U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505P)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

NOTICE OF PESTICIDE:
_X_ Registration
___ Reregistration
(under FIFRA, as amended)

EPA Reg. Number:	**Date of Issuance:**
5905-621	9/12/19

Term of Issuance:
Unconditional

Name of Pesticide Product:

Omni Brand Glufosinate 280SL

Name and Address of Registrant (include ZIP Code):

Helena Agri Enterprises, LLC
c/o Pyxis Regulatory Consulting Inc.
4110 136th St. Ct. NW
Gig Harbor, WA 98332

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

Erik Kraft, Product Manager 24
Fungicide Herbicide Branch, Registration Division (7505P)

Date:

9/12/19

EPA Form 8570-6

2. Make the following label changes before you release the product for shipment:

    - Revise the EPA Registration Number to read, "EPA Reg. No. 5905-621."

3. Submit one copy of the revised final printed label for the record before you release the product for shipment.

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.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 03/29/2019
- Alternate CSF 1 dated 03/29/2019
- Alternate CSF 2 dated 03/29/2019
- Alternate CSF 3 dated 03/29/2019
- Alternate CSF 4 dated 03/29/2019
- Alternate CSF 5 dated 03/29/2019

If you have any questions, please contact Manjula Unnikrishnan by phone at 703-347-8520, or via email at unnikrishnan.manjula@epa.gov

Enclosure

[Note to reviewer: Text in brackets [ ] is optional text and may appear on the final label]
[Note to reviewer: {Text} in braces denotes where on the final label text will appear]

{BOOKLET FRONT PANEL LANGUAGE}

GLUFOSINATE-AMMONIUM	GROUP	10	HERBICIDE

Omni Brand Glufosinate 280SL

Omni Brand Glufosinate 280SL is a non-selective herbicide. Apply Omni Brand Glufosinate 280SL for post emergence control of listed weed species in listed berry, tree and vine crops. Omni Brand Glufosinate 280SL may also be applied for potato vine desiccation. Omni Brand Glufosinate 280SL is also a non-selective herbicide for hooded spray applications in conventional cotton and post emergence broadcast use on canola, field corn, sweet corn[*] cotton, soybean and sugar beets[*] designated as LibertyLink. Omni Brand Glufosinate 280SL may be applied as a broadcast burndown application before planting or prior to emergence of any conventional or LibertyLink variety of canola, field corn, cotton, soybean or sugar beet[*]. Omni Brand Glufosinate 280SL may also be applied for canola, corn, cotton and soybean seed propagation.
***Not for use in California.**

ACTIVE INGREDIENT:
Glufosinate-ammonium ……..……..…….....…..... 24.5%
OTHER INGREDIENTS...…… ……..……..…… 75.5%
TOTAL………..……..…… 100.0%
2.34 pounds of active ingredient per U.S. gallon.

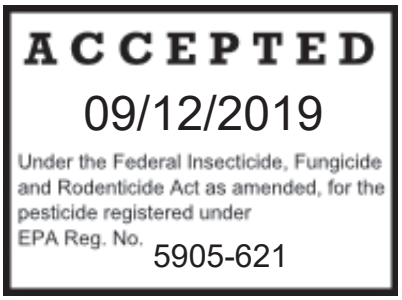
KEEP OUT OF REACH OF CHILDREN
WARNING - AVISO

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

[See] [inside] [label] [booklet] [for] [additional] [Precautionary Statements][,] [and] [Directions for Use] [including] [Storage and Disposal] [instructions][.]

EPA Reg. No. 5905-xx
EPA Est. No. _____ Net Contents:

SOLD By:
Helena Agri-Enterprises, LLC
d/b/a Helena Chemical Company
225 Schilling Blvd., Suite 300
Collierville, Tennessee 38017



{LANGUAGE INSIDE BOOKLET}

FIRST AID	
If in eyes:	• Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If on skin or clothing:	•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.
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.
NOTE TO PHYSICIAN If this product is ingested, endotracheal intubation and gastric lavage should be performed as soon as possible, followed by charcoal and sodium sulfate administration.	
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact **Chemtrec** at **1-800-424-9300** for emergency medical treatment information 24 hrs. per day.	

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
WARNING

Causes substantial but temporary eye injury. Harmful if absorbed through skin. Harmful if swallowed. Do not get in eyes. Avoid contact with skin or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants;
- Chemical-resistant gloves such as barrier laminate, butyl rubber $\geq$ 14 mils, nitrile rubber $\geq$ 14 mils, neoprene rubber $\geq$ 14 mils, polyvinyl chloride (PVC) $\geq$ 14 mils, or Viton® $\geq$ 14 mils
- Shoes plus socks;
- Protective eyewear (goggles, face shield or safety glasses)
- Wear a chemical resistant apron when mixing/loading and cleaning equipment

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 exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Mixers/loaders supporting aerial applications must wear a minimum of a NIOSH approved filtering face piece respirator with any N filter (TC-84A). You can also use other NIOSH approved particulate respirators that offer more protection. When mixing and loading wear a chemical-resistant apron. For overhead exposure wear chemical-resistant headgear. When cleaning equipment wear a chemical-resistant apron.

Engineering Control Statement:
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:
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

Do not apply directly to water or to areas where surface water is present. Do not apply to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of equipment wash waters or rinsate.

This pesticide is toxic to vascular plants. Use in strict accordance with the drift and run-off precautions on this label in order to minimize off-site exposures.

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

DIRECTIONS FOR USE

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

Do not use this product until you have read the entire label. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation. In the State of New York Only: Not For Use In Nassau and Suffolk Counties.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses; and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry intervals. 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, with the following exceptions:

- The REI for works engaged in scouting activities in corn, canola, and soybeans is 4 days.
- The REI for workers to move irrigation piping is 7 days for all crops.

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 worn over short-sleeved shirt and short pants; chemical resistant gloves such as barrier laminate, butyl rubber ≥14 mils, nitrile rubber ≥14 mils, neoprene rubber ≥14 mils, polyvinyl chloride (PVC) ≥14 mils, or Viton® ≥14 mils; shoes plus socks; protective eyewear (goggles, face shield or safety glasses).

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. The application for trimming and edging, industrial, recreational and public areas, and farmsteads are not within the scope of the WPS.

Keep unprotected persons out of treated areas until sprays have dried.

PRODUCT INFORMATION

Omni Brand Glufosinate 280SL is a water soluble herbicide for use as a foliar spray in bushberries (crop subgroup 13B), trees: citrus (crop group 10-10), olive, pome fruit (crop group 11-10), stone fruit (crop group 12-12), tree nut (crop group 14), vines (grapes); also for foliar spray in LibertyLink canola, corn[*], cotton, soybean and sugar beet[*], as well as hooded spray in non-LibertyLink cotton; and for use in potato desiccation, burndown, farmsteads and fallow fields. Omni Brand Glufosinate 280SL exhibits foliar activity to a wide spectrum of broadleaf, grass, annual and perennial weeds.
[***Not for use on sweet corn or sugar beet in California**]

When making application to bushberries (crop subgroup 13B), trees: citrus (crop group 10-10), olive, pome fruit (crop group 11-10), stone fruit (crop group 12-12), tree nut (crop group 14), vines (grapes), keep Omni Brand Glufosinate 280SL solution from contacting green bark, branches or vegetation, to prevent injury to plants. Trunks with callused, established brown bark, or shielded by nonporous wraps, grow tubes or waxed containers can be sprayed with Omni Brand Glufosinate 280SL.

When making post emergent foliar application to canola, corn, cotton, soybean and sugar beet, be sure to make application only to LibertyLink crops. If used on row crops not designated as

LibertyLink, Helena Agri-Enterprises, LLC d/b/a Helena Chemical Company does not warrant that they will tolerate the use of this product without harm to the extent consistent with applicable law.

LibertyLink crops contain a gene which results in a plant that is resistant to Glufosinate-ammonium, whereas other crops do not contain this gene and will suffer serious crop injury or death. When applying Omni Brand Glufosinate 280SL, take care that spray does not contact desirable vegetation, foliage or green tissue of non LibertyLink plants.

When making application to conventional cotton, use a hooded sprayer, to avoid exposure of cotton plants to Omni Brand Glufosinate 280SL. If Omni Brand Glufosinate 280SL comes in contact with non-LibertyLink cotton plants (foliage or stems), serious injury or loss of plant could occur.

Omni Brand Glufosinate 280SL can be applied broadcast prior to planting or emergence of conventional or LibertyLink canola, corn, cotton, soybean or sugar beet, to act as a burndown agent for existing weed species.

IMPORTANT

- Omni Brand Glufosinate 280SL has foliar activity, but little to no activity in soil. Apply product to actively growing weeds for best control. Little to no control of weeds that emerge after application will be achieved.
- For optimum weed control:
    - Make sure uniform, thorough spray coverage is obtained
    - Avoid cultivation from 5 days prior to application to 7 days following application
    - If possible, avoid application in heavy dew, fog, mist or rain
    - Apply Omni Brand Glufosinate 280SL between dawn and 2 hours before sunset (to optimize lambsquarters and velvetleaf control)
- Under good growing conditions, leaves and young shoots will exhibit leaf necrosis within 2 to 4 days of application
- When applying to most weed species, Omni Brand Glufosinate 280SL will be rainfast 4 (four) hours after treatment (if weeds are exposed to rain prior to four hours after application, may need retreatment, or may give decreased weed control)
- Decreased weed control may be observed if weeds are under stress due to such environmental conditions as cloudy weather, cool temperatures or drought.

MIXING DIRECTIONS

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.

Before adding Omni Brand Glufosinate 280SL to the spray tank, make sure the tank has been thoroughly cleaned and free of any product residue. See CLEANING section for instructions. The spray tank must also be properly calibrated prior to use.

Omni Brand Glufosinate 280SL dilutes quickly and easily in water. For proper mixing fill the spray tank with water and begin agitation. Add Omni Brand Glufosinate 280SL and continue agitation. Prior to applying Omni Brand Glufosinate 280SL to crops or use sites, flush out the spray system lines. This will guarantee that the complete system contains and is applying the correct concentration of Omni Brand Glufosinate 280SL.

Tank Mixtures - Compatibility
If applying Omni Brand Glufosinate 280SL in a tank mix or with other mixing products, test compatibility prior to mixing in application equipment.
Compatibility test: In a lidded jar (~1 quart size), add all mix partners, in their relative proportions. Invert, shake or mix the jar thoroughly. If mixture forms precipitates (flakes or sludge), gels, balls up or forms oily film or layers, this indicates incompatibility. Let the mixture stand for 15 minutes before determining compatibility.

Tank Mixtures – Mixing
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.
Omni Brand Glufosinate 280SL can be applied on its own or in combination with other herbicides to provide additional residual control or to support product performance. Make certain that any tank mix partners are registered for use on the same crops or use sites on this product label, and follow all label instructions, restrictions and precautions on both labels. Consult specific crop use directions for additional information regarding rates and restrictions.

Mix Omni Brand Glufosinate 280SL using the following procedure:
1. Fill a clean spray tank with ½ of water required for treatment
2. Begin agitation
3. If mixing with a flowable/wettable powder tank mix partner, use a clean container to make a slurry of the powder and a small amount of water. Add the slurry to the spray tank; rinse slurry mix container; add rinsate to spray tank
4. If required, add appropriate amount of ammonium sulfate (AMS) to the spray tank
5. If mixing with a liquid tank mix partner, add to spray tank next
6. Add the rest of the water to the spray tank
7. Continue agitation and add measured amount of Omni Brand Glufosinate 280SL to spray tank.
8. A silicone antifoam agent can be added, if needed to deter foaming.

Maintain agitation until the product is used. If spray mixture settles, be sure to thoroughly agitate to remix the solution prior to continuing application. Foaming can be minimized by positioning bypass line near or on the bottom of the tank. Use screen size of 50 mesh or greater in line strainers and nozzles.

APPLICATION DIRECTIONS
Apply Omni Brand Glufosinate 280SL to weeds in a manner that results in good coverage of the weed foliage, otherwise diminished weed control will result. Make application when weeds are small and growing (3 inches or less in height), at rates indicated in crop specific sections of this product label.

Ground Application
Omni Brand Glufosinate 280SL can be applied as a broadcast treatment. To ensure complete spray coverage, mix product in at least 15 gallons of water per acre, and up to 20 gallons of water per acre if weed or crop canopy is heavy, unless otherwise indicated in specific crop use directions. For additional information concerning product application, consult the Spray Drift Management portion of this label.

Aerial Application
Unless otherwise specified in specific crop use directions, Omni Brand Glufosinate 280SL can be applied aerially. Mix product in a minimum of 10 gallons of water per acre. For additional information concerning product application, consult the Spray Drift Management portion of this label.
Application Restriction: Air-assisted spray equipment, flood jet nozzles or controlled droplet application equipment cannot be used.

CLEANING

Before storing, mixing or applying Omni Brand Glufosinate 280SL, ensure that all tanks or storage containers have been thoroughly cleaned, including all lines and filters. Thoroughly clean and rinse any containers with a commercial tank cleaner, and consult labeling for any product previously contained or used for additional specific cleaning directions.

After storing, mixing or applying Omni Brand Glufosinate 280SL, clean the equipment or containers thoroughly:

- Triple rinse spray equipment
- Use a commercial tank cleaner following rinses
- Completely remove any foam or rinsate from the boom and spray tank
- Consult pesticide disposal directions for disposing of rinsate

CROP ROTATION

DO NOT plant crops in previously treated areas unless in compliance with the Rotational Restrictions found below, or in the specific crop use directions. Illegal residues may result if Rotational Restrictions are not followed.

Consult Potato Vine Desiccation Use Directions for Rotational Restrictions specifically following Omni Brand Glufosinate 280SL application to potatoes as a vine desiccant.

Crop	**Minimum Rotational Interval**
Canola Corn, Sweet Corn Cotton Soybeans Sugarbeets	0 days (may be planted at any time after Omni Brand Glufosinate 280SL application)
Root and Tuber Vegetables Leafy Vegetables Brassica Leafy Vegetables Small Grains (Barley, Buckwheat, Oats, Rye, Teosinte, Triticale, Wheat)	70 days
Other Crops*	180 days

*For all crops not listed in the table above, there must be a minimum rotation interval of 180 days.

WEED RESISTANCE MANAGEMENT

Glufosinate-ammonium, the active ingredient in this product, is a Group 10 herbicide based on the mode of action classification system of the Weed Science Society of America. Any weed population may contain plants naturally resistant to Group 10 herbicides. Weed species with acquired resistance to Group 10 herbicides may eventually dominate the weed population if Group 10 herbicides are used repeatedly in the same field or in successive years as the primary method of control for targeted species. This may result in partial or total loss of control of those species by Omni Brand Glufosinate 280SL or other Group 10 herbicides. Users should scout before and after application.

Suspected herbicide resistant weeds may be identified by these indicators:

- Failure to control a weed species normally controlled by the herbicide applied at specified application rates, especially if control is achieved on adjacent weeds.
- The spreading of a patch of a particular weed species that survives a herbicide application; and
- Surviving plants mixed with controlled individuals of the same species.

To delay herbicide resistance:

• Avoid the consecutive use of Omni Brand Glufosinate 280SL or other target site of action Group 10 herbicides that might have a similar target site of action, on the same weed species.

• Use tank mixtures or premixes with herbicides from different target site of action Groups as long as the involved products are all registered for the same use, have different sites of action and are both effective at the tank mix or prepack rate on the weed(s) of concern (an herbicide mode of action classification by itself may not adequately address specific weeds that are resistant to specific herbicides)

• Base herbicide use on a comprehensive Integrated Pest Management (IPM) program.

• Scout fields prior to application to identify the weed species present and their growth state to determine if the intended application will be effective.

• Scout fields after application to verify that the treatment was effective.

• Contact your local extension specialist, certified crop advisors and/or manufacturer for herbicide resistance management and/or integrated weed management recommendations for specific crops and resistant weed biotypes.

Report any incidence of non-performance of this product against a particular weed species to your Helena Agri-Enterprises, LLC d/b/a Helena Chemical Company retailer or representative. If resistance is suspected, treat weed escapes with an herbicide having a different mechanism of action and/or use non-chemicals means to remove escapes, as practical, with the goal of preventing further seed production.

Best Management Practices

Proactively implementing diversified weed control strategies to minimize selection for weed populations resistant to one or more herbicides is recommended. A diversified weed management program may include the use of multiple herbicides with different modes of action and overlapping weed spectrum with or without tillage operations and/or other cultural practices. Research has demonstrated that using the labeled rate and directions for use is important to delay the selection for resistance. Scouting after a herbicide application is important because it can facilitate the early identification of weed shifts and/or weed resistance and thus provide direction on future weed management practices. One of the best ways to contain resistant populations is to implement measures to avoid allowing weeds to reproduce by seed or proliferate vegetatively. Cleaning

equipment between sites and avoiding movement of plant material between sites will greatly aid in retarding the spread of resistant weed seed. User should report lack of performance to registrant or their representative.

MANDATORY SPRAY DRIFT MITIGATION

- When applying to crops via aerial application equipment, the spray boom must be mounted on the aircraft so as to minimize drift caused by wing tip or rotor blade vortices. The boom length must not exceed 75% of the wingspan or 90% of the rotor blade diameter.
- When applying to crops via aerial application equipment, applicators must use ½ swath displacement upwind at the downwind edge of the field.
- Do not apply when wind speeds exceed 10 miles per hour at the application site.
- Do not apply during temperature inversions.
- For aerial applications, do not release spray at a height greater than 10 ft above the crop canopy, unless a greater application height is necessary for pilot safety.
- For ground applications and aerial applications, select nozzle and pressure that deliver medium to coarse spray droplets as indicated in nozzle manufacturer's catalogues and in accordance with ASABE Standard 572.1.
- Spray at the appropriate boom height based on nozzle selection and nozzle spacing, but do not exceed a boom height of 24 inches above target pest or crop canopy. Set boom to lowest effective height over the target pest or crop canopy based on equipment manufacturer's directions. Automated boom height controllers are recommended with large booms to better maintain optimum nozzle to canopy height. Excessive boom height will increase the potential for spray drift.
- For non-crop vegetation management ground applications, apply with the nozzle height no more than 4 feet above the ground or target vegetation, unless necessitated by the application equipment. An example would include roadside applications where safety or natural barriers obstruct application.

SPRAY DRIFT ADVISORIES

POLLINATOR ADVISORY STATEMENT

This product contains an herbicide. Follow all label directions and precautions to minimize potential off-target exposure in order to prevent effects to non-target plants adjacent to the treated site which may serve as habitat or forage for pollinators.

Spray Drift Management:

The interaction of many equipment and weather-related factors determines the potential for spray drift. The applicator is responsible for considering all these factors when making application decisions.

- **Importance of Droplet Size:**

The most effective way to reduce drift potential is to apply large droplets. The best drift management strategy is to apply the largest droplets that provide sufficient coverage and control. The presence of sensitive species nearby, the environmental conditions, and pest pressure may affect how an applicator balances drift control and coverage. APPLYING LARGER DROPLETS REDUCES DRIFT POTENTIAL, BUT WILL NOT PREVENT DRIFT IF APPLICATIONS ARE MADE IMPROPERLY OR UNDER UNFAVORABLE ENVIRONMENTAL CONDITIONS! See Wind, Temperature and Humidity, and Temperature Inversions sections of this label.

- **Techniques for Controlling Droplet Size:**

• Volume - Use high flow rate nozzles to apply the highest practical spray volume. Nozzles with higher rated flows produce larger droplets.
• Pressure - Use the lower spray pressures recommended for the nozzle. Higher pressure reduces droplet size and does not improve canopy penetration. WHEN HIGHER FLOW RATES ARE NEEDED, USE A HIGHER-CAPACITY NOZZLE INSTEAD OF INCREASING PRESSURE.
• Nozzle Type - Use a nozzle type that is designed for the intended application. With most nozzle types, narrower spray angles produce larger droplets. Consider using low-drift nozzles.

- **Controlling Droplet Size – Aircraft**

• Number of Nozzles - Use the minimum number of nozzles with the highest flow rate that provide uniform coverage.
• Nozzle Orientation - Orienting nozzles so that the spray is emitted backwards, parallel to the airstream will produce larger droplets than other orientations. AVOIDING SPRAY DRIFT IS THE RESPONSIBILITY OF THE APPLICATOR.
• Nozzle Type - Solid stream nozzles (such as disc and core with swirl plate removed) oriented straight back produce larger droplets than other nozzle types.
• Boom Length - Longer booms increase drift potential. Therefore a shorter boom length is recommended.
• Application Height - Application more than 10 ft. above the canopy increases the potential for spray drift.

- **Boom Height**

Setting the boom at the lowest referenced height (if specified) which provides uniform coverage reduces the exposure of droplets to evaporation and wind. For ground equipment, the boom should remain level with the crop and have minimal bounce.

- **Drift Reduction Technology (DRT)**

The EPA Drift Reduction Technology (DRT) Program was developed to encourage the manufacture, marketing, and use of spray technologies scientifically verified to significantly reduce pesticide drift. The use of DRTs should result in significantly less pesticide spray applications drifting and being deposited in areas not targeted by those applications, compared to spray technologies that do not meet the minimum DRT standard. EPA-verified drift reduction technologies (DRTs) and their ratings will be added to the following webpage as they become available: https://www.epa.gov/reducing-pesticide-drift/epa-verified-and rated-drift-reduction-technologies

- **Wind**

Drift potential increases at wind speeds of less than 3 mph (due to inversion potential) or more than 10 mph. However, many factors, including droplet size and equipment type determine drift potential at any given wind speed. AVOID APPLICATIONS DURING GUSTY OR WINDLESS CONDITIONS.
Note: Local terrain can influence wind patterns. Every applicator needs to be familiar be familiar with local wind patterns and how they affect spray drift.

- **Temperature and Humidity**

When making applications in hot and dry conditions, set up equipment to produce larger droplets to reduce effects of evaporation.

- **Temperature Inversions**

Drift potential is high during a temperature inversion. Temperature inversions restrict vertical air mixing, which causes small suspended droplets to remain close to the ground and move laterally

in a concentrated cloud. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. They begin to form as the sun sets and often continue into the morning. Their presence can be indicated by ground fog; however, if fog is not present, inversions can also be identified 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.

- **Shielded Sprayers**

Shielding the boom or individual nozzles can reduce the effects of wind. However, it is the responsibility of the applicator to verify that the shields are preventing drift and not interfering with uniform deposition of the product.

LISTED BERRY, TREE AND VINE CROPS USE DIRECTIONS

Omni Brand Glufosinate 280SL can be applied to the following Berry, Tree and Vine Crops:

- Bushberry (crop subgroup 13B): blueberry, currant, elderberry, gooseberry, huckleberry
- Berries (other): lingonberry; juneberry; salal
- Citrus (crop group 10-10): lemon, orange, grapefruit, lime, mandarin, tangerine, tangelo, calamondin, kumquat, pummelo, citron, citrus hybrids, Tangor, and cultivars, varieties and/or hybrids of these
- Olives
- Pome Fruits (crop group 11-10): apples, pear, crabapple, loquat, mayhaw, quince, azarole, Medlar, Tejocote, cultivars, varieties and/or hybrids of these
- Stone Fruit (crop group 12-12): apricot, cherry, peach, nectarine, plum, capulin, jujube, Sloe and cultivars, varieties and/or hybrids of these
- Tree nuts (crop group 14): almond, filberts, hickory nuts, macadamia nuts (bush nuts), pecans, pistachio, walnut
- Vine: all grape varieties (table, wine, raisin)

Application of Omni Brand Glufosinate 280SL can be made via broadcast, spot or directed spray or banded spray applications

USE RATE AND TIMING

Broadcast Application: Make broadcast application at the following use rates, depending on height of weeds or growth phase of grasses:

48 fl. oz. product/A (0.87 lb ai/A) – weeds <3" in height
56 fl. oz. product/A (1.02 lbs ai/A) – weeds < 6" in height, pre-tiller grasses
56 – 82 fl. oz. / A (1.02 lbs – 1.5 lbs ai/A)– Weeds > 6" in height and/or grasses that have tillered

Spot or Directed Spray: Make application to weeds until foliage is wet, but not to the point of runoff. Use 1.7 fl. oz. Omni Brand Glufosinate 280SL (0.03 lb ai) per gallon of water.

Banded Application: Rates indicated above are for broadcast use. The equivalents must be adjusted to reflect the actual treated area. The following formulas indicate accurate rate and volume for banded uses:

$$\frac{\text{Band width in inches}}{\text{Row width in inches}} \times \text{Rate per acre broadcast} = \text{Amount of herbicide needed for treatment}$$

Sucker Control: Apply 56 oz. product/A (1.02 lbs ai/A) in a split application to young, green uncallused suckers that are no more than 12" in length. Wait approximately 4 weeks between applications. Sucker foliage must be thoroughly covered with product.

IMPORTANT

- Omni Brand Glufosinate 280SL can be applied as a directed broadcast spray, banded or spot treatment, to control weeds and undesirable vegetation in tree, vine and berries listed above
- Consult Weed Chart A for weeds controlled
- For best results, use appropriate rates for size of weeds, make sure spray consistently and fully covers weeds, and apply to emerged weeds that are young and actively growing and which are less than 3" in height
- For enhanced performance of Omni Brand Glufosinate 280SL, apply during warm and sunny weather, and high humidity
- Lower use rate, unfavorable environment, or weed growth stage at time of treatment could result in regrowth of weeds. Additional application of Omni Brand Glufosinate 280SL may be needed for control of weeds growing from seeds or in-ground portions of weeds
- Use highest labeled application rate for weeds in thick populations or under stress (including prior treatments with other herbicides).
- Omni Brand Glufosinate 280SL solution can injure or severely damage green bark, branches or vegetation, or desirable nontarget plants. Avoid contact with mixture, spray, drift or mist. Trunks with callused, established brown bark, or shielded by nonporous wraps, grow tubes or waxed containers can be sprayed with Omni Brand Glufosinate 280SL
- Thoroughly clean application equipment following use.

Tank Mixes: Unexposed plant parts or residual weed growth is not controlled by Omni Brand Glufosinate 280SL. For residual control or control of a broader spectrum of weeds, or to support product performance, Omni Brand Glufosinate 280SL can be mixed with other herbicides registered for use on berries, trees and vine crops. 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 mix. When using Omni Brand Glufosinate 280SL in a tank mix, additional surfactant is not required.

Restrictions:

- Do not apply more than 164 fl. oz. Omni Brand Glufosinate 280SL (3 lbs ai/A) to bushberry (crop subgroup 13B) or stone fruit (crop group 12-12) within a 1 year period.
- Do not apply more than 246 fl. oz. Omni Brand Glufosinate 280SL (4.5 lbs ai/A) to tree nuts (crop group 14) and vines, pome fruit (crop group 11-10), citrus (crop group 10-10) and olives within a 1 year period.
- Do not apply more than 82 fl. oz./A (1.5 lbs ai/A) in a single application. Make no more than 2 applications at the maximum rate of 82 fl. oz. per acre (1.5 lb ai/A) per application to berry (crop subgroup 13B), or stone fruit (crop group 12-12), or no more than 3 applications at the maximum rate of 82 fl. oz. per acre (1.5 lbs ai/A) per application to tree nuts (crop group 14), vines, pome fruit (crop group 11-10), citrus (crop group 10-10) or olives per year.
- Pre-harvest interval is 14 days.

- Orchard cover crops are not to be grazed or harvested and/or fed to livestock.
- Do not make directed spray or spot applications to vine trunk or tree trunk, or spot applications to suckers (to avoid injury).
- Omni Brand Glufosinate 280SL is not to be applied through any type of irrigation system.
- Omni Brand Glufosinate 280SL is not to be applied aerially to tree, berry or vine crops.
- Observe an application interval of 14 days for berries, tree nuts, vine, citrus fruits, pome fruits and olives, and 28 days for stone fruits.
- Do not retreat after previous herbicide application until weeds have reached adequate height for effective treatment.

PUBLIC, RECREATIONAL AREAS AND FARMSTEADS USE DIRECTIONS

Omni Brand Glufosinate 280SL can be used around public and recreational areas and non-crop areas of farmsteads to provide nonselective weed control. Use areas include:

- building foundations and farmstead areas
- shelter belts
- along fences and fence lines
- ditch banks and dry ditches
- storage and lumber yards, tank farms, pumping stations
- airports, commercial plants
- schools and other educational facilities
- parks, parking lots, roadsides

USE RATES AND TIMING

Application can be made by application or spot spray. Consult these directions in the 'Tree, Vine and Berry' crops section of this label for these use directions.

Consult Weed List A for list of weeds controlled.

Restrictions:

- Do not apply more than 82 fl. oz./A (1.5 lbs ai/A) in a single application.
- The maximum yearly application rate is 164 fl. oz. (3 lbs ai) per acre.
- The maximum number of applications is 2 per year.
- Observe an application interval of 14 days.

WEED LIST A

For **Berry, Tree and Vine Crops** and **Farmsteads**

Broadleaf Weeds

Alkali sida	Fleabane, annual	Morningglory, entireleaf	Redmaids
Ammannia, purple	Goosefoot	Morningglory, ivyleaf	Shepherd's-Purse
Arrowhead, California	Gromwell, field	Morningglory, pitted	Smartweed, Pennsylvania
Buckwheat, wild	Groundcherry, cutleaf	Mullein, turkey	Sowthistle, annual
Buffalobur	Groundsel, common	Mustard, wild	Spurge, prostrate
Burclover, California	Henbit	Nettle	Starthistle, yellow
Carpetweed	Jimsonweed	Nightshade, black	Sunflower, common
Chickweed, common	Knotweed	Nightshade, eastern black	Sunflower, prairie
Chinese thornapple	Kochia	Nightshade, hairy	Sunflower, volunteer
Cocklebur, common	Lambsquarters, common	Pennycress	Swinecress
Cudweed	Lettuce, miner's	Pigweed, redroot	Thistle, Russian
Cutleaf evening-primrose	Lettuce, prickly	Pineapple-weed	Turnip, wild
Dodder	London rocket	Puncturevine	Velvetleaf
Eclipta	Mallow, common	Purslane, common	Vervain
			Vetch

Fiddleneck	Malva (little mallow)	Radish, wild	Virginia copperleaf
Filaree	Marestail	Ragweed, common	Willowherb, panicle
Filaree, redstem	Mayweed	Ragweed, giant	

Biennial and Perennial Weeds

Aster, white heath	Dallisgrass	Mullein, common	Rocket, yellow
Bindweed, field	Dandelion	Mustard, tansy	Rose, wild
Bindweed, hedge	Dock, curly	Nutsedge, purple	*Rubus* spp.
Bluegrass, Kentucky	Dogbank (hemp)	Nutsedge, yellow	Spurge, leafy
Bromegrass, smooth	Fescue	Onion, wild	Thistle, bull
Bulrush[1]	Goldenrod, gray	Orchardgrass	Thistle, musk
Burdock	Guineagrass	Paragrass	Torpedograss
Canada thistle	Horsetail	Plantain	Vaseygrass
Clover, Alsike	Lovegrass	Poison ivy/oak	Woodsorrel
Clover, red	Mugwort	Quackgrass	Yarrow, common
Clover, white			

*suppression only

Grass Weeds

Barnyardgrass	Crabgrass, smooth	Junglerice	Shattercane
Bluegrass, annual	Cupgrass, woolly	Oat, wild	Sprangletop
Brome, ripgut	Foxtail, giant	Panicum, fall	Stinkgrass
Bromegrass, downy	Foxtail, green	Panicum, Texas	Wheat, volunteer
Canarygrass	Foxtail, yellow	Rush, toad[1]	Windgrass
Chess, soft	Goosegrass	Ryegrass, annual[2]	Witchgrass
Crabgrass, large	Johnsongrass, seedling	Sandbur, field	

[1]suppression only
[2]Make application to annual ryegrass before it reaches 3" tall

CANOLA USE DIRECTIONS

Omni Brand Glufosinate 280SL can be applied to LibertyLink canola to control weeds.

USE RATE AND TIMING

Apply 22 fl. oz./A product (0.4 lb ai/A) to canola in cotyledon to early bolt stage. A second application of 22 fl. oz./A product (0.4 lb ai/A) may be used for control of later emerging weeds. Consult Weed List C (20-22 fl. oz./A rate) (0.37-0.4 lb ai/A rate) for weed species controlled and weed height for optimum control.

IMPORTANT

- For enhanced performance of Omni Brand Glufosinate 280SL, apply during warm and sunny weather and high humidity
- For best results, make sure spray consistently and fully covers weeds, and apply to emerged weeds that are young and actively growing and which are less than 3" in height
- Use of Omni Brand Glufosinate 280SL may result in a temporary slight discoloration of canola after application, which will not influence yield, growth or maturity of the crop.
- Early season weed control is necessary for best harvest

- Omni Brand Glufosinate 280SL will not control any volunteer LibertyLink plants (corn, cotton, soybean or sugarbeets) that are left from the previous season.

If canola is injured or adversely affected by environmental stress or conditions (such as excessive rainfall, fog, heavy dew, cool temperatures, cloudiness, drought, pest pressure, etc.) or prior herbicide application, weed control can be reduced

Tank Mixes: To support product performance, Omni Brand Glufosinate 280SL can be mixed with other herbicides registered for use on canola. 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 mix. When using Omni Brand Glufosinate 280SL in a tank mix with a grass herbicide used at a reduced rate (such as a herbicide containing the active ingredients quizalofop, sethoxydim or clethodim) the AMS rate may be reduced to 1.5 lb./A. When using Omni Brand Glufosinate 280SL in a tank mix, additional surfactant is not required.

Spray Additive: If weeds are under stress or if more persistent weeds (including velvetleaf or lambsquarters) are present, addition of Ammonium Sulfate (AMS) at a rate of 1.5 to 3 lbs/A to Omni Brand Glufosinate 280SL can enhance results. Choose appropriate rate based on temperatures and environmental conditions, the probability of leaf burn, or tank mixes. If necessary, other additives, such as drift control agents can be used. Use of an antifoam agent is suggested. Use care when adding additional crop oils or surfactants, as the risk of an adverse crop response can be increased.

RESTRICTIONS

- Do not apply more than 22 fl. oz./A (0.4 lb ai/A) per application.
- Do not make more than 2 applications of Omni Brand Glufosinate 280SL per year.
- Do not exceed the max yearly application rate of 44 fl. oz./A (0.8 lb ai/A).
- Wait 10 days between applications.
- When Omni Brand Glufosinate 280SL is used as a burnout, no additional (post emergent) applications can be made to canola.
- Pre-harvest interval is 65 days.
- Omni Brand Glufosinate 280SL is not to be applied through any type of irrigation system.
- Canola treated with Omni Brand Glufosinate 280SL cannot be cut for hay or grazed
- Do not apply Omni Brand Glufosinate 280SL to LibertyLink canola in the following states: AL, DE, GA, KY, MD, NJ, NC, SC, TN, VA, WV

SWEET CORN[*], FIELD CORN AND SILAGE CORN USE DIRECTIONS

Omni Brand Glufosinate 280SL can be applied to LibertyLink corn to control weeds.
[*Not for use on sweet corn in California]

USE RATE AND TIMING

Apply 22 fl. oz./A product (0.4 lb ai/A) to field and silage corn, or 20 fl. oz./A product (0.37 lb ai/A) to sweet corn. A second application of 22 fl. oz. (field and silage corn) (0.4 lb ai/A) or 20 fl. oz. (sweet corn) (0.37 lb ai/A), or tank mix with a residual herbicide may be used for control of later emerging weeds. Consult weed list C (20 – 22 fl. oz. rate) (0.37-0.4 lb ai/A rate) for weed species controlled and optimum weed height for control.

Timing

- Corn up to 24" tall or V7 stage of growth (7 developed collars), whichever comes first – apply over the top or ground application with drop nozzle
- Corn 24" to 36" tall – ground application with drop nozzle (avoid spraying corn stalk leaf axis or whorls)

IMPORTANT

- For best results, make sure spray consistently and fully covers weeds and apply to emerged weeds that are young and actively growing and which are less than 3" in height.
- For enhanced performance of Omni Brand Glufosinate 280SL, apply during warm and sunny weather and high humidity
- Early season weed control is necessary for best harvest

If corn is injured or adversely affected by environmental stress or conditions (such as excessive rainfall, fog, heavy dew, cool temperatures, cloudiness, drought, pest pressure, etc.) or prior herbicide applications, weed control can be reduced.

Tank Mixes: To support product performance, Omni Brand Glufosinate 280SL can be mixed with other herbicides registered for use on corn (sweet, field or silage). 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 mix. Additional surfactant is not needed when tank mixing. If tank mixing with products containing the active ingredients carfentrazone-ethyl, metolachlor, s-metolachlor, and products with a combination of s-metolachlor, mesotrione and atrazine, use ½ rate with Omni Brand Glufosinate 280SL, to reduce the risk for adverse crop response. If tank mixing with products containing pendimethalin, be aware that reduced control of barnyardgrass, fall panicum, field sandbur, yellow foxtail and volunteer corn can occur.

Spray Additive: If weeds are under stress or if more persistent weeds (including velvetleaf or lambsquarters) are present, addition of Ammonium Sulfate (AMS) at a rate of 1.5 to 3 lbs/A to Omni Brand Glufosinate 280SL can enhance results. Choose appropriate rate based on temperatures and environmental conditions, the probability of leaf burn, or tank mixes. Use of an antifoam agent is suggested. Use care when adding additional crop oils or surfactants, as the risk of an adverse crop response can be increased.

RESTRICTIONS

- Do not apply more than 22 fl. oz./A (0.4 lb ai/A) per application.
- Do not more than 2 applications of Omni Brand Glufosinate 280SL to corn per year.
- Do not exceed the maximum yearly application rate of 44 fl. oz. (0.8 lb ai/A) for field, silage and sweet corn.
- Wait 10 days between applications.
- When Omni Brand Glufosinate 280SL is used as a burndown, no additional (post emergent) applications can be made to corn.
- Pre-harvest intervals are 50 days for sweet corn ears, 55 days for sweet corn stover, 60 days for field and silage corn forage and 70 days for field and silage corn grain and fodder.
- Omni Brand Glufosinate 280SL is not to be applied through any type of irrigation system.
- Nitrogen solutions are not to be used as spray carriers

COTTON USE DIRECTIONS

Omni Brand Glufosinate 280SL can be applied to LibertyLink cotton (broadcast, over-the-top postemergence or directed spray) to control weeds, or conventional (non LibertyLink) cotton (postemergence hooded/shielded spray) to control weeds. If Omni Brand Glufosinate 280SL comes in contact with non LibertyLink cotton plants (foliage or stems), serious injury or loss of plant could occur. Omni Brand Glufosinate 280SL can also be used for post-harvest applications.

USE RATE AND TIMING

Omni Brand Glufosinate 280SL can be applied to cotton via two different use patterns. TIMING 1 use pattern is used if weeds are particularly large, or weed pressure is high due to environmental conditions preventing timely use of Omni Brand Glufosinate 280SL. TIMING 2 use pattern is used for low to medium weed pressure. Consult Weed List C for weed species controlled.

Use Pattern	Use Rate Application 1	Use Rate Application 2	Use Rate Application 3	Cumulative Maximum use rate per year
TIMING 1	32 – 43 fl. oz./A (0.59 lb – 0.79 lb ai/A)	29 fl. oz./A (0.53 lb ai/A)	None	72 fl. oz./A (1.32 lbs ai/A)
TIMING 2	29 fl. oz./A (0.53 lb ai/A)	29 fl. oz./A (0.53 lb ai/A)	29 fl. oz./A (0.53 lb ai/A)	87 fl. oz. / A (1.59 lbs ai/A)

Yearly maximum use rate is 72 fl oz/A (1.32 lbs ai/A) (including all application timings) when a single application higher than 29 fl oz/A (0.53 lb ai/A) is made.

Banded Application: Rates indicated above are for broadcast use. The equivalents must be adjusted to reflect the actual treated area. The following formulas indicate accurate rate and volume for banded uses:

$$\frac{\text{Band width in inches}}{\text{Row width in inches}} \times \text{Broadcast RATE per acre} = \text{Amount of banded product needed per acre}$$

$$\frac{\text{Band width in inches}}{\text{Row width in inches}} \times \text{Broadcast spray VOLUME per acre} = \text{Banded spray volume needed per acre}$$

Post Harvest Application: When using Omni Brand Glufosinate 280SL as a post harvest burndown treatment to cotton fields, a single application not to exceed 43 fl. oz./A (0.79 lb ai/A) can be applied. Adjust use rate to correspond with size of weeds. If the single application rate exceeds 29 fl. oz./A (0.53 lb ai/A), then the yearly maximum use rate is 72 fl. oz./A (1.32 lbs ai/A) (including all application timings).

LibertyLink Cotton: Apply product foliarly over the top or directed spray to the lower 1/3 of the cotton stand.

Non LibertyLink Cotton - Hooded Spray Application:
Apply Omni Brand Glufosinate 280SL via a hooded sprayer that is designed to direct product spray to the weeds and minimize exposure to cotton plants. When using this method of

application, take all possible steps to avoid exposing cotton plants to product spray. Key points for using hooded sprayer are:

- A hooded sprayer operates so that the top and sides are enclosed by a hood, protecting cotton from product spray
- Set up hooded sprayer so that it is run on or skims across the field, and operate the sprayer in a manner and speed that keeps the hood from bouncing or raising off the ground (NOTE – if hood becomes raised, it can allow spray particles to escape, which could cause damage or loss of cotton plant)
- Adjust hoods to protect desirable plants and use nozzles that deliver uniform exposure
- Avoid applying where ground is sloped or uneven, and could allow spray hoods to be raised off the ground

IMPORTANT

- For best results, make sure spray consistently and fully covers weeds, and apply to emerged weeds that are young and actively growing and which are less than 3" in height
- For enhanced performance of Omni Brand Glufosinate 280SL, apply during warm and sunny weather, and high humidity
- If cotton are injured or adversely affected by environmental stress or conditions (such as excessive rainfall, fog, heavy dew, cool temperatures, cloudiness, drought, pest pressure, etc.) or prior herbicide application, weed control can be reduced
- Consult Weed Chart B for weed control, and if a mixed population of weeds are present, use the rate necessary to control all weed species.
- Additional application of Omni Brand Glufosinate 280SL or tank mix with other herbicide may be needed for control of weeds growing from seeds or in-ground portions of weeds
- Early season weed control is necessary for best harvest
- Omni Brand Glufosinate 280SL will not control any volunteer LibertyLink plants (corn, cotton, soybean, sugarbeet) that are left from the previous season

Tank Mixes: To support product performance, Omni Brand Glufosinate 280SL can be mixed with other herbicides registered for use on cotton. 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 mix.

Spray Additive: If weeds are under stress or if more persistent weeds (including velvetleaf or lambsquarters) are present, addition of Ammonium Sulfate (AMS) at a rate of 1.5 to 3 lbs/A to Omni Brand Glufosinate 280SL can enhance results. Choose appropriate rate based on temperatures and environmental conditions, the probability of leaf burn, or tank mixes. Use of an antifoam agent is suggested. Use care when adding additional crop oils or surfactants, as the risk of an adverse crop response can be increased.

- **Restrictions:** Do not apply more than 43 fl. oz./A (0.79 lb ai/A) in a single application.
- Within a 1 year period, up to 3 applications of Omni Brand Glufosinate 280SL may be made at a maximum rate of 29 fl. oz./A (0.53 lb ai/A).
- If applying a maximum application rate of 29 fl. oz./A (0.53 lb ai/A), the maximum yearly application rate is not to exceed 87 fl. oz./A (1.6 lbs ai/A), including all application timings. Observe an application interval of at least 10 -14 days.
- If large weeds or dense infestation is present, because timely application was not possible (due to environmental conditions), an application rate not to exceed 43 fl. oz./A

(0.79 lb ai/A) can be made, and a second application may be made at a maximum rate of 29 fl. oz./A (0.53 lb ai/A).

- If applying a maximum application rate greater than 29 fl. oz./A (0.53 lb ai/A), the maximum yearly application rate is not to exceed 72 fl. oz./A (1.32 lbs ai/A), including all application timings.
- Observe an application interval of at least 10 – 14 days.
- Pre-harvest interval is 70 days.
- Omni Brand Glufosinate 280SL is not to be applied through any type of irrigation system
- Omni Brand Glufosinate 280SL cannot be applied to cotton south of Tampa in Florida (Route 60) or in Hawaii (except for application to breeding nurseries or test plots)

SOYBEANS USE DIRECTIONS

Omni Brand Glufosinate 280SL can be applied to LibertyLink soybeans to control weeds.

USE RATE AND TIMING

Apply 22 – 29 fl. oz./A product (0.4-0.53 lb ai/A) to soybeans, from emergence up to just before bloom. If weed pressure is high, due to environmental conditions, preventing a timely use of Omni Brand Glufosinate 280SL, a single application of up to 36 fl. oz./A (0.66 lb ai/A) can be made to soybeans beyond the V3-V4 vegetative growth phase. A second application of 29 fl. oz./A (0.53 lb ai/A) can be used for later emerging weeds. Consult Weed List C for appropriate application rate based on weed type and size. Yearly maximum use rate is 65 fl. oz. product per acre (1.2 lbs ai/A).

IMPORTANT

- For enhanced performance of Omni Brand Glufosinate 280SL, apply during warm and sunny weather and high humidity.
- For best results, make sure spray consistently and fully covers weeds, and apply to emerged weeds that are young and actively growing and which are less than 3” in height
- Early season weed control is necessary for best harvest.
- Omni Brand Glufosinate 280SL can provide complete weed control when applied in a timely manner, however tank mixing or use of Omni Brand Glufosinate 280SL in conjunction with residual herbicides can help with reduction of early season weed competition, and control of later emerging weeds (particularly if environmental conditions prevented timely application of Omni Brand Glufosinate 280SL).

If soybeans are injured or adversely affected by environmental stress or conditions (such as excessive rainfall, fog, heavy dew, cool temperatures, cloudiness, drought, pest pressure, etc.) or prior herbicide application, weed control can be reduced.

Tank Mixes: To support product performance, Omni Brand Glufosinate 280SL can be mixed with other herbicides registered for use on soybeans. 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 mix. Additional surfactant is not necessary when tank mixing.

Spray Additives: If weeds are under stress or if more persistent weeds (including velvetleaf or lambsquarters) are present, addition of Ammonium Sulfate (AMS) at a rate of 1.5 to 3 lb /A to Omni Brand Glufosinate 280SL can enhance results. Use of an antifoam agent is suggested. Use care when adding additional crop oils or surfactants, as the risk of an adverse crop response can be increased.

RESTRICTIONS

- Do not make more than 2 applications of Omni Brand Glufosinate 280SL to soybeans per year (including burndown).
- Do not exceed the max yearly application rate of 65 fl. oz./A (1.2 lbs ai/A) when applied at reduced rates.
- Do not apply more than 36 fl. oz./A (0.66 lb ai/A) in a single application.
- Wait at least 10 days between applications.
- Pre-harvest interval is 70 days.
- Omni Brand Glufosinate 280SL is not to be applied through any type of irrigation system
- Soybeans treated with Omni Brand Glufosinate 280SL cannot be cut for hay or grazed
- Nitrogen solutions are not to be used as spray carriers.

SUGARBEETS USE DIRECTIONS

[(Not for use in California)]

Omni Brand Glufosinate 280SL can be applied to LibertyLink sugarbeets to control weeds.

USE RATE AND TIMING

Apply up to 30 fl. oz./A product (0.55 lb ai/A) to sugarbeets, from cotyledon stage up to 10 leaf stage. A second application of up to 30 fl. oz. /A (0.55 lb ai/A) will be needed to control later emerging weeds. Consult Weed List B for weed species controlled. Optimum control is obtained when weeds are 1 inch or less in height or diameter.

IMPORTANT

- To avoid reduced performance of Omni Brand Glufosinate 280SL, do not apply when heavy dew, fog, or mist/rain are present
- For best results, make sure spray consistently and fully covers weeds, and apply to emerged weeds that are young and actively growing and which are less than 3” in height
- Make a cultivation 5 days before or 5 days after application of Omni Brand Glufosinate 280SL
- Early season weed control is necessary for best harvest
- If sugarbeets are injured or adversely affected by environmental stress or conditions (such as excessive rainfall, fog, heavy dew, cool temperatures, cloudiness, drought, pest pressure, etc.) or prior herbicide application, weed control can be reduced
- Weeds that emerge after Omni Brand Glufosinate 280SL has been applied will not be controlled, as Omni Brand Glufosinate 280SL does not exhibit residual activity. If crop experiences a rain event within 4 hours of application, retreatment may be necessary, however after 4 hours, Omni Brand Glufosinate 280SL is rainfast.

Tank Mixes: To support product performance, Omni Brand Glufosinate 280SL can be mixed with other herbicides registered for use on sugarbeets. 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 mix.

Spray Additives: If necessary, drift control agents can be used with Omni Brand Glufosinate 280SL. **DO NOT** use surfactants. If weeds are under stress or if more persistent weeds (including velvetleaf or lambsquarters) are present, addition of Ammonium Sulfate (AMS) at a rate of 1.5 to

3 lbs/A to Omni Brand Glufosinate 280SL can enhance results. Choose appropriate rate based on temperatures and environmental conditions, the probability of leaf burn, or tank mixes. Use of an antifoam agent is suggested.

RESTRICTIONS

- Within a 1 year period, up to 2 applications of Omni Brand Glufosinate 280SL may be made at a maximum rate of 30 fl. oz./A (0.55 lb ai/A).
- A second application may be made a minimum of 10 days after the first application.
- Do not exceed the max yearly application rate of 60 fl. oz./A (1.1 lbs ai/A).
- Do not apply more than 30 fl. oz./A (0.55 lb ai/A) in a single application.
- Pre-harvest interval is 60 days.
- Omni Brand Glufosinate 280SL is not to be applied through any type of irrigation system
- Sugarbeets treated with Omni Brand Glufosinate 280SL cannot be cut for hay or grazed
- Rotation crop plantback in sugarbeet field treated with Omni Brand Glufosinate 280SL is 120 days after last application for all crops except wheat, barley, buckwheat, millet, oats, rye, sorghum and triticale (70-day plantback restriction) or corn, cotton, soybeans, canola and sugar beets LibertyLink crops (0 day plantback restriction)

WEED LIST B
For Sugar Beets

The weed table indicates rates of product to be used for control of weeds based on weed height. If weed population consists of mixed species, apply rate indicated that will be efficacious for all species.

Grass Weeds

Weed Species	Maximum Weed Height*		Use Notes
	15 fl. oz. A (0.9 pt./A) (0.27 lb ai/A)	20 fl. oz. A (1.25 pt./A) (0.37 lb ai/A)	
Barley, volunteer	1-2 leaf (2”)	3 leaf (3”)	Multiple applications may be required
Barnyard grass	1-3 leaf (2”)	4-5 leaf (3”)	Maximum of 1 tiller
Corn, volunteer	1-2 leaf (3”)	3-4 leaf (6”)	--
Crabgrass, large	1-3 leaf (2”)	4-5 leaf (3”)	Maximum of 1 tiller
Crabgrass, smooth	1-3 leaf (2”)	4-5 leaf (3”)	Maximum of 1 tiller
Crabgrass, wooly	1-5 leaf (4”)	(8”)	- -
Foxtail, giant	1-4 leaf (3”)	5-6 leaf (4”)	Maximum of 2 tillers
Foxtail, green	1-4 leaf (3”)	5-6 leaf (4”)	Maximum of 2 tillers
Foxtail, yellow	1-3 leaf (1”)	4 leaf (2”)	Apply prior to tillering
Millet, volunteer proso	1-3 leaf (2”)	4-5 leaf (3”)	Max of 1 tiller
Millet, wild proso	1-3 leaf (2”)	4-5 leaf (3”)	Max of 1 tiller
Oat, wild	1-2 leaf (2”)	3 leaf (3”)	Max of 1 tiller
Panicum, fall	1-3 leaf (2”)	4-5 leaf (3”)	Max of 1 tiller
Panicum, Texas	1-3 leaf (2”)	4-5 leaf (3”)	Max of 1 tiller
Sandbur, field	--	1-4 leaf (2”)	Apply prior to tillering
Wheat, volunteer	1-2 leaf (2”)	3 leaf (3”)	Maximum of 1 tiller

*Up to 30 fl. oz./A (0.55 lb ai/A) can be applied if weeds are taller than indicated in table.
Tank mix with herbicides containing clethodim, quizalofop, rimsulfuron or sethoxydim to enhance control of heavy populations or taller growth stages of volunteer barely, yellow foxtail, wild oats or volunteer wheat

Perennial Weeds

Weed Species	Maximum Weed Height*		Use Notes
	15 fl. oz. A (0.9 pt./A) (0.27 lb ai/A)	20 fl. oz. A (1.25 pt./A) (0.37 lb ai/A)	
Quackgrass	--	1-3 leaf (3”)	Multiple applications required
Sowthistle, perennial	--	1-4 leaf (3”)	Multiple apps reqd
Thistle, Canada	--	1-4 leaf (3”)	Multiple apps reqd

*Up to 30 fl. oz./A (0.55 lb ai/A) can be applied if weeds are taller than indicated in table.

Broadleaf Weeds

Weed Species	Maximum Weed Diameter*	
	15 fl. oz. A (0.9 pt./A) (0.27 lb ai/A)	20 fl. oz. A (1.25 pt./A) (0.37 lb ai/A)
Buckwheat, wild	1-4 leaf (2”)	5-6 leaf (3”)
Buffalobur	1-4 leaf (2”)	5-6 leaf (3”)
Carpetweed	--	1-4 leaf (2”)
Chickweed, common	1-4 leaf (2”)	5-6 leaf (3”)
Cocklebur, common	1-6 leaf (3”)	7-8 leaf (5”)
Kochia	(1”)	(2”)
Ladysthumb	1-2 leaf (1”)	3-4 leaf (3”)
Lambsquarter, common	1-2 leaf (1”)	4-5 leaf (3”)
Mallow, venice	1-4 leaf (2”)	5-6 leaf (3”)
Marshelder	1-2 leaf (1”)	3-4 leaf (2”)
Mustard, wild	1-4 leaf (2”)	5-6 leaf (3”)
Nightshade, eastern black	1-4 leaf (2”)	5-6 leaf (3”)
Pigweed, prostrate	(1”)	(3”)
Pigweed, redroot	1-2 leaf (1”)	3-4 leaf (3”)
Pigweed, spiny	1-2 leaf (1”)	3-4 leaf (3”)
Purslane, common	(1”)	(2”)
Ragweed, common	1-6 leaf (3”)	7-8 leaf (5”)
Ragweed, giant	1-4 leaf (2”)	5-6 leaf (3”)
Shepherds purse	1-4 leaf (2”)	5-6 leaf (3”)
Smartweed, Pennsylvania	1-2 leaf (1”)	3-4 leaf (3”)
Sowthistle, annual	1-4 leaf (2”)	5-6 leaf (3”)
Sunflower, common	1-6 leaf (3”)	7-8 leaf (5”)
Thistle, Russian	(1”)	(2”)
Velvetleaf	1-2 leaf (1”)	3-4 leaf (3”)

*Up to 30 fl. oz./A (0.55 lb ai/A) can be applied if weeds are taller than indicated in table.

FALLOW FIELDS USE DIRECTIONS

Omni Brand Glufosinate 280SL can be applied to fallow fields to control or suppress weeds, as a substitute for tillage in fallow fields. See Weed List C for a list of target weed species.

USE RATE AND TIMING

Consult Weed List C for appropriate application rate based on weed type and size.
Use 22 or 29 fl. oz./A (0.4 lb – 0.53 lb ai/A) on fallow fields for control of target weed species.
Mix Omni Brand Glufosinate 280SL with ammonium sulfate for application to fallow fields.

Restrictions:

- Per year, do not apply more than 29 fl. oz./A (0.53 lb ai/A) of Omni Brand Glufosinate 280SL to fallow fields.
- Do not apply more than 29 fl. oz./A (0.29 lb ai/A) in a single application.
- Do not apply more than 1 application per year.

IMPORTANT

Tank Mixes: To support product performance, Omni Brand Glufosinate 280SL can be mixed with other herbicides registered for use in fallow fields. 2,4-D, atrazine or glyphosate can be used as tank mix partners. 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 mix. When using Omni Brand Glufosinate 280SL in a tank mix, additional surfactant is not required.

WEED LIST C

For Canola; Cotton; Sweet, Field and Popcorn; Soybeans; Fallow Fields

The weed table indicates rates of product to be used for control of weeds based on weed height.

Broadleaf Weeds					
	Maximum Weed Height or Diameter (Inches)			Maximum Weed Height or Diameter (Inches)	
Weed Species	20-22 fl. oz./A (0.37-0.4 lb ai/A)	29 fl. oz./A[1,4] (0.53 lb ai/A)	Weed Species	20-22 fl. oz./A (0.37-0.4 lb ai/A)	29 fl. oz./A[1, 4] (0.53 lb ai/A)
Amaranth, Palmer	3	4	Morningglory, sharppod	2	4
Anoda, spurred	3	5	Morningglory, smallflower	4	6
Beggarweed, Florida	4	5	Morningglory, tall	6	8
Black medic	5	7	Mustard, wild	4	6
Blueweed, Texas	5	7	Nightshade, black	4	6
Buckwheat, wild	6	7	Nightshade, eastern black	6	8
Buffalobur	6	7	Nightshade, hairy	6	8
Burcucumber	6	10	Pennycress (stinkweed)	4	6

Broadleaf Weeds					
	Maximum Weed Height or Diameter (Inches)			Maximum Weed Height or Diameter (Inches)	
Weed Species	20-22 fl. oz./A (0.37-0.4 lb ai/A)	29 fl. oz./A[1,4] (0.53 lb ai/A)	Weed Species	20-22 fl. oz./A (0.37-0.4 lb ai/A)	29 fl. oz./A[1, 4] (0.53 lb ai/A)
Catchweed bedstraw (cleavers)	2	4	Pigweed, redroot	3	4
Carpetweed	4	6	Pigweed, prostrate	3	4
Chickweed, common	6	8	Pigweed, spiny	3	4
Cocklebur, common	6	14	Pigweed, smooth	3	4
Copperleaf, hophornbeam	4	6	Pigweed, tumble	3	4
Cotton, volunteer[2]	6	8	Puncturevine	4	6
Croton, tropic	3	5	Purslane, common	2	4
Croton, woolly	2	4	Pusley, Florida	*	3
Eclipta	4	6	Ragweed, common	6	10
Devil's claw	2	4	Ragweed, giant	6	12
Fleabane, annual	6	8	Senna coffee	4	6
Galinsoga, hairy	6	8	Sesbania, hemp	6	8
Galinsoga, small flower	6	7	Shepherd's Purse	6	8
Groundcherry, cutleaf	4	5	Sicklepod (java bean)	4	6
Geranium, cutleaf	4	6	Sida, prickly	4	5
Hempnettle	4	6	Smartweed, Pennsylvania	6	14
Horsenettle, Carolina[3]	2	4	Smellmelon	4	6
Jimsonweed	6	10	Sowthistle, annual	6	8
Knotweed	3	5	Soybeans, volunteer[2]	6	8
Kochia	4	6	Spurge, prostrate	2	4
Ladysthumb	6	14	Spurge, spotted	2	4
Lambsquarters, common	4	6	Starbur, bristly	4	6
Mallow, common	4	6	Sunflower, common	6	14
Mallow, Venice	6	8	Sunflower, prairie	3	5
Marestail[3]	*	6-12	Sunflower, volunteer	6	10
Marshelder, annual	4	6	Thistle, Russian[3]	S	6-12
Morningglory, entireleaf	6	8	Velvetleaf	3	4
Morningglory, ivyleaf	6	8	Waterhemp, common	4	5
Morningglory, pitted	6	8	Waterhemp, tall	4	5

*Suppression only.

[1]In cotton, Omni Brand Glufosinate 280SL can be applied 3 times per year at a rate of 29 fl oz/A (0.53 lb ai/A).

[2]If volunteer crops are LibertyLink from the previous season, Omni Brand Glufosinate 280SL will not control them.

[3]For control, a sequential application may be needed.

[4] A use rate of 30 – 43 fl. oz./A (0.55 – 0.79 lb ai/A) can be used if weeds are particularly large, or if weed pressure is high due to environmental conditions preventing timely use of Omni Brand Glufosinate 280SL. If applying a maximum application rate greater than 29 fl. oz./A (0.53 lb ai/A), the maximum yearly application rate is not to exceed 72 fl. oz./A (1.32 lbs ai/A).

Biennial and Perennial Weeds			
For control of the biennial and perennial weeds listed below, apply tank mix partners or sequential applications of Omni Brand Glufosinate 280SL (22 fl. oz./A followed by 22 fl. oz./A).** 22 fl. oz./A = 0.4 lb ai/A			
Alfalfa	Burdock	Goldenrod, gray*	Orchardgrass
Artichoke, Jerusalem	Bursage, woolyleaf	Johnsongrass, rhizome	Poinsettia, wild
Bermudagrass	Chickweed, mouse-ear	Milkweed, common*	Pokeweed
Bindweed, field	Clover, Alsike	Milkweed, honeyvine*	Quackgrass*
Bindweed, hedge	Clover, red	Muhly, wirestem*	Sowthistle, perennial
Bluegrass, Kentucky	Dandelion	Nightshade, silverleaf	Thistle, bull
Blueweed, Texas	Dock, smooth	Nutsedge, purple*	Thistle, Canada
Bromegrass, smooth	Dogbane, hemp*	Nutsedge, yellow*	Timothy*
			Wormwood, biennial

*Suppression Only

** A use rate of 30 – 43 fl. oz./A (0.55 – 0.79 lb ai/A) can be used if weeds are particularly large, or if weed pressure is high due to environmental conditions preventing timely use of Omni Brand Glufosinate 280SL. If applying a maximum application rate greater than 29 fl. oz./A (0.53 lb ai/A), the maximum yearly application rate is not to exceed 72 fl. oz./A (1.32 lbs ai/A).

Grass Weeds					
	Maximum Weed Height or Diameter (Inches)			**Maximum Weed Height or Diameter (Inches)**	
Weed Species	**20-22 fl. oz./A (0.37-0.4 lb ai/A)**	**29 fl. oz./A[1,5] (0.53 lb ai/A)**	**Weed Species**	**20-22 fl. oz./A (0.37-0.4 lb ai/A)**	**29 fl. oz./A[1,5] (0.53 lb ai/A)**
Barley, volunteer[4]	3	4	Millet, wild-proso	6	7
Barnyardgrass	3	5	Millet, proso volunteer	6	7
Bluegrass, annual	3	5	Oat, wild[3]	3	4
Corn, volunteer[2]	10	12	Panicum, fall	3	5
Crabgrass, large[3]	3	5	Panicum, Texas	4	6
Crabgrass, smooth[3]	3	5	Rice, red	4	6
Cupgrass, woolly	6	12	Rice, volunteer[2]	4	6
Foxtail, bristly	6	8	Sandbur, field[3]	*	2
Foxtail, giant	6	12	Shattercane	6	8
Foxtail, green	6	12	Signalgrass, broadleaf	3	5
Foxtail, robust purple	6	8	Sprangletop	4	6

Foxtail, yellow[3]	3	4	Sorghum, volunteer	6	8
Goosegrass[4]	2	3	Stinkgrass	4	6
Johnsongrass, seedling	3	5	Wheat, volunteer[3]	4	5
Junglerice	3	5	Witchgrass	4	6

*****Suppression only.

[1]In cotton, Omni Brand Glufosinate 280SL can be applied 3 times per year at a rate of 29 fl. oz./A (0.53 lb ai/A).

[2]Volunteer corn or rice will be best controlled with a timeline cultivation 7-10 days following application, and/or an additional treatment 10 – 21 days after initial application. If volunteer crops are LibertyLink from the previous season, Omni Brand Glufosinate 280SL will not control them.

[3]Treat before tiller initiation for optimum control of crabgrass, field sandbur, wild oats or yellow foxtail.

[4]For control, a sequential application may be needed.

[5]A use rate of 30 – 43 fl. oz./A (0.55 – 0.79 lb ai/A) can be used if weeds are particularly large, or if weed pressure is high due to environmental conditions preventing timely use of Omni Brand Glufosinate 280SL. If applying a maximum application rate greater than 29 fl. oz./A (0.53 lb ai/A), the maximum yearly application rate is not to exceed 72 fl. oz./A (1.32 lbs ai/A).

BURNDOWN USE DIRECTIONS

Omni Brand Glufosinate 280SL can be applied prior to planting or emergence of conventional or transgenic canola, corn, cotton, soybean or sugarbeet, to act as a burndown agent for existing weed species.

Omni Brand Glufosinate 280SL can be applied via two different use patterns. TIMING 1 use pattern is used for low to medium weed pressure, and when weeds are small and actively growing. TIMING 2 use pattern is used if weed pressure is high and weeds are larger and actively growing.

Burndown in Canola, Corn, Sugarbeets

Use Pattern	Use Rate: Burndown	Use Rate: In Season	Cumulative Maximum use rate per year
TIMING 1	29 fl. oz./A (0.53 lb ai/A)	None	36 fl. oz./A (0.66 lb ai/A)
TIMING 2	Up to 36 fl. oz./A (0.66 lb ai/A)	None	36 fl. oz./A (0.66 lb ai/A)

Apply at least 29 fl. oz./A of Omni Brand Glufosinate 280SL (0.53 lb ai/A) just before planting or emergence. If weeds are large or weed pressure is high, due to environmental conditions preventing timely use of Omni Brand Glufosinate 280SL, a single application of up to 36 fl. oz./A (0.66 lb ai/A) can be made.

Restrictions:

- Do not apply more than 36 fl. oz./A (0.66 lb ai/A) per burnout application.
- Do not apply more than 36 fl. oz./A (0.66 lb ai/A) per year for burnout.
- Do not make more than 1 burnout application per year.

Burndown in Soybeans

Use Pattern	Use Rate: Burndown	Use Rate: In Season	Cumulative Maximum use rate per year
TIMING 1	29 fl. oz./A (0.53 lb ai/A)	22 – 29 fl. oz./A (0.4 – 0.53 lb ai/A)	65 fl. oz./A (1.2 lbs ai/A)
TIMING 2	Up to 36 fl. oz./A (0.66 lb ai/A)	22 – 29 fl. oz./A (0.4 – 0.53 lb ai/A)	65 fl. oz./A (1.2 lbs ai/A)

Apply at least 29 fl. oz./A of Omni Brand Glufosinate 280SL (0.53 lb ai/A) just before planting or emergence. If weeds are large or weed pressure is high, due to environmental conditions preventing timely use of Omni Brand Glufosinate 280SL, a single application of up to 36 fl. oz./A (0.66 lb ai/A) can be made. For soybeans, an additional in-season application up to 29 fl. oz./A (0.53 lb ai/A) can be made.

Restrictions

- Do not apply more than 36 fl. oz./A (0.66 lb ai/A) per burnout application.
- Do not apply more than 36 fl. oz./A (0.66 lb ai/A) per year for burndown.
- Do not make more than 1 burndown application per year.

Burndown in Cotton

Use Pattern	Use Rate: Burndown	Use Rate: In Season	Cumulative Maximum Use Rate per Year
TIMING 1	29 fl. oz./A (0.53 lb ai/A)	22 – 29 fl. oz./A (2 applications)* (0.4 – 0.53 lb ai/A)	87 fl. oz./A (1.59 lbs ai/A)
TIMING 2	30 – 43 fl. oz./A (0.55 – 0.79 lb ai/A)	22-29 fl. oz./A (1 application)* (0.4 – 0.53 lb ai/A)	72 fl. oz./A (1.32 lbs ai/A)

* In season application is made via hooded sprayer in non-LibertyLink cotton. Apply at least 29 fl. oz./ of Omni Brand Glufosinate 280SL (0.53 lb ai/A) just before planting or emergence. If weeds are large or weed pressure is high, due to environmental conditions preventing timely use of Omni Brand Glufosinate 280SL, a single application of up to 43 fl. oz./A (0.79 lb ai/A) can be made. Yearly maximum use rate is 72 fl. oz./A (1.32 lbs ai/A) (including all application timings) when a single application higher than 29 fl. oz./A (0.53 lb ai/A) is made.

Restrictions:

- Do not apply more than 43 fl. oz./A (0.79 lb ai/A) per burndown application.
- Do not apply more than 43 fl. oz./A (0.79 lb ai/A) per year for burndown.
- Do not make more than 1 burndown application per year.

IMPORTANT

- For best results, make sure spray consistently and fully covers weeds, and apply to emerged weeds that are young and actively growing

For enhanced performance of Omni Brand Glufosinate 280SL, apply during warm and sunny weather, and high humidity

POTATO VINE DESICCATION USE DIRECTIONS

Omni Brand Glufosinate 280SL can be used to desiccate potato vines once the vines reach senescence.

USE RATE AND TIMING
Apply Omni Brand Glufosinate 280SL at the rate of 21 fl. oz./A (0.38 lb ai/A). Make only one application once the potato vine enters its natural senescence period. **DO NOT** split the application. If a particular potato variety has a heavy or dense vine, an application of another desiccation product may be necessary for total desiccation of the potato vine.

Apply the indicated amount of Omni Brand Glufosinate 280SL in enough water (20 to 100 gallons per acre) to thoroughly cover the potato vines. Take into account the density of the potato vine and increase or decrease spray volume as necessary to achieve complete coverage.

IMPORTANT:

- It is essential to obtain thorough coverage of the potato vine for adequate desiccation. Make sure the spray boom is operated as low as possible to achieve thorough coverage (this also minimizes any potential for drift)
- If climate conditions are cool and dry, or if potato vine canopy is heavy, make sure to use a spray volume of at least 30 gallons of water per acre

Restrictions:

- Per year, do not apply more than 21 fl. oz./A (0.38 lb ai/A) of Omni Brand Glufosinate 280SL to potato vines.
- Do not apply more than 21 fl. oz./A (0.38 lb ai/A) in a single application.Make only one application once the potato vine enters its natural senescence period.
- Pre-harvest interval is 9 days.
- The product can be applied to potatoes grown for seed.

Crop rotation and plantback intervals after application of Omni Brand Glufosinate 280SL for potato vine desiccation are as follows:

Crop	Minimum Rotation Interval
All crops other than those listed in this table	120 Days
Barley, Buckwheat, Millet, Oats, Rye, Sorghum, Triticale, Wheat	30 Days
Canola, Corn, Cotton, Potato, Soybean, Sugar Beets	May be planted at any time

CANOLA SEED PROPAGATION USE DIRECTIONS

During canola seed propagation, to eliminate vulnerable canola segregates that are not resistant to Glufosinate-ammonium, apply Omni Brand Glufosinate 280SL as a foliar spray, as indicated in the chart below. Up to three applications can be made. If canola is injured or adversely affected by environmental stress (for example: excessive rainfall, drought, pest pressure, etc.) or prior herbicide application, do not apply Omni Brand Glufosinate 280SL. If canola is injured or adversely affected by environmental stress (for example: excessive rainfall, drought, pest pressure, etc.) or prior herbicide application, do not apply Omni Brand Glufosinate 280SL.

	Omni Brand Glufosinate 280SL Use Rate	Canola Growth Stage
APPLICATION 1	22 fl. oz./A (0.4 lb ai/A)	Cotyledon stage up to early bolt stage (BBCH 18-30; just prior to stem elongation / bolting (8 or more leaves) through beginning of stem elongation (no internode))
APPLICATION 2	22 fl. oz./A (0.4 lb ai/A)	
APPLICATION 3	22 fl. oz./A (0.4 lb ai/A)	

CANOLA SEED PROPAGATION USE RESTRICTIONS

- Do not make more than 3 applications of Omni Brand Glufonsiate 280SL to canola per year.
- Do not apply more than 22 fl. oz./A (0.4 lb ai/A) per application.
- Do not apply more than 66 fl. oz./A (1.2 lbs ai/A) per year.
- Pre-harvest interval is 65 days.
- Omni Brand Glufosinate 280SL is not to be applied through any type if irrigation system.
- Treated canola seed cannot be used for food, feed or oil purposes.

CORN, COTTON, AND SOYBEAN SEED PROPAGATION USE DIRECTIONS

During seed propagation, vulnerable "segregates" (plants not resistant to Glufosinate-ammonium) of corn, cotton and soybean can be selected out by application of Omni Brand Glufosinate 280SL.

CORN

To pick out resistant segregates, apply Omni Brand Glufosinate 280SL as indicated in the chart below. A second application, at least 10 days later, can be used, if needed. Corn plants not resistant to Glufosinate- ammonium will be seriously injured or killed. To protect plants from Omni Brand Glufosinate 280SL, apply herbicide with a hooded sprayer.

	Omni Brand Glufosinate 280SL Use Rate	Additive*	Corn Growth Stage
APPLICATION 1	22 fl. oz./A (0.4 lb ai/A)	AMS – 3 lb./A	V3 – V4 (3 to 4 developed collars)
APPLICATION 2	22 fl. oz./A (0.4 lb ai/A)	AMS – 3 lb. /A	V6 to V7

*AMS – Ammonium Sulfate; Reduce rate of AMS to 1.5 lbs. /A when temperatures exceed 85˚F, to limit possibility of leaf burn

Restrictions:

- Within a 1 year period, up to 2 applications of Omni Brand Glufosinate 280SL may be made at a maximum rate of 22 fl. oz./A (0.4 lb ai/A) per application.
- Do not exceed the max yearly application rate of 44 fl. oz./A (0.8 lb ai/A).
- Wait at least 10 days between applications.

COTTON
During cotton seed propagation, to eliminate vulnerable cotton segregates that are not resistant to Glufosinate-ammonium, apply Omni Brand Glufosinate 280SL as a foliar spray, as indicated in the chart below. Two or three applications can be made, at least 10 days apart. Timing 1 can be used if weeds are particularly large or weed pressure is high due to environmental conditions preventing timely use of Omni Brand Glufosinate 280SL. Use Timing 2 when making a timely application, under normal pest pressure.

TIMING 1

	Omni Brand Glufosinate 280SL Use Rate	**Cotton Growth Stage**
APPLICATION 1	30 - 43 fl. oz. / A (0.55 lb – 0.79 lb ai/A)	Emergence, up to early bloom
APPLICATION 2	22 - 29 fl. oz. / A (0.4 lb - 0.53 lb ai/A)	

Restrictions:
- Within a 1 year period, up to 2 applications of Omni Brand Glufosinate 280SL may be made.
- Do not apply more than 43 fl. oz./A (0.34 lb ai/A) in a single application.
- Do not exceed the max yearly application rate of 72 fl. oz./A (1.26 lbs ai/A) when applied at reduced rates.
- Wait at least 10 days between applications.

TIMING 2

	Omni Brand Glufosinate 280SL Use Rate	**Cotton Growth Stage**
APPLICATION 1	22 - 29 fl. oz. / A (0.4 lb - 0.53 lb ai/A)	Emergence, up to early bloom
APPLICATION 2	22 - 29 fl. oz. / A (0.4 lb - 0.53 lb ai/A)	
APPLICATION 3	22 - 29 fl. oz. / A (0.4 lb - 0.53 lb ai/A)	

Restrictions:
- Within a 1 year period, up to 3 applications of Omni Brand Glufosinate 280SL may be made at a maximum rate of 29 fl. oz/A (0.53 lb ai/A) per application.
- Do not exceed the max yearly application rate of 87 fl. oz./A (1.59 lbs ai/A).
- Wait at least 10 days between applications.

SOYBEANS
To pick out resistant soybean segregates, apply Omni Brand Glufosinate 280SL as indicated in the chart below. A second application, at least 5 days later, may be used, if needed.

	Omni Brand Glufosinate 280SL Use Rate	**Soybean Growth Stage**
APPLICATION 1	22 fl. oz. / A (0.4 lb ai/A)	Third trifoliate stage
APPLICATION 2	22 fl. oz. / A (0.4 lb ai/A)	Up to (but not including) bloom

Restrictions:

- Within a 1 year period, up to 2 applications of Omni Brand Glufosinate 280SL may be made at a maximum rate of 22 fl. oz./A (0.4 lb ai/A) per application.
- Do not exceed the max yearly application rate of 44 fl. oz./A (0.8 lb ai/A).
- Wait at least 10 days between applications.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Do not use or store near heat or open flame. Keep the container tightly closed and dry in a cool, well-ventilated place. Do not exceed storage temperature of 125° F. If storage temperature for bulk Omni Brand Glufosinate 280SL is below 32° F, do not pump material until its temperature exceeds 32° F. Protect against direct sunlight.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on-site or at an approved waste disposal facility.

CONTAINER HANDLING:

[*Nonrefillable plastic containers less than or equal to 5 gallons*]

Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple Rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration; or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

[*Nonrefillable plastic containers greater than 5 gallons*]

Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple Rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Recap 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. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration; or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

[*Refillable containers*]

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 a 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. Return to the point of sale or 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.

CONDITIONS OF SALE – LIMITED WARRANTY AND LIMITATIONS OF LIABILITIES AND REMEDIES

Read the Conditions of Sale – Warranty and Limitations of Liability and Remedies before using this product. If the terms are not acceptable, return the product, unopened, and the full purchase price will be refunded.

The directions on this label are believed to be reliable and must be followed carefully. Insufficient control of pests and/or injury to the crop to which the product is applied may result from the occurrence of extraordinary or unusual weather conditions or the failure to follow the label directions or good application practices, all of which are beyond the control of Helena Agri-Enterprises, LLC d/b/a Helena Chemical Company (the "Company") or seller. In addition, failure to follow label directions may cause injury to crops, animals, man or the environment. The Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purpose referred to in the directions for use subject to the factors noted above which are beyond the control of the Company. To the extent consistent with applicable law, the company makes no other warranties or representations of any kind express or implied, concerning the product, including no implied warranty of merchantability or fitness for any particular purpose, and no such warranty shall be implied by law.

To the extent consistent with applicable law, the exclusive remedy against the Company for any cause of action relating to the handling or use of this product shall be limited to, at Helena Agri-Enterprises, LLC d/b/a Helena Chemical Company's election, one of the following:

1. Refund of the purchase price paid by buyer or user for product bought, or
2. Replacement of the product used

To the extent consistent with applicable law, the Company shall not be liable and any and all claims against the Company are waived for special, indirect, incidental, or consequential damages or expense of any nature, including, but not limited to, loss of profits or income. The Company and the seller offer this product and the buyer and use accept it, subject to the foregoing conditions of sale and limitation of warranty, liability and remedies.

LibertyLink is a registered trademark of Bayer CropScience.

[EPA Approval Date]

{LANGUAGE ON LABEL AFFIXED TO CONTAINER}

GLUFOSINATE-AMMONIUM	GROUP	10	HERBICIDE

Omni Brand Glufosinate 280SL

ACTIVE INGREDIENT:
Glufosinate-ammonium ……..…….....…..... 24.5%**
OTHER INGREDIENTS...…… ……..……..……..… 75.5%
TOTAL………..……..…… 100.0%
** 2.34 pounds of active ingredient per U.S. gallon.

KEEP OUT OF REACH OF CHILDREN
WARNING - AVISO

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.)

FIRST AID	
If in eyes:	• Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If on skin or clothing:	•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.
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.
NOTE TO PHYSICIAN	
If this product is ingested, endotracheal intubation and gastric lavage should be performed as soon as possible, followed by charcoal and sodium sulfate administration.	
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact **Chemtrec** at **1-800-424-9300** for emergency medical treatment information 24 hrs. per day.	

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
WARNING - AVISO

Causes substantial but temporary eye injury. Harmful if absorbed through skin. Harmful if swallowed. Do not get in eyes. Avoid contact with skin or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

SOLD By:
Helena Agri-Enterprises, LLC
d/b/a Helena Chemical Company
225 Schilling Blvd., Suite 300
Collierville, Tennessee 38017

EPA Reg. No. 5905-xx **EPA Est. No.**

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Do not use or store near heat or open flame. Keep the container tightly closed and dry in a cool, well-ventilated place. Do not exceed storage temperature of 125° F. If storage temperature for bulk Omni Brand Glufosinate 280SL is below 32° F, do not pump material until its temperature exceeds 32° F. Protect against direct sunlight.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on-site or at an approved waste disposal facility.

CONTAINER HANDLING:
[*Nonrefillable plastic containers less than or equal to 5 gallons*]
Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple Rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration; or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

[*Nonrefillable plastic containers greater than 5 gallons*]
Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple Rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Recap 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. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration; or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

[*Refillable containers*]
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 a 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. Return to the point of sale or 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.

Net Contents: