wing aircraft and 75% or less of the rotor diameter for helicopters. Otherwise, the boom length must be 75% or less of the wingspan for fixed-wing aircraft and 90% or less of the rotor diameter for helicopters.
- **DO NOT** apply during temperature inversions.

Ground Boom Applications:

- User must only apply with the release height recommended by manufacturer, but no more than 4 feet above the ground or crop canopy.
- Applicators are required to use a coarse or coarser droplet size (ASABE S572).
- **DO NOT** apply when wind speeds exceed 10 miles per hour at the application site.
- User must maintain a 15 foot (4.6 meter) in-field downwind buffer (in the direction in which the wind is blowing from the edge of streams and rivers, as well as high-tide line for all estuarine/marine environments).

Boomless Ground Applications:

- Applicators are required to use a coarse or coarser droplet size (ASABE S572) for all applications.
- **DO NOT** apply when wind speeds exceed 10 miles per hour at the application site.
- User must maintain a 15 foot (4.6 meter) in-field downwind buffer (in the direction in which the wind is blowing from the edge of streams and rivers, as well as high-tide line for all estuarine/marine environments).
- **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.

Controlling Droplet Size – Aircraft

- **Adjust Nozzles** - Follow nozzle manufacturers' recommendations for setting up nozzles. Generally, to reduce fine droplets, nozzles should be oriented parallel with the airflow in flight.

Boomless 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.

BOOM HEIGHT – Ground Boom

For ground equipment, the boom should remain level with the crop and have minimal bounce.

RELEASE HEIGHT – Aircraft

Higher release heights increase the potential for spray drift.

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.

WIND

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

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

LIBERTY ATZ 4L APPLIED ALONE - CORN OR GRAIN SORGHUM*

Preplant Surface-Applied, Preplant Incorporated, or Preemergence (or Postemergence at 4 pints (0.2 lb ai) per acre of LIBERTY ATZ 4L With Oil)

Broadleaf and Grass Weeds Controlled

barnyardgrass (watergrass)***
giant foxtail**
green foxtail***
large (hairy) crabgrass**
wild oats

cocklebur**
groundcherry
jimsonweed
kochia
lambsquarters

witchgrass (*Panicum capillare*)***
 yellow foxtail***
 nightshade
 Purslane
 sicklepod**

annual morningglory
 mustards
 pigweed
 ragweed
 velvetleaf (buttonweed)***

Postemergence with Emulsifiable Oil or Oil Concentrate in Water (at 2.4 pints (1.2 lb ai) per acre of LIBERTY ATZ 4L)

Broadleaf Weeds Controlled

annual morningglory
 cocklebur
 jimsonweed
 lambsquarters
 mustards

pigweed
 ragweed
 smartweed
 wild buckwheat
 velvetleaf**

* Where there are state/local requirements regarding atrazine use (including lower maximum rates and/or greater setbacks) which are different from the label, the more restrictive/protective requirements must be followed. Certain states may have established rate limitations within specific geographical areas. Consult your state lead pesticide control agency for additional information, It is a violation of this label to deviate from state use regulations.

** Partial control only.

*** Partial control only on medium- and fine-textured soils.

Rotational Crops — All Uses: (1) **DO NOT** rotate to any crop except corn or sorghum until the following year, or injury may occur. (2) If applied after June 10, **DO NOT** rotate with crops other than corn or sorghum the next year, or crop injury may occur. (3) In the High Plains and Intermountain areas of the West where rainfall is sparse and erratic or where irrigation is required, use only when corn or sorghum is to follow corn or sorghum or when a crop of untreated corn or sorghum is to precede other rotational crops. (4) In eastern parts of the Dakotas, KS, western MN, and NE, **DO NOT** rotate to soybeans if the rate applied to corn or sorghum was more than 4 pts./A of LIBERTY ATZ 4L or equivalent band application rate, or soybean injury may occur. (5) Injury may occur to soybeans planted the year following application on soils having a calcareous surface layer. (6) **DO NOT** plant sugar beets, tobacco, vegetables (including dry beans), spring-seeded small grains, or small-seeded legumes and grasses the year following application, or injury may occur.

APPLICATION PROCEDURES

Ground application: Use conventional ground sprayers equipped with nozzles that provide accurate and uniform application. Be certain that nozzles are uniformly spaced and are the same size. Calibrate sprayer before use and recalibrate at the start of each season and when changing carriers. Unless otherwise specified, use a minimum of 10 gals. of spray mixture per acre for all preplant incorporated, preplant surface, preemergence, and postemergence applications (with or without oil or surfactant) with ground equipment. Use a pump with capacity to: (1) maintain 35 to 40 psi at nozzles, (2) provide sufficient agitation in tank to keep mixture in suspension, and (3) to provide a minimum of 20% bypass at all times. Use centrifugal pumps which provide propeller shear action for dispersing and mixing this product. The pump must provide a minimum of 10 gallons per minute per 100 gallon tank size circulated through a correctly positioned sparger tube or jets. Use screens to protect the pump and to prevent nozzles from clogging. Screens placed on the suction side of the pump must be 16-mesh or coarser. **DO NOT** place a screen in the recirculation line. Use 50-mesh or coarser screens between the pump and boom, and where required, at the nozzles. Check nozzle manufacturer's specification.

For band applications, calculate amount to be applied per acre as follows:

$$\frac{\text{Band width in inches}}{\text{Row width in inches}} \times \text{broadcast rate per acre} = \text{amount needed per acre of field}$$

Aerial application: Use aerial application only where broadcast applications are specified. Apply in a minimum of 1 quart of water for each qt. of this product applied per acre. For postemergence treatments

on corn and sorghum, apply specified rate in a minimum of 2 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 must avoid inhalation of spray mist and prolonged contact with skin.

Application in water or liquid fertilizer: Nitrogen solution or complete liquid fertilizer may replace all or part of the water as a carrier for preemergence, preplant incorporated, or preplant surface ground application on corn and sorghum. Check the compatibility of this product with liquid fertilizer and/or nitrogen solution as shown in the **Compatibility Test** section before use. **DO NOT** apply in nitrogen solution or complete liquid fertilizer after corn or sorghum emerges, or crop injury may occur.

Application in Water Plus Emulsifiable Oil or Oil Concentrate: Adding emulsifiable oil (petroleum-derived, petroleum-derived oil concentrate, or single or mixed crop derived oil concentrate) to postemergence water-based sprays in corn and sorghum may improve weed control. However, under certain conditions, the use of either type of oil may seriously injure the crop. 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.

Note: In the event of a compatibility problem when mixing oil with this product and water, use a compatibility agent, such as Hi-Comp. 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 1/4 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) Pour product directly from container into tank. (6) Continue filling tank until 90% 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 buildup 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 a detergent.

Compatibility Test: Since liquid fertilizers can vary, even within the same analysis, always **check compatibility with herbicide(s) each time before use.** Be especially careful when using complete suspension or fluid fertilizers, as serious compatibility problems are more likely to occur. Commercial application equipment may improve compatibility in some instances. The following test 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 1/4 teaspoon or 1.2 milliliters of a compatibility agent approved for this use, such as Hi-Comp (1/4 tsp. is equivalent to 2 pints per 100 gallons 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, and invert each jar 10 times to mix. Let the mixtures stand 15 minutes and then look for separation, large flakes, precipitates, gels, heavy oily film on the jar, or other signs of incompatibility. Determine if the compatibility agent is needed in the spray mixture by comparing the 2 jars. If either mixture separates, but can be remixed 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) slurry the dry herbicide(s) in water before addition, or (B) add 1/2 of the compatibility agent to the fertilizer and the other 1/2 to the emulsifiable concentrate or flowable herbicide before addition to the mixture. If incompatibility is still observed, **DO NOT** use the mixture.

CROP USE DIRECTIONS

CORN

Preplant Surface-Applied (Broadleaf and grass control): Use on medium-and fine-textured soil with minimum-tillage or no-tillage systems only in CO, IA, IL, IN, KS, KY, MN, MO, MT, ND, NE, SD, WI, and WY. Apply the specified rate of LIBERTY ATZ 4L shown in Table 1 up to 45 days prior to planting. On coarse-textured soils, **DO NOT** apply more than 2 weeks prior to planting. If an unsatisfactory length of weed control results from adverse environmental conditions following early treatment, a follow-up application of an appropriately labeled herbicide may be used. If the follow-up treatment includes atrazine, **DO NOT** exceed the labeled rate for corn indicated in Table 1.

If weeds are present at the time of treatment, apply in tank mix combination with a contact herbicide (for example, glyphosate or paraquat). Observe directions for use, precautions, and restrictions on the label of the contact herbicide.

Note: To the extent possible, **DO NOT** move treated soil out of the row or move untreated soil to the surface during planting, or weed control will be diminished.

Preplant Incorporated (Broadleaf and grass control): Broadcast in spring after plowing at rate in Table 1. Apply to the soil and incorporate before, during, or after final seedbed preparation. Avoid deep incorporation. For best results, apply within 2 weeks prior to planting.

Preemergence or At-Planting (Broadleaf and grass control): Apply during or shortly after planting before weed emergence, at rate in Table 1.

Postemergence (Broadleaf and grass control): Apply before weeds exceed 1.5 inches in height and before corn exceeds 12 inches in height at rate in Table 1.

Table 1: Broadleaf and Grass Weed Control on Corn*

<p>FOR ALL SOIL APPLICATIONS PRIOR TO CROP EMERGENCE</p> <ul style="list-style-type: none">• On Highly Erodible Soils (as defined by the Natural Resources Conservation Service) If conservation tillage is practiced, leaving at least 30% of the soil covered with plant residues at planting, apply a maximum of 4 pints (2.0 lb ai) per acre of LIBERTY ATZ 4L as a broadcast spray. If the soil coverage with plant residue is less than 30% at planting, a maximum of 3.2 pints (1.6 lb ai) per acre of LIBERTY ATZ 4L may be applied.• On Soils Not Highly Erodible Apply 4 pints (2.0 lb ai) per acre of LIBERTY ATZ 4L as a broadcast spray. <p>FOR POSTEMERGENCE APPLICATION</p> <p>If no atrazine was applied prior to corn emergence, apply a maximum of 4 pints (2.0 lb ai) per acre of LIBERTY ATZ 4L broadcast. If a postemergence treatment is required following an earlier atrazine application, the total atrazine applied may not exceed 2.5 pounds active ingredient (5 pints of LIBERTY ATZ 4L) per acre per calendar year.</p>
--

***Broadleaf control (Eastern CO, Western KS, Western NE, NM, OK Panhandle, West TX, and Eastern WY):** On sand, loamy sand, sandy loam, mild to strongly alkaline soil, and all recently leveled soil, apply no more than 2.4 pints (1.2 lb ai) per acre, either preplant surface, preplant incorporated, or preemergence. On other soils in these areas, apply rate in Table 1 for broadleaf and grass control.

Where there are state/local requirements regarding atrazine use (including lower maximum rates and/or greater setbacks) which are different from the label, the more restrictive/protective requirements must be followed. Certain states may have established rate limitations within specific geographical areas. Consult your state lead pesticide control agency for additional information. It is a violation of this label to deviate from state use regulations.

Postemergence with emulsifiable oil or oil concentrate in water: Add the following volume of one of the type oils indicated for aerial or ground application, unless the oil label specifies otherwise:

Type Oil	Ground Application	Aerial Application
Oil Concentrate (Crop or Petroleum derived)	1 qt./A	1/2 -1 qt./A
Petroleum derived	1 gal./A	2 qts./A

Note: Crop-derived or petroleum-derived oil concentrates should contain at least 1%, but not more than 20%, suitable emulsifier or surfactant blend. Petroleum-derived oils should contain at least 1% suitable emulsifier.

Broadleaf and grass control: For postemergence control of those weeds listed under **Preplant Incorporated and Preemergence**, broadcast 4 pints (2.0 lb ai) per acre plus emulsifiable oil or oil concentrate after weed emergence, but before weeds reach 1.5 inches in height and before corn exceeds 12 inches in height.

Broadleaf control: For postemergence control of those weeds listed under **Postemergence with emulsifiable oil or oil concentrate in water**, broadcast 2.4 pints (1.2 lb ai) per acre plus emulsifiable oil or oil concentrate before pigweed and lambsquarters reach 6 inches in height and before all other weeds reach 4 inches in height. A cultivation may be necessary if all weeds are not controlled or if weeds regrow.

Precautions

- Inbred lines or any breeding stock may be severely injured by applications with emulsifiable oil or oil concentrate.
- Adding other insecticides, herbicides, liquid fertilizers, or other materials is not recommended, because they may cause compatibility problems or crop injury.
- Store and handle emulsifiable oil and oil concentrate carefully. Oil contaminated with even a small amount of water may not emulsify properly when added to the tank.

Restrictions

- **DO NOT** apply when crop is under stress from prolonged cold, wet weather, poor fertility, or other factors, or when crop is wet and succulent from recent rainfall.
- **DO NOT** apply more than 5 pints (2.5 lb ai) per acre per year.
- Postemergence applications to corn must be made before corn exceeds 12 inches in height.

TANK MIXTURES FOR CORN

This product may be tank mixed with these herbicides for control of certain broadleaf and grass weeds in corn:

- | | |
|--|---|
| Alachlor | Metolachlor/S-metolachlor + simazine + glyphosate |
| Alachlor + glyphosate | Metolachlor/S-metolachlor + simazine + paraquat |
| Alachlor + paraquat | Paraquat |
| Glyphosate | Propachlor |
| Metolachlor/S-metolachlor | Simazine |
| Metolachlor/S-metolachlor + glyphosate | Simazine + glyphosate |
| Metolachlor/S-metolachlor + paraquat | Simazine + paraquat |

Metolachlor/S-metolachlor + simazine

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.

Restrictions

When tank mixing atrazine containing products,

- **DO NOT** exceed 2.0 lb ai per acre of atrazine as a pre or post application.
- **DO NOT** exceed 2.5 lb ai per acre as the total of pre plus post applications per year.

Simazine

In addition to the weeds listed under **LIBERTY ATZ 4L Applied Alone - Corn or Grain Sorghum - Preplant Surface-Applied, Preplant Incorporated, or Preemergence**, this combination also controls crabgrass, fall panicum, and carpetweed.

Broadcast tank mix before planting, at planting, or after planting, but before crop and weeds emerge, at rates in Table 2. Use the 1:1 ratio for control of most weeds. Use the 1:2 ratio for expected heavy infestations of crabgrass and fall panicum. Cultivate shallowly if weeds develop.

Preplant Surface-Applied: Use on medium and fine-textured soils with minimum-tillage or no-tillage systems only in CO, IA, IL, IN, KS, KY, MN, MO, MT, ND, NE, SD, WI, and WY. Apply the specified rate of LIBERTY ATZ 4L and simazine up to 45 days prior to planting. Refer to the LIBERTY ATZ 4L alone section for information if weeds should develop following the early treatment. On coarse-textured soils, **DO NOT** apply more than 2 weeks prior to planting. Refer to the **LIBERTY ATZ 4L Applied Alone - Preplant Surface-Applied** section of the corn label for additional details.

If weeds are present at time of treatment, apply in a tank mix combination with a contact herbicide (for example, glyphosate or paraquat). Observe directions for use, precautions, and restrictions on the label of the contact herbicide.

Note: To the extent possible, **DO NOT** move treated soil out of the row or move untreated soil to the surface during planting, or weed control will be diminished.

Preplant Incorporated: Apply to the soil and incorporate in the spring before, during, or after final seedbed preparation. Avoid deep incorporation. For best results, apply within 2 weeks prior to planting.

Preemergence: Apply during or shortly after planting, but before crop and weeds emerge.

Refer to **Corn** sections of this label and to, simazine label for further directions, limitations, and precautions.

Table 2: Tank Mixtures with Simazine on Corn

Soil Texture	Broadcast Rate Per Acre			
	1:1 Ratio*		1:2 Ratio**	
	LIBERTY ATZ 4L	Simazine	LIBERTY ATZ 4L	Simazine
Sand, loamy sand, sandy loam	2 pts. (1.0 lb ai)	Refer to product label for use rates.	1.32 pts. (0.66 lb ai)	Refer to product label for use rates.
Loam, silt loam, silt, clay loam, sandy clay loam, silty clay loam, sandy clay, or silty clay with low organic matter	2.4 pts. (1.2 lb ai)		1.6 pts. (0.8 lb ai)	
Loam, silt loam, silt, clay loam, sandy clay loam, silty	3 pts. (1.5 lb ai)		1.92 pts. (0.96 lb ai)	

clay loam, sandy clay, or silty clay with medium to high organic matter, and clay (including dark prairie soils of the Corn Belt)				
---	--	--	--	--

* For control of most weeds.

** For control of expected heavy infestations of crabgrass and fall panicum.

Simazine plus Glyphosate: Use as tank mixture for preemergence and postemergence control of certain broadleaf and grass weeds where corn will be planted directly into a cover crop, established sod, or in previous crop residues. Refer to glyphosate label for all directions, weeds controlled, precautions, and limitations.

Restriction

When tank mixing or sequentially applying simazine and/or atrazine or products containing either active ingredient to corn, the total pounds of simazine and/or atrazine applied must not exceed 2.5 pounds active ingredient per acre per year.

Simazine plus Paraquat: Use as tank mixture with simazine plus paraquat to kill existing vegetation and for residual weed control where corn will be planted directly into a cover crop, established sod, or in previous crop residues. Add this product and simazine to water in spray tank, agitating until thoroughly mixed. Then add paraquat and a nonionic surfactant, such as [Voyager 90/10 or other product name]. Continue agitation during application. Broadcast 2 pints (1.0 lb ai) of this product plus labeled rates of simazine and paraquat in 20 to 60 gallons of water per sprayed acre. Apply before, during, or after planting, but before corn emerges. Add 0.5 pint of a nonionic surfactant, such as [Voyager 90/10 or other product name], per 100 gallons of spray mixture. Use the higher rate of paraquat specified on the label if existing vegetation is 4 to 6 inches tall. This mixture will not control weeds taller than 6 inches. Refer to further limitations and precautions on labels for this product, simazine and paraquat.

When tank mixing or sequentially applying simazine and/or atrazine or products containing either active ingredient to corn, the total pounds of simazine and/or atrazine applied must not exceed 2.5 lbs ai/acre per calendar year.

Precautions – All Applications to Corn

- For best control of velvetleaf and cocklebur, the application rate cannot be less than 2 pounds active ingredient per acre, either alone or in tank mix combinations.
- Following harvest, plow (moldboard or disk-plow) and thoroughly till soil in fall or spring to minimize possible injury to spring-seeded rotational crops, regardless of rate used.

Restrictions – All Applications to Corn

- To avoid crop injury and illegal residues, **DO NOT** apply more than 2.5 pounds active ingredient (5 pints of this product) per acre per year.
- **DO NOT** graze or feed forage from treated areas for 60 days for field corn, and 45 days for sweet corn, following application, or illegal residues may result.
- Application via mechanically pressurized handguns in sweet corn is prohibited.

SORGHUM AND SORGHUM-SUDAN HYBRIDS (GRAIN AND FORAGE TYPES)

Preplant Surface-Applied (Broadleaf and grass control): Use on medium- and fine-textured soil with minimum-tillage or no-tillage systems only in CO, IA, IL, IN, KS, KY, MN, MO, MT, ND, NE, SD, WI, and WY. Apply the specified rate of LIBERTY ATZ 4L shown in Table 3 up to 45 days prior to planting. If an unsatisfactory length of weed control results from adverse environmental conditions following early treatment, a follow-up application of an appropriately labeled herbicide may be used. If the follow-up treatment includes atrazine, **DO NOT** exceed the labeled rate for corn indicated in Table 1. Under dry conditions, irrigation after application is recommended to move LIBERTY ATZ 4L into the soil.

If weeds are present at time of treatment, apply in a tank mix combination with a contact herbicide (for example, glyphosate or paraquat). Observe directions for use, precautions, and restrictions on the label of the contact herbicide.

Note: To the extent possible, **DO NOT** move treated soil out of the row or move untreated soil to the surface during planting, or weed control will be diminished.

Preplant Incorporated (Broadleaf and grass control): Broadcast in spring after plowing at rate shown in Table 2. Apply before, during, or after final seedbed preparation. If soil is tilled or worked after application, avoid deep incorporation. For best results, apply within 2 weeks prior to planting.

Preemergence or At-Planting (Broadleaf and grass control): Apply during or shortly after planting, but prior to weed or crop emergence at rate shown in Table 3.

Postemergence (Broadleaf and grass control): Apply at rate shown in Table 2 before weeds exceed 1.5 inches in height and before sorghum exceeds 12 inches in height.

Table 3: Broadleaf and Grass Weed Control in Sorghum ^{1,2}

<p>FOR ALL SOIL APPLICATIONS PRIOR TO CROP EMERGENCE</p> <ul style="list-style-type: none">• On Highly Erodible Soils (as defined by the Natural Resources Conservation Service) If conservation tillage is practiced, leaving at least 30% of the soil covered with plant residues at planting, apply a maximum of 4 pints (2.0 lb ai) per acre of LIBERTY ATZ 4L as a broadcast spray. If the soil coverage with plant residue is less than 30% at planting, a maximum of 3.2 pints (1.6 lb ai) per acre of LIBERTY ATZ 4L may be applied.• On Soils Not Highly Erodible Apply 4 pints (2.0 lb ai) per acre of LIBERTY ATZ 4L as a broadcast spray. <p>FOR POSTEMERGENCE APPLICATION</p> <p>If no atrazine was applied prior to sorghum emergence, apply a maximum of 4 pints (2.0 lb ai) per acre of LIBERTY ATZ 4L broadcast. If a postemergence treatment is required following an earlier atrazine application, the total atrazine applied may not exceed 2.5 pounds active ingredient (5 pints of LIBERTY ATZ 4L) per acre per calendar year.</p>

¹ **DO NOT** apply preplant surface or preplant incorporated in AL, AR, FL, GA, LA, MS, NC, NM, OK, SC, TN, or TX. **DO NOT** apply preemergence in NM, OK, or TX, except in northeast OK and the TX Gulf Coast and Blacklands areas.

² Where there are state/local requirements regarding atrazine use (including lower maximum rates and/or greater setbacks) which are different from the label, the more restrictive/protective requirements must be followed. Certain states may have established rate limitations within specific geographical areas. Consult your state lead pesticide control agency for additional information. It is a violation of this label to deviate from state use regulations.

In case of planting failure, sorghum or corn may be replanted. **DO NOT** make a second broadcast application, or injury may occur. If originally applied in a band and sorghum or corn is replanted in untreated row middles, this product may be applied in a band to the second planting, provided the maximum application rate of 2.5 pounds active ingredient per acre of atrazine per calendar year is not exceeded.

Preemergence Broadleaf Weed Control in Furrow-irrigated Bedded Sorghum (AZ and CA only): For preemergence control of many broadleaf weeds, broadcast 1.6-2.4 pts./A of LIBERTY ATZ 4L after bed preparation, during or after planting, but before sorghum and weeds emerge and before the first furrow irrigation. Follow with several regular irrigations, making sure to thoroughly wet all soil.

Precautions - Furrow-irrigated Bedded Sorghum (AZ and CA only)

- To avoid possible sorghum injury, **DO NOT** use on sand or loamy sand soil or on sorghum planted in furrows. Applications to sorghum growing on alkali soils or where cuts, fills, or erosion have exposed calcareous or alkali subsoils may cause crop injury. In case of crop failure, **DO NOT** replant sorghum for 8 months following application. Corn may be planted immediately.

Postemergence Broadleaf Weed Control with Emulsifiable Oil or Oil Concentrate in Water: Broadcast 2.4 pints (1.2 lb ai) per acre of LIBERTY ATZ 4L for control of many broadleaf weeds. Apply before pigweed and lambsquarters reach 6 inches in height and before all other weeds reach 4 inches in height. In CO, western KS, NM, OK, TX, and desert regions of AZ and CA, apply when sorghum is 6 to 12 inches in height, but before it reaches boot stage. In all other areas, apply after sorghum reaches the 3-leaf stage, but before it exceeds 12 inches in height. Add 1 gallon of emulsifiable oil per acre for ground application and 0.5 gallon per acre for aerial application, or add 1 quart per acre of oil concentrate for ground application. A cultivation may be necessary if all weeds are not controlled or if weeds regrow.

For the list of weeds controlled, see **LIBERTY ATZ 4L Applied Alone — Corn or Grain Sorghum — Postemergence with Emulsifiable Oil or Oil Concentrate in Water.**

For applications with emulsifiable oil or oil concentrate in water: See “For applications with emulsifiable oil or oil concentrate in water” in Corn section.

Postemergence Broadleaf Weed Control With Surfactant (CO, Western KS, NM, OK, TX, and Desert Regions of AZ and CA Only): Broadcast 2.4 pts./A of LIBERTY ATZ 4L plus 0.75-1.5 pts. of surfactant after sorghum reaches 6 inches in height, but before weeds exceed 1.5 inches in height. Apply only on sandy loam and fine-textured soil.

Precautions – All Applications to Sorghum

- Application to sorghum growing under stress caused by minor element deficiency or to sorghum growing on highly calcareous soil may result in crop injury.
- Following harvest, plow (moldboard or disk-plow) and thoroughly till soil in fall or spring to minimize possible injury to spring-seeded rotational crops, regardless of rate used.
- Injury may occur if both this herbicide, pre plant surface, preplant incorporated, or preemergence, and an at-planting systemic insecticide applied in-furrow are used.
- For all soil applications prior to crop emergence (except for preemergence use on bedded sorghum in AZ and CA), **DO NOT** apply to coarse-textured soils, i.e., sand, loamy sand, sandy loam, or to medium- and fine-textured soils having less than 1% organic matter, or injury may occur.

Restrictions – All Applications to Sorghum

- Heavy rain immediately following application tends to cause excessive concentrations of herbicide in seed furrow, resulting in possible crop injury. **DO NOT** apply to furrow-planted sorghum until furrows are leveled (plowed in). Level deep planter marks or seed furrows before application.
- For postemergence applications, **DO NOT** apply to sand or loamy sand, or injury may occur.
- **DO NOT** apply atrazine and propazine products to the same sorghum acre.
- **DO NOT** apply more than 5 pints (2.5 lb ai) per acre per year.
- **DO NOT** graze or feed forage from treated areas for 60 days for field corn, and 45 days for sweet corn, following application, or illegal residues may result.

TANK MIXTURES FOR GRAIN SORGHUM

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.

Metolachlor/S-metolachlor: Use as tank mixture with Metolachlor/S-metolachlor for control of those weeds listed on the Metolachlor/S-metolachlor label, as well as on this label. Use this tank mixture only on sorghum seed treated with Concep® III. Refer to the Metolachlor/S-metolachlor label for all directions, precautions, and limitations.

WINTER WEED CONTROL IN TEXAS

For postemergence control of winter weeds only, such as henbit, seedling dock, and annual thistle on fall bedded land in the Gulf Coast and Blacklands of Texas. Apply 0.8 to 1 quart (0.4 to 0.5 lb ai) per acre of LIBERTY ATZ 4L postemergence to the weeds in November or December to land that will be planted to

corn, grain sorghum, or forage sorghum the following spring. For best results, add a suitable surfactant, such as [Voyager 90/10 or other product name], at the rate of 0.5% of the spray volume, an emulsifiable oil at the rate of 1.0% of the spray volume, or an oil concentrate at the rate of 1 quart per acre.

Normal weed control programs may be used in the following corn, grain sorghum, or forage sorghum crop.

Restriction

- **DO NOT** plant any crops, except corn, grain sorghum, or forage sorghum, the spring following this treatment, or illegal residues may result.

LIBERTY ATZ 4L ALONE - CHEMICAL FALLOW

Restrictions – All Chemical Fallow

- **DO NOT** apply more than 4.5 pints (2.25 lb ai) per acre for any application
- **DO NOT** make more than 1 application per year.

Wheat-Sorghum-Fallow (AR, CO, GA, IL, KS, LA, MS, MO, NE, NM, NC, OK, SD and TX): To control annual broadleaf and grass weeds following wheat harvest and in the following sorghum crop when grown under minimum tillage, broadcast up to 4.5 pints (2.25 lb ai) per acre of LIBERTY ATZ 4L to wheat stubble after harvest and before weed emergence (see **TANK MIXTURES FOR CHEMICAL FALLOW** in the following section). If weeds are present at application, remove them with a sweep plow or other suitable implement after application, or use an approved contact herbicide before or after the application of **LIBERTY ATZ 4L**. Plant sorghum into wheat stubble the following spring with minimum soil disturbance. Use a surface planter or a planter leaving a shallow furrow. If weeds are present at planting, remove them with a sweep plow or other suitable implement before planting.

For the list of weeds controlled, see **LIBERTY ATZ 4L Applied Alone — Corn or Grain Sorghum — Preplant Surface-Applied, Preplant Incorporated, or Preemergence.**

Precautions - Wheat-Sorghum-Fallow (AR, CO, GA, IL, KS, LA, MS, MO, NE, NM, NC, OK, SD and TX)

- Use only on silt loam or fine-textured soil, or crop injury may result.

Restrictions- Wheat-Sorghum-Fallow (AR, CO, GA, IL, KS, LA, MS, MO, NE, NM, NC, OK, SD and TX)

- Wheat-sorghum-fallow cropping sequence must be followed.
- **DO NOT** apply following sorghum harvest.
- To avoid illegal residues, **DO NOT** graze or feed forage from treated area to livestock.
- To avoid illegal residues and crop injury, **DO NOT** plant any crop other than those on this label within 18 months following treatment.

Wheat-Corn-Fallow (CO, KS, ND, NE, SD, and WY): This product controls cheatgrass (downy brome, chess), kochia, mustards, pigweed, Russian thistle, wild lettuce, wild sunflower, and volunteer wheat during period after wheat harvest. Weed control may extend into following corn crop grown under minimum tillage. On soils in ND and SD with a pH greater than 7.5, **DO NOT** apply more than 3 pints (1.5 lb ai) per acre for any application. On soils in ND and SD with a pH less than 7.5, **DO NOT** apply more than 4 pints (2.0 lb ai) per acre for any application. For all other locations, **DO NOT** apply more than 2.25 pounds active ingredient per application.

Follow directions for use, notes, and precautions in the **Wheat-Sorghum-Fallow** section above, substituting corn for references to sorghum.

Restriction - Wheat-Corn-Fallow (CO, KS, ND, NE, SD, and WY)

- **DO NOT** make more than 1 application per year.

Wheat-Fallow-Wheat (CO, KS, ND, NE, SD, and WY): For preemergence control of cheatgrass (downy brome, chess), common lambsquarters, field pennycress, kochia, mustard, Russian thistle, wild lettuce,

and suppression of volunteer wheat during fallow period of a wheat-fallow-wheat rotation, broadcast 1 to 2 pints (0.5 to 1.0 lb ai) per acre of LIBERTY ATZ 4L only on those soils listed in the "Precautions" section of LIBERTY ATZ 4L Alone - Chemical Fallow. For control of pigweed and wild sunflower, use the higher rate. Apply to stubble ground. Treat only once during same fallow period.

TANK MIXTURES FOR CHEMICAL FALLOW

Wheat-Sorghum-Fallow or Wheat-Corn-Fallow (KS, NE)

Paraquat: If weeds are present at application, a tank mix with paraquat may be used. Broadcast 4.5 pints (2.25 lb ai) per acre of LIBERTY ATZ 4L plus a suitable amount of paraquat in 20 to 60 gallons of water per acre by ground equipment. Add 0.5 to 1 pint of a nonionic surfactant, such as [Voyager 90/10 or other product name], per 100 gallons of spray mixture. Add LIBERTY ATZ 4L to spray tank first and thoroughly mix with water. Then add paraquat, followed by surfactant. Use the higher rate of paraquat specified on the label if weeds are 4 to 6 inches tall. This mixture will not control weeds taller than 6 inches. Apply to stubble ground. Treat only once during same fallow period. Refer to paraquat label for further directions, precautions, and limitations.

Wheat-Fallow-Wheat (CO, KS, ND, NE, SD, and WY)

Paraquat: If weeds are present at application, a tank mix with paraquat may be used. Broadcast 1 to 2 pints (0.5 to 1.0 lb ai) per acre of LIBERTY ATZ 4L plus a suitable amount of paraquat in 20 to 60 gallons of water per acre by ground equipment. Add 0.5 to 1 pint of a nonionic surfactant, such as [Voyager 90/10 or other product name], per 100 gals. of spray mixture. Add LIBERTY ATZ 4L to spray tank first and thoroughly mix with water. Then add paraquat, followed by surfactant. Use the higher rate of paraquat specified on the label if weeds are 4 to 6 inches tall. This mixture will not control weeds taller than 6 inches. Apply to stubble ground. Treat only once during same fallow period. Refer to paraquat label for further directions, precautions, and limitations.

If weeds are present at application and this product is used alone, use either an approved contact herbicide before or after treatment, or tillage after treatment.

Use tillage to control weeds which escape during fallow period. Till before planting. For this product applied alone or in tank mixture with paraquat, plant at least 2 inches deep and 12 months or more after application.

Precautions - Wheat-Fallow-Wheat (CO, KS, ND, NE, SD, and WY)

- **DO NOT** graze treated areas within 6 months after application, or illegal residues may result.
- Avoid spray overlap.

Restrictions Wheat-Fallow-Wheat (CO, KS, ND, NE, SD, and WY)

- **DO NOT** use on sand soil.
- **DO NOT** treat eroded hillsides, caliche and rocky outcroppings, or exposed calcareous subsoil.
- **DO NOT** treat soils of the Rosebud and Canyon Series in western NE and adjoining counties in CO and WY
- **DO NOT** treat soils with calcareous surface layers.

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., using low-drift nozzles at a maximum pressure of 40 psi, and restrict application to periods when wind speed does not exceed 10 mph. To assure that spray will not adversely affect adjacent sensitive nontarget plants, apply LIBERTY ATZ 4L alone by aircraft at a minimum upwind distance of 400 ft. from sensitive plants.

SUGARCANE

Use Directions for All States

For control of many broadleaf and grass weeds, including amaranths, crabgrass, fireweed, Flora's paintbrush, foxtails, junglerice, and wiregrass, broadcast 4 to 8 pints (2.0 to 4.0 lb ai) per acre of LIBERTY ATZ 4L at time of planting or ratooning, but before sugarcane emerges. Broadcast aerially in a minimum of 5 gallons of spray per acre, or broadcast or band by ground equipment in a minimum of 20 gallons per acre, unless indicated otherwise. One additional application may be made over the sugarcane as it emerges, and

2 additional applications may be made interline after emergence as directed sprays. Repeat treatments, where needed, may be applied broadcast, band, or interline as suggested with the final application being prior to close-in. **DO NOT** exceed the rate of herbicide suggested for any one crop of sugarcane.

Note: Where high rates of LIBERTY ATZ 4L are used alone, apply in a minimum of 1 quart of water for each 1 quart of LIBERTY ATZ 4L applied per acre.

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, using low-drift nozzles at a maximum pressure of 40 psi, and restrict application to periods when wind speed does not exceed 10 mph. To assure that spray will not adversely affect adjacent sensitive nontarget plants, apply LIBERTY ATZ 4L alone by aircraft at a minimum upwind distance of 400 ft. from sensitive plants.

Precautions - All States and Uses

- Injury to sugarcane may occur when under moisture stress, when soil is of low adsorptive capacity, or when land is first cropped to sugarcane.
- **DO NOT** apply more than 20 pints (10.0 lb ai) per acre of this product to any one crop of sugarcane, or crop injury may result.

Restrictions – All States and Uses

- **DO NOT** apply after close-in.
- **DO NOT** apply more than 8 pints (4.0 lb ai) per acre per application.
- **DO NOT** apply more than 20 pints (10.0 lb ai) per acre per crop.

For specific weed problems, the following may be used. Other rate and application timings may be used for other weed spectrums and cultural practices, provided they are within the above “General Use Directions for All States” and are consistent with the “Precautions for All States and Uses.”

Florida

For control of emerged pellitory weed: Apply 0.8 to 1.2 pints (0.4 to 0.6 lb ai) per acre of LIBERTY ATZ 4L in at least 40 gallons of water as a directed spray by ground equipment prior to close-in. Add 4 quarts of surfactant for each 100 gallons of spray. Thoroughly cover weed foliage.

For control of alexandergrass, large crabgrass, pellitory (artillery) weed, and spiny amaranth, use one of the following methods at planting or ratooning:

1. Apply 8 pints (4.0 lb ai) per acre of LIBERTY ATZ 4L preemergence. Follow with 1 or 2 applications, as needed, postemergence to sugarcane and weeds, at 4 pints (2.0 lb ai) per acre of LIBERTY ATZ 4L. Treat before weeds exceed 1.5 inches in height.
2. Apply 1 to 3 times, as needed, at 4 pints (2.0 lb ai) per acre of LIBERTY ATZ 4L postemergence to sugarcane and weeds. Treat before weeds exceed 1.5 inches in height.

Louisiana

For control of annual weeds during the summer fallow period, apply 4 pints (2.0 lb ai) per acre of LIBERTY ATZ 4L to weed-free beds immediately after bed formation. Follow normal weed control program after planting.

Precautions - Louisiana

- **To avoid crop injury**
 - **DO NOT** apply more than 10 quarts (10.0 lb ai) per acre of LIBERTY ATZ 4L to any one crop of sugarcane.
 - If making 4 pints (2.0 lb ai) per acre of LIBERTY ATZ 4L application during summer fallow period, **DO NOT** exceed 8 quarts (8.0 lb ai) per acre of LIBERTY ATZ 4L during the remainder of the growing season, or illegal residues may result.

Texas

Use LIBERTY ATZ 4L for control of barnyardgrass, pigweed, purslane, and sunflower, in plant or ratoon sugarcane. Apply 8 pints (4.0 lb ai) per acre of LIBERTY ATZ 4L preemergence. Follow with 1 or 2 applications, as needed, at 6 pints (3.0 lb ai) per acre of LIBERTY ATZ 4L postemergence to sugarcane and weeds. For best results when weeds are emerged, add a nonionic surfactant at a concentration of 2 quarts per 100 gallons of LIBERTY ATZ 4L to the spray and apply before weeds exceed 1.5 inches in height.

TURFGRASSES FOR SOD

Restrictions

- **For muck or peat soils:**
 - **DO NOT** apply more than 8 pints (4.0 lb ai) per acre per acre.
 - **DO NOT** apply more than 12 pints (6.0 lb ai) per acre per year.
- **For sandy soils:**
 - **DO NOT** apply more than 4 pints (2.0 lb ai) per acre per application.
 - **DO NOT** apply more than 6 pints (3.0 lb ai) per acre per year.

St. Augustinegrass, Centipedegrass, and Zoysiagrass

Broadcast 2 to 8 pints (1.0 to 4.0 lb ai) per acre of LIBERTY ATZ 4L according to soil texture to control those weeds listed under **LIBERTY ATZ 4L Applied Alone — Corn or Grain Sorghum — Preplant Surface Applied, Preplant Incorporated, or Preemergence.**

Muck or Peat	8 pts. (4.0 lb ai)	Old beds: Within 2 days after lifting sod
		New beds: 3-4 days after sprigging or plugging
Sandy Soil	2 to 4 pts. (1.0 to 2.0 lb ai)	Old beds: Within 2 days after lifting sod
		New beds: 7-10 days after sprigging or plugging

If weeds regrow, apply an additional 4 pints (2.0 lb ai) per acre of LIBERTY ATZ 4L on muck or peat, or 2 pints (1.0 lb ai) per acre on sandy soil.

Precautions - St. Augustinegrass, Centipedegrass, and Zoysiagrass

- **To avoid crop injury,**
 - **DO NOT** apply within 30 days prior to cutting or lifting.
 - **DO NOT** apply in combination with surfactants or other spray additives.
 - Use only on turfgrass reasonably free of infestations of insects, nematodes, and diseases.
 - On newly sprigged turfgrass, temporary slowing of growth may follow application.
 - **DO NOT** use north of NC (except in the VA Coastal Plains) or west of the high rainfall areas of eastern OK and eastern TX.
 - **DO NOT** use on alkaline or muck soils, except in FL.

Bermudagrass Sod Production

Bermudagrass, Centipedegrass, St. Augustinegrass, and Zoysiagrass

Apply LIBERTY ATZ 4L after October 1 before emergence of winter annual weeds for control of annual bluegrass, burcivora, carpet burweed, chickweed, corn speedwell, henbit, hop clover, and spurweed. LIBERTY ATZ 4L will control annual bluegrass even if it is emerged at time of treatment. For control of summer annual weeds listed in the preemergence section of the **LIBERTY ATZ 4L Applied Alone — Corn or Grain Sorghum** section of this label, also apply LIBERTY ATZ 4L in late winter before the weeds emerge. Apply in a minimum of 15 gallons of water per acre or 1 gallon per 1,000 square feet.

For continued summer annual weed control, apply another 2 pints (1.0 lb ai) per acre of LIBERTY ATZ 4L at least 30 days after the previous application. However, **DO NOT** make more than 2 applications of this product per year. On bermudagrass, spring applications may slow green-up and **DO NOT** apply after April 15.

Precautions - Bermudagrass Sod Production

- On newly sprigged turfgrass and hybrid bermuda grass, temporary slowing of growth and yellowing may occur following application.
- **DO NOT** graze or feed turf clippings to animals or illegal residues may result.
- **To avoid turf injury,**
 - Use only on turfgrass reasonably free of infestations of insects, nematodes, and diseases.
 - **DO NOT** use on golf greens.
 - **DO NOT** use north of NC (except in the VA Coastal Plains) or west of the high rainfall areas of eastern OK and eastern TX.
 - **DO NOT** use on muck or alkaline soils.
 - **DO NOT** apply over the rooting area of trees or ornamentals not listed on this label.
 - **DO NOT** overseed with desirable turfgrass within 4 months before or 6 months after treatment.
 - **DO NOT** apply this product to newly seeded bermuda grass or zoysia grass until it has overwintered and has a well-developed rhizome system.

Restrictions - Bermudagrass Sod Production

- **DO NOT** apply more than 2 pints (1.0 lb. ai) per acre per application.
- **DO NOT** apply more than 4 pints (2.0 lb ai per acre per year.

Turfgrass for Fairways and Residential Sites (Including Homes, Daycare Facilities, Schools, Playgrounds, Parks, Recreational Areas, and Sports Fields)

Bermudagrass, Centipedegrass, St. Augustinegrass, and Zoysiagrass

Apply LIBERTY ATZ 4L 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. LIBERTY ATZ 4L will control annual bluegrass even if it is emerged at time of treatment. For control of summer annual weeds listed in the preemergence section of the LIBERTY ATZ 4L Applied Alone — Corn or Grain Sorghum section of this label, also apply LIBERTY ATZ 4L in late winter before the weeds emerge. Apply in a minimum of 15 gallons of water per acre or 1 gallon per 1,000 square feet.

For continued summer annual weed control, apply another 2 pints (1.0 lb ai) per acre of LIBERTY ATZ 4L at least 30 days after the previous application. However, **DO NOT** make more than 2 applications of this product per year. On bermudagrass, spring applications may slow green-up and **DO NOT** apply after April 15.

Precautions - Turfgrass for Fairways and Residential Sites

- On newly sprigged turfgrass and hybrid bermuda grass, temporary slowing of growth and yellowing may occur following application.
- **DO NOT** graze or feed turf clippings to animals, or illegal residues may result.
- **To avoid turf injury,**
 - Use only on turfgrass reasonably free of infestations of insects, nematodes, and diseases.
 - **DO NOT** use on golf greens.
 - **DO NOT** use north of NC (except in the VA Coastal Plains) or west of the high rainfall areas of eastern OK and eastern TX.
 - **DO NOT** use on muck or alkaline soils.
 - **DO NOT** apply over the rooting area of trees or ornamentals not listed on this label.
 - **DO NOT** overseed with desirable turfgrass within 4 months before or 6 months after treatment.
 - **DO NOT** apply this product to newly seeded bermuda grass or zoysia grass until it has overwintered and has a well-developed rhizome system.

Restrictions - Turfgrass for Fairways and Residential Sites

- **DO NOT** apply more than 2 pints (1.0 per ai) per acre per application.
- **DO NOT** apply more than 4 pints (2.0 lb ai) per acre per year

MACADAMIA NUTS

For preemergence control of many broadleaf and grass weeds, including crabgrass, foxtail, wiregrass, Flora's paintbrush, spanishneedles, and fireweed, broadcast 4 to 8 pints (2.0 to 4.0 lb ai) per acre of LIBERTY ATZ 4L.

Restrictions

- **DO NOT** spray when nuts are on ground during harvest period.
- **DO NOT** apply by air.
- Application via mechanically pressurized handguns is prohibited.
- **DO NOT** apply more than 8 pints (4.0 lb ai) per acre per application.
- **DO NOT** apply more than 16 pints (8.0 lb ai) per acre per year.

GUAVA

Use only on established plantings which are at least 18 months old. Apply as a directed spray at 4 to 8 pints (2.0 to 4.0 lb ai) per acre of LIBERTY ATZ 4L in 20 to 50 gallons of spray mix preemergence or early postemergence to weeds. When applying postemergence, the use of a surfactant and greater spray volume (80 to 100 gallons of spray mix per acre) may enhance weed control. This product controls many annual broadleaf and grass weeds, including fireweed, purslane, scarlet pimpernel, spanishneedles, and sowthistle.

Precautions

- **To avoid illegal residues,**
 - **DO NOT** allow spray to contact foliage or fruit.
 - **DO NOT** apply more frequently than at 4-month intervals.

Restrictions

- **DO NOT** apply more than 8 pints (4.0 lb ai) per acre per application.
- **DO NOT** apply more than 16 pints (8.0 lb ai) per acre per year.
- Application via mechanically pressurized handguns is prohibited.

STORAGE AND DISPOSAL

DO NOT contaminate water, food, or feed by storage or disposal.

Pesticide Storage: Ground water contamination may be reduced by diking and flooring of permanent liquid bulk storage sites with an impermeable material.

Pesticide Disposal: Open dumping is prohibited. Wastes resulting from the use of this product are acutely toxic. Improper disposal of unused pesticide, spray mixture, or rinsate is a violation of federal law. Pesticide, spray mixture, or rinsate that cannot be used according to label instructions must be disposed of according to federal, state, or local procedures. For guidance in proper disposal methods, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office.

Container Handling

NONREFILLABLE CONTAINER (EQUAL TO OR LESS THAN 5 GALLONS): 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 and drain for 10 seconds after the flow begins to drip. 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. Offer for recycling, if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

NONREFILLABLE CONTAINER (GREATER THAN 5 GALLONS): 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. 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 a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Offer for recycling, if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Pressure rinse as follows (all sizes): Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

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. After triple rinsing is complete, and the container is not suitable for refilling or reconditioning, offer the container for recycling if available, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes. In the event of a major spill, fire, or other emergency, call CHEMTREC **1-800-424-9300**, day or night. If the container is damaged and leaking or material has been spilled follow these procedures:

1. Cover spill with absorbent material.
2. Sweep into disposal container.
3. Wash area with detergent and water and follow with clean water rinse.
4. **DO NOT** contaminate water supplies.
5. Dispose of according to instructions.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product should be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials or other influencing factors in the use of the product, which are beyond the control of LIBERTY CROP PROTECTION, LLC or Seller, TO THE EXTENT CONSISTENT WITH APPLICABLE LAW All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold LIBERTY CROP PROTECTION, LLC and Seller harmless for any claims relating to such factors.

LIBERTY CROP PROTECTION, LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or LIBERTY CROP PROTECTION, LLC, and TO THE EXTENT CONSISTENT WITH APPLICABLE LAW Buyer and User assume the risk of any such use. LIBERTY CROP PROTECTION, LLC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

To the extent consistent with applicable law, neither LIBERTY CROP PROTECTION LLC nor Seller shall be liable for any incidental, consequential or special damages resulting from the use or handling of this product. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF LIBERTY CROP PROTECTION, LLC AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF LIBERTY CROP PROTECTION, LLC OR SELLER, THE REPLACEMENT OF THE PRODUCT.

LIBERTY CROP PROTECTION, LLC and Seller offer this product, and Buyer and User accept it, subject to the foregoing conditions of Sale and Limitation of Warranty and Liability which may not be modified except by written agreement signed by a duly authorized representative of LIBERTY CROP PROTECTION, LLC.

All trademarks are the property of their respective owners.