

GLUFOSINATE-AMMONIUM

GROUP

10

HERBICIDE

TIGRIS™

GLUFOSINATE 280 SL

ACTIVE INGREDIENT:

Glufosinate-ammonium (CAS No. 77182-82-2)

(% by weight)

24.5%

OTHER INGREDIENTS:

76.5%

TOTAL:

100.0%

Contains 2.34 lbs. of Glufosinate-ammonium per gallon.

KEEP OUT OF REACH OF CHILDREN

CAUTION

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

FIRST AID

IF SWALLOWED:	<ul style="list-style-type: none"> • Call a poison control center or doctor for treatment advice. • Have person sip a glass of water if able to swallow. • DO NOT induce vomiting unless told to by a poison control center or doctor.
IF ON SKIN:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
IF IN EYES:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. • Call a poison control center or doctor for treatment advice.

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 SafetyCall at 1-844-685-9173 for emergency medical treatment information.

For Chemical Emergency
Spill, Leak, Fire, Exposure, or Accident
Call CHEMTREC Day or Night

Within USA and Canada: 1-800-424-9300 or +1 703-527-3887 (collect calls accepted)

See inside label booklet for Precautionary Statements and Directions for Use.

EPA Reg. No.: 92647-13
EPA Est. No.: 89442-NC-001
20201005a

Net Contents: 265 gals.



TIGRIS™



Manufactured For:
Tigris, LLC
P.O. Box 250
10025 Hwy. 264 Alternate
Middlesex, NC 27557

Job 162853

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

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

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- All handlers must wear long-sleeved shirts, long pants, shoes, and socks
- Applicators using groundboom equipment with open cabs to treat cotton must wear long-sleeve shirts, long pants, shoes, and socks plus chemical-resistant gloves
- Mixer/loaders supporting ground boom applications to corn, canola, soybean, cotton, citrus fruit, pome fruit, stone fruit, and olives must wear long-sleeve shirts, long pants, shoes, and socks plus chemical resistant gloves

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.

ENGINEERING CONTROLS STATEMENT

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirement of Worker Protection Standards (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 rinseate.

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

Under some conditions, this product may have a potential to run-off to surface water or adjacent land. Where possible, use methods which reduce soil erosion, including no till, limited till and contour plowing; these methods also reduce pesticide run-off. Use of vegetation filter strips along rivers, creeks, streams, wetlands, etc. or on the downhill side of fields where run-off could occur to minimize water runoff is advised.

PHYSICAL OR CHEMICAL HAZARDS

DO NOT mix or allow contact with oxidizing agents, as a hazardous chemical reaction may occur.

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 for all post-application activities, with the following exceptions: The REI for workers 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, including plants, soil, or water, is: coveralls worn over short-sleeved shirt and short pants; chemical resistant gloves including barrier laminate, butyl rubber ≥14 mils, nitrile rubber ≥14 mils, neoprene rubber ≥14 mils, polyvinyl chloride (PVC) ≥14 mils, or Viton® ≥14 mils; chemical resistant footwear plus socks.

IMPORTANT CROP SAFETY INFORMATION READ BEFORE USING THIS PRODUCT

Burndown Treatments

For row crop applications in canola, corn, cotton, soybean or sugar beets, **Tigris Glufosinate 280 SL** may be applied to any variety as a **burndown treatment prior to planting or prior to crop emergence**.

Post-Emergent Treatments

Post-emergence row crop applications of **Tigris Glufosinate 280 SL** may be made only to crops containing the LibertyLink trait. The basis of selectivity of **Tigris Glufosinate 280 SL** in LibertyLink crops is the presence of a gene not sensitive to glufosinate. **Crops not containing the LibertyLink trait will be sensitive to Tigris Glufosinate 280 SL and severe crop injury and/or death may occur. DO NOT allow spray to contact foliage or green tissue of desirable vegetation other than crops not sensitive to the active ingredient in this product.**

Post-emergent applications of **Tigris Glufosinate 280 SL** may be applied to cotton sensitive to the active ingredient in **Tigris Glufosinate 280 SL** using a hooded sprayer.

Tree, Nut, Vine and Berry Treatments

When applying **Tigris Glufosinate 280 SL** to tree, nut, vine, and berry, avoid contact of solution, spray, drift or mist with green bark, stems or foliage, as injury may occur. Only trunks with calloused, mature brown bark may be sprayed unless protected from spray contact by nonporous wraps, grow tubes or waxed containers. Contact of **Tigris Glufosinate 280 SL** with parts of trees, berries or vines other than mature brown bark can result in serious damage.

MANDATORY SPRAY DRIFT

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 1/2 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 feet above the crop canopy, unless a greater application height is required 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. Examples would include roadside, railroad, utility rights of way, forestry and other industrial vegetation management applications where safety or natural barriers obstruct application.

ADVISORY SPRAY DRIFT

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.

Information on 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 (including 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 10ft. 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 from 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 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.

PRODUCT INFORMATION

Tigris Glufosinate 280 SL is a water-soluble non-selective, broad-spectrum herbicide used for control of annual and perennial grass and broadleaf weeds in a variety of crops. Uses include applications as foliar sprays in trees, vines and berry crops for control of emerged weeds; broadcast burndown applications prior to planting or crop emergence in canola, corn, cotton, soybeans and sugar beets; and as over-the-top applications in canola, corn, cotton, soybeans, and sugar beets designated as LibertyLink®. **Tigris Glufosinate 280 SL** may be used for weed control in cotton when applied with a hooded sprayer in-crop.

Tigris Glufosinate 280 SL may also be applied for potato vine desiccation.

It is important to always follow a responsible integrated weed management program. Contact your local agronomic advisor for more specific information on integrated weed management in your area.

ROTATIONAL CROP RESTRICTIONS*

Rotational crop planting intervals following application of **Tigris Glufosinate 280 SL** are listed below. Failure to comply with these restrictions may result in illegal residues in rotated crops.

Rotational Crop	Plant-back Interval (Minimum Rotational Crop Planting Interval from Last Application)
Canola, Sweet Corn, Corn, Cotton, Rice, Soybeans, Sugar Beets	May be planted at any time
Root and Tuber Vegetables, Leafy Vegetables, Brassica Leafy Vegetables, Small Grains (barley, buckwheat, oats, rye, teosinte, triticale, and wheat).	70 Days
All Other Crops	180 Days

*See **Application Directions for Potato Vine Desiccation** for Rotational Crop Restrictions specifically after **Tigris Glufosinate 280 SL** applications to potatoes. See application directions for sugar beets and rice for Rotational Crop Restrictions specifically for those crops.

RESISTANCE MANAGEMENT

Tigris Glufosinate 280 SL is a Group 10 Herbicide, i.e., a glutamine synthetase inhibitor. Any weed population may contain plants naturally resistant to a glufosinate and other Group 10 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same field. Appropriate resistance management strategies should be followed. Contact your local sales representative, crop advisor, or extension agent to find out if suspected resistant weeds to this MOA have been found in your region. If resistant biotypes of target weeds have been reported, use the application rates of this product specified for your local conditions. Tank mix products so that there are multiple effective mechanisms of actions for each target weed. If levels of control provided by applications of this product is reduced and cannot be accounted for by factors including misapplication, abnormal levels of target species or extremes of weather, it may be the case that target species have developed a strain resistant to applications of **Tigris Glufosinate 280 SL**.

Suspected herbicide-resistant weeds may be identified by these indicators:

- Failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds;
- A spreading patch of non-controlled plants of a particular weed species; and
- Surviving plants mixed with controlled individuals of the same species.

To minimize the occurrence of resistant biotypes, observe the following general weed management practices:

- Scout application site before and after herbicide applications.
- Start with a clean application site, using either a burndown herbicide application or tillage.
- Control weeds early when they are relatively small.
- Add other herbicides (e.g., a selective and/or a residual herbicide) and cultural practices (e.g., tillage or crop rotation) where appropriate.
- Utilize the specified label rate for the most difficult to control weed in your field. Avoid tank mixtures with other herbicides that reduce this product's efficacy (through antagonism), or tank mixture directions that encourage application rates of this product below the label directions.
- Control weed escapes and prevent weeds from setting seeds.
- Clean equipment before moving from field to field to minimize the spread of weed seed or plant parts.
- Report any incidence of repeated non-performance of this product on a particular weed to local extension specialists, certified crop advisors, or your Tigris, LLC representative.
- Contact your local sales representative, crop advisor, or extension agent to find out if suspected resistant weeds to this MOA have been found in your region. If resistant biotypes of target weeds have been reported, use the application rates of this product specified for your local conditions. Tank mix products so that there are multiple effective mechanisms of actions for each target weed.

WEEDS CONTROLLED

The following weeds controlled charts are outlined by crop or crop group.

Volunteer LibertyLink crop plants (corn, cotton, soybeans, sugar beets, canola) from the previous season will not be controlled by applications of **Tigris Glufosinate 280 SL**.

WEEDS CONTROLLED TABLE - ROW CROPS (canola, corn (field, silage, sweet), cotton, soybean)

Rates in fluid ounces of formulated product per acre for the control of weeds at selected heights. In weed populations with mixed species, apply at a rate needed for the species that requires the highest rate. See **Application Instructions and Crop Use Directions** for specific use directions.

Broadleaf Weed Control					
Weed Species	Maximum Weed Height or Diameter (inches)		Weed Species	Maximum Weed Height or Diameter (inches)	
	22 fl. oz./A (0.40 lb. ai/A)	29 fl. oz./A (0.53 lb. ai/A)		22 fl. oz./A (0.40 lb. ai/A)	29 fl. oz./A (0.53 lb. ai/A)
Amaranth, Palmer ¹	Not Advised	4"	Morningglory, sharp ²	2"	4"
Anoda, spurred	3"	5"	Morningglory, smallflower ²	4"	6"
Beggarweed, Florida	4"	5"	Morningglory, tall ²	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"
Catchweed bedstraw (cleavers)	2"	4"	Pigweed, redroot ³	3"	4"
Carpetweed	4"	6"	Pigweed, prostrate ²	3"	4"
Chickweed, common	6"	8"	Pigweed, spiny ²	3"	4"
Cocklebur, common	6"	14"	Pigweed, smooth ²	3"	4"
Copperleaf, hophornbeam	4"	6"	Pigweed, tumble ²	3"	4"
Cotton, volunteer ¹	6"	8"	Puncturevine	4"	6"
Croton, tropic	3"	5"	Purslane, common	2"	4"
Croton, woolly	2"	4"	Pusley, Florida	Suppression	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"

(continued)

¹Suppression

¹Volunteer LibertyLink crops from the previous season will not be controlled.

²For applications to corn, tank mixing with atrazine may enhance weed control of this species.

³May require sequential applications for control.

⁴For optimal control, make applications between dawn and 2 hours before sunset.

WEEDS CONTROLLED TABLE - ROW CROPS (canola, corn (field, silage, sweet), cotton, soybean) (continued)

Broadleaf Weed Control (continued)					
Weed Species	Maximum Weed Height or Diameter (inches)		Weed Species	Maximum Weed Height or Diameter (inches)	
	22 fl. oz./A (0.40 lb. ai/A)	29 fl. oz./A (0.53 lb. ai/A)		22 fl. oz./A (0.40 lb. ai/A)	29 fl. oz./A (0.53 lb. ai/A)
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 ¹	6"	8"
Kochia ²	4"	6"	Spurge, prostrate	2"	4"
Ladythumb	6"	14"	Spurge, spotted	2"	4"
Lambsquarters, common ^{3,4}	4"	6"	Starbur, bristly	4"	6"
Mallow, common	4"	6"	Sunflower, common	6"	14"
Mallow, Venice	6"	8"	Sunflower, prairie	3"	5"
Marestail	Suppression	6"-12"	Sunflower, volunteer	6"	10"
Marshelder, annual	4"	6"	Thistle, Russian ³	Suppression	6"-12"
Morningglory, entireleaf ²	6"	8"	Velvetleaf ⁴	3"	4"
Morningglory, ivyleaf ²	6"	8"	Waterhemp, common ²	Not Advised	5"
Morningglory, pitted ²	6"	8"	Waterhemp, tall ²	Not Advised	5"

¹Suppression

²Volunteer LibertyLink crops from the previous season will not be controlled.

³For applications to corn, tank mixing with atrazine may enhance weed control of this species.

⁴May require sequential applications for control.

⁵For optimal control, make applications between dawn and 2 hours before sunset.

Grass Weed Control					
Weed Species	Maximum Weed Height or Diameter (inches)		Weed Species	Maximum Weed Height or Diameter (inches)	
	22 fl. oz./A (0.40 lb. ai/A)	29 fl. oz./A (0.53 lb. ai/A)		22 fl. oz./A (0.40 lb. ai/A)	29 fl. oz./A (0.53 lb. ai/A)
Barley, volunteer ³	3"	4"	Millet, proso volunteer	6"	7"
Barnyardgrass	3"	5"	Oat, wild ²	3"	4"
Bluegrass, annual	3"	5"	Panicum, fall	3"	5"
Corn, volunteer ¹	10"	12"	Panicum, Texas	4"	6"
Crabgrass, large ²	3"	5"	Rice, red	4"	6"
Crabgrass, smooth ²	3"	5"	Rice, volunteer ¹	4"	6"
Cupgrass, woolly	6"	12"	Sandbur, field ²	Suppression	2"
Foxtail, bristly	6"	8"	Shattercone	6"	8"
Foxtail, giant	6"	12"	Signalgrass, broadleaf	3"	5"
Foxtail, green	6"	12"	Sprangletop	4"	6"
Foxtail, robust purple	6"	8"	Sorghum, volunteer	6"	8"
Foxtail, yellow ²	3"	4"	Stinkgrass	4"	6"
Goosegrass ³	2"	3"	Wheat, volunteer ²	4"	5"
Johnsongrass, seedling	3"	5"	Witchgrass	4"	6"
Junglerice	3"	5"			

¹Volunteer LibertyLink crops from the previous season will not be controlled. A timely cultivation 7 to 10 days after an application and/or retreatment 10-21 days after the first application will aid in controlling dense clumps of volunteer corn.

²For best control of yellow foxtail, field sandbur, crabgrass, and wild oats, treat prior to tiller initiation.

³A sequential application may be necessary for control.

Biennial and Perennial Weed Control**

For control of the biennial and perennial weeds listed below, tank mix partners or sequential applications of **Tigris Glufosinate 280 SL** will provide the best results (22 fl. oz./A [0.40 lb. ai]/A followed by 22 fl. oz./A [0.40 lb. ai]/A). Please refer to **Application Instruction and Crop Use Directions** for maximum use rates per year.

Alfalfa	Clover, Alsike	Nutsedge, purple ¹
Artichoke, Jerusalem	Clover, red	Nutsedge, yellow ²
Bermudagrass	Dandelion	Orchardgrass
Bindweed, field	Dock, smooth	Poinsettia, wild
Bindweed, hedge	Dogbane, hemp ²	Pokeweed
Bluegrass, Kentucky	Milkweed, common ²	Quackgrass ²
Blueweed, Texas	Johnsongrass, rhizome	Sowthistle, perennial
Bromegrass, smooth	Goldenrod, gray ²	Thistle, bull
Burdock	Milkweed, honeyvine ²	Thistle, Canada
Bursage, woollyleaf	Muhly, wirestem ²	Timothy ²
Chickweed, Mouse-ear	Nightshade, silverleaf	Wormwood, biennial

¹Suppression

** See the application Directions for Use on Cotton section of this label for additional use rates.

WEEDS CONTROLLED TABLE – SUGAR BEETS

The rate of **Tigris Glufosinate 280 SL** in fluid ounces of formulated product per acre to be used for the control of weeds at selected heights is shown in the following tables. In weed populations with mixed species, apply the highest rate needed for all species present.

Weed Species	Grass Weed Control		Comments on Weed Growth Stage/ Application Timing/ Number of Applications
	Growth Stage of Weed ¹ / (Maximum Weed Height in Inches)		
	15 fl. oz./A (0.27 lb. ai/A)	20 fl. oz./A (0.37 lb. ai/A)	
Barley, volunteer	1-2 leaf / (2 inch)	3 leaf / (3 inch)	Multiple applications may be required.
Barnyardgrass	1-3 leaf / (2 inch)	4-5 leaf / (3 inch)	Maximum of 1 tiller.
Corn, volunteer	1-2 leaf / (3 inch)	3-4 leaf / (6 inch)	
Crabgrass, large	1-3 leaf / (2 inch)	4-5 leaf / (3 inch)	Maximum of 1 tiller.
Crabgrass, smooth	1-3 leaf / (2 inch)	4-5 leaf / (3 inch)	Maximum of 1 tiller.
Cupgrass, woolly	1-5 leaf / (4 inch)	-- / (8 inch)	
Foxtail, giant	1-4 leaf / (3 inch)	5-6 leaf / (4 inch)	Maximum of 2 tillers.
Foxtail, green	1-4 leaf / (3 inch)	5-6 leaf / (4 inch)	Maximum of 2 tillers.
Foxtail, yellow	1-3 leaf / (1 inch)	4 leaf / (2 inch)	Apply prior to tillering.
Millet, volunteer proso	1-3 leaf / (2 inch)	4-5 leaf / (3 inch)	Maximum of 1 tiller.
Millet, wild proso	1-3 leaf / (2 inch)	4-5 leaf / (3 inch)	Maximum of 1 tiller.
Oat, wild	1-2 leaf / (2 inch)	3 leaf / (3 inch)	Maximum of 1 tiller.
Panicum, fall	1-3 leaf / (2 inch)	4-5 leaf / (3 inch)	
Panicum, Texas	1-3 leaf / (2 inch)	4-5 leaf / (3 inch)	Maximum of 1 tiller.
Sandbur, field	-- / (-)	1-4 leaf / (2 inch)	Apply prior to tillering.
Wheat, volunteer	1-2 leaf / (2 inch)	3 leaf / (3 inch)	Maximum of 1 tiller.

¹Apply up to 30 fl. oz./A (1.88 pts./A) (0.55 lb. ai/A) if weeds exceed the growth stage shown in the table. **DO NOT** apply more than 36.0 fl. oz./A (0.66 lb. ai/A) as a burndown treatment.

For improved control of heavy populations or larger than specified volunteer wheat, volunteer barley, yellow foxtail, and wild oats, **Tigris Glufosinate 280 SL** can be tank mixed with quizalofop-p-ethyl, sethoxydim, or clethodim.

Perennial Weed Control			
Weed Species	Growth Stage of Weed* (Maximum Weed Height in Inches)		Comments on Number of Applications
	15 fl. oz./A (0.27 lb. ai/A)	20 fl. oz./A (0.37 lb. ai/A)	
Quackgrass	--	1-3 leaf / (3 inches)	Multiple applications required.
Sowthistle, perennial	--	1-4 leaf / (3 inches)	Multiple applications required.
Thistle, Canada	--	1-4 leaf / (6 inches)	Multiple applications required.

*Apply up to 30 fl. oz./A (1.88 pts./A) (0.55 lb. ai/A) if weeds exceed the growth stage shown in the table. **DO NOT** apply more than 36.0 fl. oz./A (0.66 lb. ai/A) as a burndown treatment.

Broadleaf Weed Control			
Weed Species	Growth Stage of Weed* (Maximum Weed Diameter)		
	15 fl. oz./A (0.27 lb. ai/A)	20 fl. oz./A (0.37 lb. ai/A)	20 fl. oz./A (0.37 lb. ai/A)
Buckwheat, wild	1-4 leaf / (2 inches)		5-6 leaf / (3 inches)
Buffalobur	1-4 leaf (2 inches)		5-6 leaf / (3 inches)
Carpetweed	--		1-4 leaf / (2 inches)
Chickweed, common	1-4 leaf / (2 inches)		5-6 leaf / (3 inches)
Cocklebur, common	1-6 leaf / (3 inches)		7-8 leaf / (5 inches)
Kochia	-- / (1 inch)		-- / (2 inches)
Lodysthumb	1-2 leaf / (1 inch)		3-4 leaf / (3 inches)
Lambsquarter, common	1-2 leaf / (1 inch)		4-5 leaf / (3 inches)
Mallow, Venice	1-4 leaf / (2 inch)		5-6 leaf / (3 inches)
Marshelder	1-2 leaf / (1 inch)		3-4 leaf / (2 inches)
Mustard, wild	1-4 leaf / (2 inches)		5-6 leaf / (3 inches)
Nightshade, eastern black	1-4 leaf / (2 inches)		5-6 leaf / (3 inches)
Pigweed, prostrate	-- / (1 inch)		-- / (3 inches)
Pigweed, redroot	1-2 leaf / (1 inch)		3-4 leaf / (3 inches)
Pigweed, smooth	1-2 leaf / (1 inch)		3-4 leaf / (3 inches)
Pigweed, spiny	1-2 leaf / (1 inch)		3-4 leaf / (3 inches)
Purslane, common	-- / (1 inch)		-- / (2 inches)
Ragweed, common	1-6 leaf / (3 inches)		7-8 leaf / (5 inches)
Ragweed, giant	1-4 leaf / (2 inches)		5-6 leaf / (3 inches)
Shepherdspurse	1-4 leaf / (2 inches)		5-6 leaf / (3 inches)
Smartweed, Pennsylvania	1-2 leaf / (1 inch)		3-4 leaf / (3 inches)
Sowthistle, annual	1-4 leaf / (2 inches)		5-6 leaf / (3 inches)
Sunflower, common	1-6 leaf / (3 inches)		7-8 leaf / (5 inches)
Thistle, Russian	-- / (1 inch)		-- / (2 inches)
Velvetleaf	1-2 leaf / (1 inch)		3-4 leaf / (3 inches)

*Apply up to 30 fl. oz./A (1.88 pts./A) (0.55 lb. ai/A) if weeds exceed the growth stage shown in the table. **DO NOT** apply more than 36.0 fl. oz./A (0.66 lb. ai/A) as a burndown treatment.

WEEDS CONTROLLED TABLE – TREE FRUIT, TREE NUT, VINES, BERRIES, AND OLIVES

Rates in fluid ounces of formulated product per acre for the control of weeds at selected heights. In weed populations with mixed species, apply at a rate needed for the species that requires the highest rate. See Application Instructions and Crop Use Directions for specific use directions. Apply as a broadcast, banded, or spot treatment application depending on the situation to control weeds listed. Regrowth may occur due to the weed stage of growth at application, low use rate, or environmental conditions. Repeat applications of **Tigris Glufosinate 280 SL** may be necessary to control plants generating from underground part or seed.

Weed Height in Inches	Use Rate/A
Weeds < 3" in height	48 fl. oz./A (0.88 lb. ai/A)
Weeds < 6" in height	56 fl. oz./A (1.02 lbs. ai/A)
Weeds > 6" in height and/or grasses that have tillered	56 fl. oz. - 82 fl. oz./A (1.02 - 1.50 lbs. ai/A)

Broadleaf Weed Control

Alkali sida	Fleabane, annual	Morningglory, ivyleaf	Smartweed, Pennsylvania
Ammannia purple	Goosefoot	Morningglory, pitted	Sowthistle, annual
Arrowhead, California	Gromwell, field	Mullein, turkey	Spurge, prostrate
Buckwheat, wild	Groundcherry, cutleaf	Mustard, wild	Starthistle, yellow
Buffalobur	Groundsel, common	Nettle	Sunflower, common
Burclover, California	Henbit	Nightshade, black	Sunflower, prairie
Carpetweed	Jimsonweed	Nightshade, eastern black	Sunflower, volunteer
Chickweed, common	Knotweed	Nightshade, hairy	Swinecress
Chinese thornapple	Kochia	Pennygrass	Thistle, Russian
Cocklebur, common	Lambsquarters, common ¹	Pigweed, redroot	Turnip, wild
Copperleaf, Virginia	Lettuce, miner's	Pineappleweed	Velvetleaf ²
Cudweed	Lettuce, prickly	Puncturevine	Vervain
Cutleaf eveningprimrose	London rocket	Purslane, common	Vetch
Dodder	Mallow, common	Radish, wild	Virginia copperleaf
Eclipta	Malva (little mallow)	Ragweed, common	Willowherb, panicle
Fiddleneck	Marestail	Ragweed, giant	
Filaree	Mayweed	Redmaids	
Filaree, redstem	Morningglory, entireleaf	Shepherd's purse	

¹For optimal control, make applications between dawn and 2 hours before sunset.

Grass Weed Control

Barnyardgrass	Crabgrass, smooth	Junglerice	Shattercane
Bluegrass, annual	Cupgrass, woolly	Oat, wild	Sprangletop
Brome, riggut	Foxtail, giant	Panicum, fall	Stinkgrass
Bromegrass, downy	Foxtail, green	Panicum, Texas	Wheat, volunteer
Canarygrass	Foxtail, yellow	Rush, toad ³	Windgrass
Chess, soft	Goosegrass	Ryegrass, annual ³	Witchgrass
Crabgrass, large	Johnsongrass, seedling	Sandbur, field	

¹Apply to annual ryegrass prior to 3 inches in height

²Suppression

Biennial and Perennial Weed Control

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

APPLICATION AND MIXING PROCEDURES

DO NOT use flood jet nozzles, controlled droplet application equipment, or air-assisted spray equipment. Uniform, thorough spray coverage is important to achieve consistent weed control.

Ground Application: Refer to the **Weeds Controlled** tables or **Applications Instructions and Crop Use Directions** for application rates.

Apply **Tigris Glufosinate 280 SL** broadcast in a minimum of 10 gallons of water per acre using a minimum spray pressure of 40 psi and a maximum ground speed of 10 mph. Under dense weed/crop canopies, use a broadcast rate of 15-20 gallons of water per acre so that thorough spray coverage will be obtained. **DO NOT** use raindrop nozzles.

See the **Spray Drift Management** section of this label for additional information on proper application of **Tigris Glufosinate 280 SL**.

Aerial Application: Thorough coverage is necessary for best weed control. For optimal weed control, apply **Tigris Glufosinate 280 SL** in a minimum of 10 gallons per acre. See the **Spray Drift Management** section of this label for additional information on proper application of **Tigris Glufosinate 280 SL**.

COMPATIBILITY TESTING

If **Tigris Glufosinate 280 SL** will be mixed with pesticide products not listed on this label, test the compatibility of the intended tank mixture before mixing the products in the spray tank. The following procedure assumes a spray volume of 25 gallons per acre. For other spray volumes, adjust the amount of the water used accordingly. Check compatibility using this process:

1. In a clear 1-quart jar, place 1.0 pint of water from the source that will be used to prepare the spray solution.
2. For each pound of a dry tank mix partner to be applied per acre, add 1.5 teaspoons to the jar.
3. For each 16 fl. oz. of a liquid tank mix partner to be applied per acre, add 0.5 teaspoon to the jar.
4. For each 16 fl. oz. of **Tigris Glufosinate 280 SL** to be applied per acre, add 0.5 teaspoon to the jar.
5. After adding all the ingredients, place a lid on the jar and tighten, then invert 10 times to mix.
6. Allow the mixture to stand for 15 minutes, then evaluate the solution for uniformity and stability. Look for separation, large flakes, precipitates, gels, heavy oily film on the jar, or other signs of incompatibility. If the tank mix partners are not compatible, **DO NOT** use the mixture in a spray tank.
7. Once compatibility testing is complete, dispose of any pesticide wastes in accordance with the **Storage and Disposal** section of this label.

MIXING INSTRUCTIONS

Tank Mix Instructions: **Tigris Glufosinate 280 SL** may be applied in tank mix combinations with labeled rates of other products provided these other products are labeled for the timing and method of application for the crop to be treated. Use the tank mix partner in accordance with label limitations and restrictions. **DO NOT** exceed label dosage rates. **Tigris Glufosinate 280 SL** may not be mixed with any product containing a label prohibition against such mixing. Refer to the specific crop section for rates and other restrictions. 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.

Tigris Glufosinate 280 SL must be applied with properly calibrated and clean equipment. **Tigris Glufosinate 280 SL** is formulated to mix readily in water. Prior to adding **Tigris Glufosinate 280 SL** to the spray tank, ensure that the spray tank is thoroughly clean, particularly if a herbicide with the potential to injure crops was previously used (see **Cleaning Instructions**).

Mix **Tigris Glufosinate 280 SL** with water to make a finished spray solution as follows:

1. Fill the spray tank half full with water.
2. Begin agitation.
3. If mixing with a flowable/wettable powder tank mix partner, prepare a slurry of the proper amount of the product in a small amount of water. Add the slurry to the spray tank.
4. Add the appropriate amount of ammonium sulfate (AMS) to the spray tank.
5. If mixing with a liquid tank mix partner, add the liquid mix partner next.
6. Complete filling the spray tank with water.
7. Add the proper amount of **Tigris Glufosinate 280 SL** and continue agitation.
8. If foaming occurs, use a silicone-based anti-foam agent.

Ensure that all spray system lines including pipes, booms, etc. have the correct concentration of spray solution by flushing out the spray system lines before starting the crop application.

If tank mix partners listed on this label are added, maintain good agitation at all times until contents of the tank are sprayed. If the spray mixture is allowed to settle, thorough agitation is required to re-suspend the mixture before spraying is resumed. Keep bypass line on or near bottom of tank to minimize foaming. Screen size in nozzles or line strainers must be 50 mesh or larger.

CLEANING INSTRUCTIONS

Before using **Tigris Glufosinate 280 SL**, thoroughly clean bulk storage tank, refillable tank, nurse tanks, spray tank, lines, and filter, particularly if a herbicide with the potential to injure crops was previously used. Ensure that equipment is thoroughly rinsed using a commercial tank cleaner.

After using **Tigris Glufosinate 280 SL**, triple rinse the spray equipment and clean with a commercial tank cleaner before using for crops not labeled as LibertyLink. Make sure any residue or foam is thoroughly removed from spray tank and boom. Rinseate may be disposed following the pesticide disposal directions on this label.

APPLICATION INSTRUCTIONS AND CROP USE DIRECTIONS

The following tables indicate use patterns, rates, minimum spray volumes, pre-harvest intervals and other precautions, restrictions and comments specific to each crop. Read and follow directions carefully.

Tigris Glufosinate 280 SL is a foliar active herbicide with no soil residual activity. For best results, apply to emerged, young, actively growing weeds. Warm temperatures, high humidity and bright sunlight improves the performance of **Tigris Glufosinate 280 SL**. Necrosis of leaves and young shoots occurs within 2 to 4 days after application under growing conditions.

Weeds that emerge after application will not be controlled. **Tigris Glufosinate 280 SL** will have an effect on weeds that are larger than the specified leaf stage, however, speed of activity and control may be reduced.

Weed control may be reduced if application is made when heavy dew, fog, mist or rain are present or when weeds are under stress due to drought, cool temperatures, or extended periods of cloudiness.

When applying for control of lambsquarters and velvetleaf, make applications between dawn and 2 hours before sunset to avoid the possibility of reduced control.

The addition of ammonium sulfate may improve weed control if weeds are under stress. For optimal yield, early season weed removal is important.

To maximize weed control, **DO NOT** cultivate from 5 days before an application to 7 days after an application.

Tigris Glufosinate 280 SL is rainfast 4 hours after application; therefore rainfall within 4 hours may necessitate retreatment.

Consult your local Cooperative Extension Service for guidelines on optimum application timing for **Tigris Glufosinate 280 SL** in your region.

Crop	Use Pattern	Rate/Acre	Directions	Restrictions
COTTON OPTION 1 Up to 2 applications	Burndown (Prior to Planting or Prior to Crop Emergence) In-Season (Post-Emergent to the Crop)	1st application 30.0 – 43.0 fl. oz./A (0.55 – 0.79 lb. ai/A) 2nd application 22.0 – 29.0 fl. oz./A (0.40 – 0.53 lb. ai/A)	Apply to emerged, young, actively growing weeds. Uniform, thorough spray coverage is necessary to achieve consistent weed control. When applying In-Season to cotton, a hooded sprayer must be used. Refer to Application Methods to cotton. Post-Emergent Application: Apply from crop emergence to early bloom stage. Severe injury or death may result if the Tigris Glufosinate 280 SL contacts the foliage or stems of cotton NOT labeled as LibertyLink.	In-Season DO NOT apply to cotton in Florida, South of Tampa (Florida Route 60), or in Hawaii, except for test plots or breeding nurseries. DO NOT apply within 70 days of harvest. DO NOT apply through any type of irrigation system. DO NOT apply more than 72.0 fl. oz./A (1.32 lbs. ai/A) through any combination of use patterns per year. DO NOT apply more than two applications per year. For In-Season applications, DO NOT apply more than 29.0 fl. oz./A (0.53 lb. ai/A) in one application. For burndown, DO NOT apply more than 43.0 fl. oz./A (0.79 lb. ai/A) in one application. Applications must be a minimum of 10 days apart.

(continued)

Crop	Use Pattern	Rate/Acre	Directions	Restrictions
COTTON OPTION 2 Up to 3 applications	Burndown (Prior to Planting or Prior to Crop Emergence) In-Season (Post-Emergent to the Crop)	1st application 22 - 29.0 fl. oz./A (0.4 - 0.53 lb. ai/A) 2nd application 22.0 - 29.0 fl. oz./A (0.40 - 0.53 lb. ai/A) 3rd application 22.0 - 29.0 fl. oz./A (0.40 - 0.53 lb. ai/A)	If first application is a burndown application, apply at the highest 1 st application use rate. Apply to emerged, young, actively growing weeds. Uniform, thorough spray coverage is necessary to achieve consistent weed control. When applying In-Season to cotton, a hooded sprayer must be used. Refer to Application Methods to cotton . Post-Emergent Application: Apply from crop emergence to early bloom stage. Severe injury or death may result if the Tigris Glufosinate 280 SL contacts the foliage or stems of cotton NOT labeled as LibertyLink.	In-Season DO NOT apply to cotton in Florida, South of Tampa (Florida Route 60), or in Hawaii, except for test plots or breeding nurseries. In-Season applications must be at least 10 days apart. DO NOT apply within 70 days of harvest. DO NOT apply through any type of irrigation system. DO NOT apply more than 87.0 fl. oz./A (1.59 lbs. ai/A) through any combination of use patterns per year. DO NOT apply more than 3 applications per year. DO NOT apply more than 29.0 fl. oz./A (0.53 lb. ai/A) in one application.
<p>COTTON: If environmental conditions prevent a timely herbicide application resulting in large weeds or heavy infestations, a single application of up to 43 fl. oz. (0.79 lb. ai) per acre of Tigris Glufosinate 280 SL may be made to cotton. DO NOT apply more than 43 fl. oz. (0.79 lb. ai) per acre in a single application under this use scenario. If a single application of 43 fl. oz. (0.79 lb. ai) per acre is made, a subsequent application not to exceed 29 fl. oz. (0.53 lb. ai) per acre may be made to cotton. The yearly total under this scenario may not exceed 72 fl. oz. (1.32 lbs. ai) per acre including all application timings. Make sequential applications at least 10 days apart.</p> <p>Apply the higher rate to control larger weeds growing in the crop at the time of harvest.</p> <ul style="list-style-type: none"> - Refer to Weeds Controlled - Row Crop table for proper application rate based upon the weeds present and their sizes. - Refer to Application Methods to Cotton when making In-Season applications to cotton. - Refer to Tank Mixtures section for additional information on tank mixes. 				
COTTON	Post-Harvest Burndown (After Cotton Harvest)	29.0 - 43.0 fl. oz./A (0.53 - 0.79 lb. ai/A)	Apply to emerged, young, actively growing weeds. Uniform, thorough spray coverage is necessary to achieve consistent weed control.	DO NOT apply through any type of irrigation system. DO NOT apply more than 87.0 fl. oz./A (1.59 lbs. ai) through any combinations of use patterns per year. Applications must be a minimum of 10 days apart. DO NOT make more than 2 applications per year. DO NOT apply more than 43.0 fl. oz./A (0.79 lb. ai/A) in one application.

Crop	Use Pattern	Rate/Acre	Directions	Restrictions
CORN Field, Silage, Sweet	Burndown (Prior to Planting or Prior to Crop Emergence)	29.0 - 43.0 fl. oz./A (0.53 - 0.79 lb. ai/A)	Apply to emerged, young, actively growing weeds. Uniform, thorough spray coverage is necessary to achieve consistent weed control.	DO NOT apply more than 43.0 fl. oz./A (0.79 lb. ai/A) as a burndown treatment. DO NOT apply more than one burndown application per year.
CORN Field, Silage	In-Season to LibertyLink Corn Only (Post-Emergent to the Crop)	22.0 fl. oz./A (0.40 lb. ai/A) A second In-Season application may be needed to control weeds that have not yet emerged at time of application.	Apply to emerged, young, actively growing weeds. Uniform, thorough spray coverage is necessary to achieve consistent weed control. Post-Emergent Application: Apply broadcast or with drop nozzles from emergence up to 24" tall or in the V7 stage of growth (7 developed collars) whichever comes first. For corn 24" to 36" tall, only apply using ground application and nozzles and avoid spraying into the whorl or leaf axils of the corn stalks. Must be applied with ammonium sulfate (AMS).	DO NOT apply more than 2 applications In-Season. In-Season applications must be at least 10 days apart. DO NOT apply with 60 days of harvesting corn forage, and within 70 days of harvesting corn grain or corn fodder. DO NOT apply through any type of irrigation system. DO NOT apply more than 87.0 fl. oz./A (1.59 lbs. ai/A) through any combination of use patterns per year. For In-Season, DO NOT apply more than 22.0 fl. oz./A (0.40 lb. ai/A) in one application. DO NOT use nitrogen solutions as spray carriers. A silicone based anti-foam agent may be added if needed. DO NOT apply if corn shows injury from environmental stress or prior herbicide applications.

(continued)

Crop	Use Pattern	Rate/Acre	Directions	Restrictions
CORN Sweet	In-Season to LibertyLink Sweet Corn Only (Post-Emergent to the Crop)	22.0 fl. oz./A (0.40 lb. ai/A) A second In-Season application may be needed to control weeds that have not yet emerged at the time of application.	Apply to emerged, young, actively growing weeds. Uniform, thorough spray coverage is necessary to achieve consistent weed control. Post-Emergent Application: Apply from emergence up to 24" tall or in the V7 stage of growth (7 developed collars) whichever comes first.	If used as a burndown application, no In-Season applications may be applied. DO NOT apply more than 2 applications In-Season. In-Season applications must be at least 10 days apart. DO NOT apply within 50 days of harvesting sweet corn ears and within 55 days of harvesting stover. DO NOT apply through any type of irrigation system. DO NOT apply more than 44.0 fl. oz./A (0.80 lb. ai/A) through any combination of use patterns per year. DO NOT apply more than 22.0 fl. oz./A (0.40 lb. ai/A) in one application. Must be applied with ammonium sulfate (AMS). DO NOT use nitrogen solutions as spray carriers. A silicone based anti-foam agent may be added if needed. DO NOT apply if corn shows injury from environmental stress or prior herbicide applications.
<ul style="list-style-type: none"> - For best results use only fine feed grade or spray grade AMS at 3 lbs./A (7 lbs./100 gallons). When temperatures exceed 85°F, the rate of AMS can be reduced to 1.5 lbs. per acre (8.5 lbs./100 gallons) to reduce potential leaf burn. Use of additional surfactants or crops oils may increase risk of crop response. - Refer to Weeds Controlled – Row Crop table for proper application rate based upon the weeds present and their sizes. - Refer to Tank Mixtures section for additional information on tank mixes. 				

Crop	Use Pattern	Rate/Acre	Directions	Restrictions
CANOLA	Burndown (Prior to Planting or Prior to Crop Emergence)	29.0 – 43.0 fl. oz./A (0.53 – 0.79 lb. ai/A)	Apply to emerged, young, actively growing weeds. Uniform, thorough spray coverage is necessary to achieve consistent weed control.	DO NOT apply more than 2 applications In-Season. In-Season applications must be at least 10 days apart.
	In-Season to LibertyLink Canola Only (Post-Emergent to the Crop)	22.0 fl. oz./A (0.40 lb. ai/A) A second In-Season application may be needed to control weeds that have not yet emerged at time of application.	Post-Emergent Application: Apply from cotyledon stage up to early bolting stage. Slight discoloration of the canola may be visible after application. This effect is temporary and will not influence crop growth, maturity, or yield. May be applied with feed grade or spray grade ammonium sulfate (AMS) at 3 lbs./A. Additional surfactants or crop oils may increase risk of crop response.	DO NOT apply In-Season in states of AL, DE, GA, KY, MD, NJ, NC, SC, TN, VA, and WV. DO NOT apply within 65 days of harvest. DO NOT graze the treated crop or cut for hay. DO NOT apply through any type of irrigation system. DO NOT apply more than 87.0 fl. oz./A (1.59 lbs. ai/A) through any combination of use patterns per year. For In-Season, DO NOT apply more than 22.0 fl. oz./A (0.40 lb. ai/A) in one application. DO NOT apply if canola shows injury from environmental stress or prior herbicide applications.
<ul style="list-style-type: none"> - Refer to Weeds Controlled – Row Crop table for proper application rate based upon the weeds present and their sizes. - Refer to Tank Mixtures section for additional information on tank mixes. 				

Crop	Use Pattern	Rate/Acre	Directions	Restrictions
SOYBEAN	Burndown (Prior to Planting or Prior to Crop Emergence)	1st application 29.0 – 43.0 fl. oz./A (0.53 – 0.79 lb. ai/A)	Apply to emerged, young, actively growing weeds. Uniform, thorough spray coverage is necessary to achieve consistent weed control. A silicone-based anti-foam agent may be added if needed.	DO NOT apply more than 43.0 fl. oz./A (0.79 lb. ai/A) in a single application. DO NOT make more than two applications per year through any combination of burndown and In-Season applications. Make sequential applications at least 5 days apart.
	In-Season to LibertyLink Soybeans Only (Post-Emergent to the Crop)	2nd application 22.0 – 29.0 fl. oz./A (0.40 – 0.53 lb. ai/A)	Post-Emergent Application: Apply from crop emergence up to but not including bloom stage.	DO NOT apply within 70 days of harvesting soybean seed. DO NOT graze the treated crop or cut for hay. DO NOT apply through any type of irrigation system. DO NOT apply more than 87.0 fl. oz./A (1.59 lbs. ai/A) through any combination of use patterns per year. DO NOT use nitrogen solutions as spray carriers. DO NOT apply if soybeans show injury from environmental stress or prior herbicide applications.
<ul style="list-style-type: none"> - Refer to Weeds Controlled – Row Crop table for proper application rate based upon the weeds present and their sizes. - Refer to Tank Mixtures section for additional information on tank mixes. 				

Crop	Use Pattern	Rate/Acre	Directions	Restrictions
SUGAR BEETS	Burndown (Prior to Planting or Prior to Crop Emergence)	29.0 – 36.0 fl. oz./A (0.53 – 0.66 lb. ai/A)	Apply to emerged, young, actively growing weeds. For best control application may begin when weeds are up to 1 inch in height or diameter. Repeat applications when newly germinated weeds again reach 1 inch in height or diameter.	In-Season DO NOT apply more than 36 fl. oz./A (0.66 lb. ai/A) in one application. DO NOT apply within 60 days of harvesting sugar beets.
	In-Season to LibertyLink Sugar Beets Only (Post-Emergent to the Crop)	15.0 – 36.0 fl. oz./A (0.27 – 0.66 lb. ai/A) A second In-Season application may be needed to control weeds that have not yet emerged at time of application.	Uniform, thorough spray coverage is necessary to achieve consistent weed control. Post-Emergent Application: Apply from cotyledon stage up to 10 leaf stage of sugar beet. Anti-foam or drift control agents may be added if needed.	DO NOT plant rotation crops in a field treated with Tigris Glufosinate 280 SL within 120 days after the last application of this product with the exception of wheat, barley, buckwheat, millet, oats, rye, sorghum, and triticale, which may be planted 70 days after the last application of this product. Crops listed on this label may be planted at any time. DO NOT graze the treated crop or cut for hay. DO NOT apply product through any type of irrigation system. DO NOT apply more than 60.0 fl. oz./A (1.10 lbs. ai/A) through any combination of use patterns per year. DO NOT make more than 2 applications per year. DO NOT add surfactants. DO NOT apply if sugar beets show injury from environmental stress or prior herbicide applications. Applications must be a minimum of 28 days apart. For burndown, DO NOT apply more than 36.0 fl. oz./A (0.66 lb. ai/A) in one application.
<ul style="list-style-type: none"> - Refer to Weeds Controlled – Row Crop table for proper application rate based upon the weeds present and their sizes. 				

Crop	Use Pattern	Rate/Acre	Directions	Restrictions
POME FRUIT (Crop Group 11-10) Apples, Crabapple, Loquat, Mayhaw, Quince, Pear, Oriental Pear Azarole, Medlar, Tejocote, cultivars, varieties and/or hybrids of these	Broadcast Banded Directed Spray Spot Treatments See Application Methods section for additional information on Banded, Directed Spray and Spot Treatments	Weeds < 3" in height 48 fl. oz./A (0.88 lb. ai/A) Weeds < 6" in height 56 fl. oz./A (1.02 lbs. ai/A) Weeds > 6" in height and/or grasses that have tillered 56 fl. oz. - 82 fl. oz./A (1.02 - 1.50 lbs. ai/A)	Apply to emerged, young, actively growing weeds. Uniform, thorough spray coverage is necessary to achieve consistent weed control. Avoid direct spray, drift or mist to desirable vegetation, green bark, stems or foliage, as injury may occur. Only trunks with callused, mature brown bark may be sprayed unless protected from spray contact by nonporous wraps, grow tubes, or waxed containers. When tank mixing with a residual herbicide no additional surfactant is needed.	Applications must be a minimum of 14 days apart. DO NOT graze, harvest and/or feed treated orchard cover crops to livestock. DO NOT aerially apply. DO NOT apply through any type of irrigation system. DO NOT make spot spray applications to suckers as tree injury may occur. DO NOT apply within 14 days of harvest. DO NOT apply more than 246 fl. oz./A (4.5 lbs. ai/A) through any combination of use patterns per year. DO NOT apply more than 3 applications per year. DO NOT apply more than 82 fl. oz./A (1.50 lbs. ai/A) in one application.

Crop	Use Pattern	Rate/Acre	Directions	Restrictions
CITRUS (Crop Group 10-10) Calamondin, Citrus citron, Citrus hybrids (chironja, tangelo, tangor), Grapefruit, Kumquat, Lemon, Lime, Mandarin (tangerine), Orange (sour, sweet), Pummelo, Satsuma mandarin, cultivars, varieties and/or hybrids of these	Broadcast Banded Directed Spray Spot Treatments See Application Methods section for additional information on Banded, Directed Spray and Spot Treatments	Weeds < 3" in height 48 fl. oz./A (0.88 lb. ai/A) Weeds < 6" in height 56 fl. oz./A (1.02 lbs. ai/A) Weeds > 6" in height and/or grasses that have tillered 56 fl. oz. - 82 fl. oz./A (1.02 - 1.50 lbs. ai/A)	Apply to emerged, young, actively growing weeds. Uniform, thorough spray coverage is necessary to achieve consistent weed control. Avoid direct spray, drift or mist to desirable vegetation, green bark, stems or foliage, as injury may occur. Only trunks with callused, mature brown bark may be sprayed unless protected from spray contact by nonporous wraps, grow tubes, or waxed containers.	Applications must be a minimum of 14 days apart. DO NOT graze, harvest and/or feed treated orchard cover crops to livestock. DO NOT aerially apply. DO NOT apply through any type of irrigation system. DO NOT make spot spray applications to suckers as tree injury may occur. DO NOT apply within 14 days of harvest. DO NOT apply more than 246 fl. oz./A (4.5 lbs. ai/A) through any combination of use patterns per year. DO NOT apply more than 3 applications per year. DO NOT apply more than 82 fl. oz./A (1.50 lbs. ai/A) in one application.

Crop	Use Pattern	Rate/Acre	Directions	Restrictions
GRAPES Table, Wine, Raisin	Broadcast Banded Directed Spray Spot Treatments See Application Methods section for additional information on Banded, Directed Spray and Spot Treatments	Weeds < 3" in height 48 fl. oz./A (0.88 lb. ai/A) Weeds < 6" in height 56 fl. oz./A (1.02 lbs. ai/A) Weeds > 6" in height and/or grasses that have tillered 56 fl. oz. - 82 fl. oz./A (1.02 - 1.50 lbs. ai/A)	Apply to emerged, young, actively growing weeds. Uniform, thorough spray coverage is necessary to achieve consistent weed control. Avoid direct spray, drift or mist to desirable vegetation, green bark, stems, or foliage as injury may occur. Only trunks with callused, mature brown bark may be sprayed unless protected from spray contact by nonporous wraps, grow tubes, or waxed containers.	DO NOT aerially apply. DO NOT apply through any type of irrigation system. DO NOT make spot spray applications to suckers as tree injury may occur. DO NOT apply within 14 days of harvest. DO NOT apply more than 246 fl. oz./A (4.5 lbs. ai/A) through any combination of use patterns per year. DO NOT apply more than 3 applications per year. DO NOT apply more than 82 fl. oz./A (1.50 lbs. ai/A) in one application. Applications must be a minimum of 28 days apart.

Crop	Use Pattern	Rate/Acre	Directions	Restrictions
STONE FRUIT (Crop Group 12-12) Apricot, Cherry (sweet, tart), Nectarine, Peach, Plum (chickasaw, damson, Japanese), Plumcot, Prune (fresh)	Broadcast Banded Directed Spray Spot Treatments See Application Methods section for additional information on Banded, Directed Spray and Spot Treatments	Weeds < 3" in height 48 fl. oz./A (0.88 lb. ai/A) Weeds < 6" in height 56 fl. oz./A (1.02 lbs. ai/A) Weeds > 6" in height and/or grasses that have tillered 56 fl. oz. - 82 fl. oz./A (1.02-1.50 lbs. ai/A)	Apply to emerged, young, actively growing weeds. Uniform, thorough spray coverage is necessary to achieve consistent weed control. Avoid direct spray, drift or mist to desirable vegetation, green bark, stems, or foliage as injury may occur. Only trunks with callused, mature brown bark may be sprayed unless protected from spray contact by nonporous wraps, grow tubes, or waxed containers.	Applications must be a minimum of 28 days apart. DO NOT graze, harvest and/or feed treated orchard cover crops to livestock. DO NOT aerially apply. DO NOT apply through any type of irrigation system. DO NOT make spot spray applications to suckers as tree injury may occur. DO NOT apply within 14 days of harvest. DO NOT apply more than 164 fl. oz./A (3.0 lbs. ai/A) through any combination of use patterns per year. DO NOT apply more than 2 applications per year. DO NOT apply more than 82 fl. oz./A (1.50 lbs. ai/A) in one application.

Crop	Use Pattern	Rate/Acre	Directions	Restrictions
TREE NUTS (Crop Group 14) Almond, Beech nut, Brazil nut, Butternut, Cashew, Chestnut, Chinquapin, Filbert (hazelnut), Hickory nut, Macadamia (bush nut), Pecan, Pistachio, Walnut (black and English (Persian))	Broadcast Banded Directed Spray Spot Treatments See Application Methods section for additional information on Banded, Directed Spray and Spot Treatments	Weeds < 3" in height 48 fl. oz./A (0.88 lb. ai/A) Weeds < 6" in height 56 fl. oz./A (1.02 lbs. ai/A) Weeds > 6" in height and/or grasses that have tillered 56 fl. oz. - 82 fl. oz./A (1.02 - 1.50 lbs. ai/A)	Apply to emerged, young, actively growing weeds. Uniform, thorough spray coverage is necessary to achieve consistent weed control. Avoid direct spray, drift or mist to desirable vegetation, green bark, stems, or foliage, as injury may occur. Only trunks with callused, mature brown bark may be sprayed unless protected from spray contact by nonporous wraps, grow tubes, or waxed containers.	DO NOT graze, harvest and/or feed treated orchard cover crops to livestock. DO NOT aerially apply. DO NOT apply through any type of irrigation system. DO NOT make spot spray applications to suckers as tree injury may occur. DO NOT apply within 14 days of harvest. DO NOT apply more than 246 fl. oz./A (4.5 lbs. ai/A) through any combination of use patterns per year. DO NOT apply more than 3 applications per year. DO NOT apply more than 82 fl. oz./A (1.50 lbs. ai/A) in one application. Applications must be at least 28 days apart.

Crop	Use Pattern	Rate/Acre	Directions	Restrictions
BUSHBERRY Subgroup 13B Blueberry, highbush and lowbush; currant; elderberry; gooseberry; huckleberry; lingonberry; juneberry; salal	Broadcast Banded Directed Spray Spot Treatments See Application Methods section for additional information on Banded, Directed Spray and Spot Treatments	Weeds < 3" in height 48 fl. oz./A (0.88 lb. ai/A) Weeds < 6" in height 56 fl. oz./A (1.02 lbs. ai/A) Weeds > 6" in height and/or grasses that have tillered 56 fl. oz. - 82 fl. oz./A (1.02 - 1.50 lbs. ai/A)	Apply to emerged, young, actively growing weeds. Uniform, thorough spray coverage is necessary to achieve consistent weed control. Avoid direct spray, drift or mist to desirable vegetation, green bark, stems, or foliage, as injury may occur. Only trunks with callused, mature brown bark may be sprayed unless protected from spray contact by nonporous wraps, grow tubes, or waxed containers.	DO NOT aerially apply. DO NOT apply through any type of irrigation system. DO NOT make spot spray applications to suckers as tree injury may occur. DO NOT apply within 14 days of harvest. DO NOT apply more than 164 fl. oz./A (3.0 lbs. ai/A) through any combination of use patterns per year. DO NOT apply more than 2 applications per year. DO NOT apply more than 82 fl. oz./A (1.50 lbs. ai/A) in one application. Applications must be a minimum of 28 days apart.

Crop	Use Pattern	Rate/Acre	Directions	Restrictions
OLIVES	Broadcast	Weeds < 3" in height 48 fl. oz./A (0.88 lb. ai/A)	Apply to emerged, young, actively growing weeds.	Applications must be a minimum of 14 days apart.
	Banded Directed Spray Spot Treatments	Weeds < 6" in height 56 fl. oz./A (1.02 lbs. ai/A)	Uniform, thorough spray coverage is necessary to achieve consistent weed control.	DO NOT graze, harvest and/or feed treated orchard cover crops to livestock.
	See Application Methods section for additional information on Banded, Directed Spray and Spot Treatments	Weeds > 6" in height and/or grasses that have tillered 56 fl. oz. - 82 fl. oz./A (1.02 - 1.50 lbs. ai/A)	Avoid direct spray, drift or mist to desirable vegetation, green bark, stems, or foliage, as injury may occur. Only trunks with callused, mature brown bark may be sprayed unless protected from spray contact by nonporous wraps, grow tubes, or waxed containers.	DO NOT aerially apply. DO NOT apply through any type of irrigation system. DO NOT make spot spray applications to suckers as tree injury may occur. DO NOT apply more than 246 fl. oz./A (4.50 lbs. ai/A) through any combination of use patterns per year. DO NOT apply more than 3 applications per year. DO NOT apply more than 82 fl. oz./A (1.50 lbs. ai/A) in one application.

Crop	Use Pattern	Rate/Acre	Directions	Restrictions
POTATOES	Vine Desiccation	21.0 fl. oz./A (0.38 lb. ai/A)	Apply at the beginning of natural senescence of potato vines. Potato varieties with heavy or dense vines may require an application of another desiccation product to complete vine desiccation. Thorough coverage of the potato vines to be desiccated is essential. Use sufficient volume of water (20 to 100 gpa). Vary the gallons of water per acre and spray pressure as indicated by the density of the potato vines. Increase spray volume to at least 30 gallons of water per acre when potato canopy is dense or under cool and dry conditions. Apply with the spray boom as low as possible to achieve thorough coverage of the potato vines for best control and to minimize drift potential.	DO NOT apply to potatoes grown for seed. DO NOT split application or apply more than 1 application per harvest. DO NOT harvest potatoes until 9 days or more after application. DO NOT apply more than 21.0 fl. oz./A (0.38 lb. ai/A) per year. Canola, corn, cotton, rice, soybean and sugar beets may be planted at any time after an application of Tigris Glufosinate 280 SL as a potato vine desiccant. Wheat, barley, buckwheat, millet, oats, rye sorghum or triticale may be planted 30 days or more after an application of Tigris Glufosinate 280 SL as a potato vine desiccant. All other crops may be planted 120 or more days after an application of Tigris Glufosinate 280 SL as a potato vine desiccant.

SUCKER CONTROL

When applied to suckers in tree, vine, and berry crops that are young, green, and uncallused, **Tigris Glufosinate 280 SL** will reduce or eliminate sucker growth. For sucker control, make a split application approximately 4 weeks apart at 56 fl. oz. of product/A (1.02 lbs. ai/A) in a broadcast application. Thorough coverage of all sucker foliage is necessary for optimum control. Suckers must not exceed 12 inches in length. **DO NOT** make spot applications to trunk as injury may occur.

TANK MIX PARTNER INSTRUCTIONS

Because **Tigris Glufosinate 280 SL** does not provide residual weed control or control of unexposed plant parts, certain herbicide tank mixes may aid in the performance of **Tigris Glufosinate 280 SL** or be added to provide residual herbicide activity. No additional surfactant is needed with any tank mix partner. **Tigris Glufosinate 280 SL** may be applied in tank mix combinations with labeled rates of other products that are labeled for the timing and method of application for the crop to be treated. Always use the tank mix partner in accordance with the label limitations and restrictions. **DO NOT** exceed label dosage rates. **Tigris Glufosinate 280 SL** may not be mixed with any product containing a label prohibition against such mixing.

flumioxazin	simazine
napropamide	terbacil
oxyfluorfen	norflurazon
diuron	oryzalin

APPLICATION METHODS

COTTON

Application of **Tigris Glufosinate 280 SL** to cotton varieties not labeled as LibertyLink requires the use of hooded spray equipment designed to minimize exposure of the spray to the cotton stand. A hooded sprayer directs the spray onto weeds, while shielding the cotton stand from contact. Use nozzles that provide uniform coverage within the treated area. Keep hoods on these sprayers adjusted to protect desirable vegetation. Extreme care must be exercised to avoid exposure of the desirable vegetation to the spray.

With a hooded sprayer, the spray pattern is completely enclosed on the top and all 4 sides by a hood. This equipment must be set up and operated in a manner that avoids bouncing or raising the hoods off the ground in any way. The spray hoods must be operated on the ground or skimming across the ground. Tractor speed must be adjusted to avoid bouncing of the spray hoods. Avoid operation on rough or sloping ground where the spray hoods might be raised off the ground as this may cause spray particles to escape and come into contact with the cotton, causing damage or destruction of the crop.

Herbicide rates and spray volume instructions are presented as broadcast equivalents and must be reduced in proportion to the area actually treated. Use the following formulas to calculate the correct rate and volume per planted (field) acre:

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

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

BANDED SPRAY APPLICATIONS – TREE, NUT, VINE AND BERRIES

Banded applications may be used using the following formula to calculate the amount of herbicide needed for orchard or vineyard strip sprays:

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

SPOT OR DIRECTED SPRAY APPLICATIONS – TREE, NUT, VINE AND BERRIES

For spot or directed spray applications mix **Tigris Glufosinate 280 SL** at 1.7 fl. oz. (oz (0.03 lb. ai/A) of product per gallon of water. Apply to undesirable vegetation foliage until wet but prior to runoff. Ensure uniform and complete coverage. Thoroughly clean the sprayer following use. **DO NOT** make spot or directed spray applications to tree or vine trunk as injury may occur.

TANK MIXTURES

See **Compatibility Testing** section of this label if tank mixing with other pesticide products.

For all crops certain herbicide tank mixes may aid in the performance of **Tigris Glufosinate 280 SL** or be added to provide residual herbicide activity. When tank mixing with a residual herbicide no additional surfactant is needed. **Tigris Glufosinate 280 SL** may be applied in tank mix combinations with labeled rates of other products labeled for the timing and method of application for the crop to be treated. The tank mix partner must be used in accordance with the label limitations and restrictions. No label dosage rates may be exceeded. **Tigris Glufosinate 280 SL** may not be mixed with any product containing a label prohibition against such 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.

Tank mix partners for Tigris Glufosinate 280 SL on LibertyLink canola:

Tank Mix Partner	Rate (fl. oz./A)
quizalofop-p-ethyl	Refer to product label
sethoxydim	Refer to product label
Clethodim (26.4%)	Refer to product label
Clethodim (12.6%)	Refer to product label

Tank mix partners for Tigris Glufosinate 280 SL on LibertyLink corn:

2,4-D	tembotrione + thien carbazon e-methyl	tembotrione	pendimethalin ¹	dicamba, sodium salt + halosulfuron-methyl
acetochlor	dicamba, sodium salt + diflufenzopyr-sodium	atrazine + mesotrione + s-metolachlor ²	halosulfuron-methyl	mesotrione + s-metolachlor ²
carfentrazone-ethyl	atrazine + dimethanamide-P	atrazine + mesotrione + s-metolachlor ²	flumetsulam	
atrazine	Halex GI	Metolachlor ¹	s-metolachlor ²	
mesotrione	flumetsulam + clopyralid potassium	nicosulfuron	primisulfuron-methyl + prosulfuron	
mesotrione + s-metolachlor ²	topramezone	dicamba, sodium salt + primisulfuron-methyl	dicamba, sodium salt + diflufenzopyr-sodium	

¹ Tank mixing with pendimethalin may result in reduced control of barnyardgrass, fall panicum, field sandbar, yellow foxtail, and volunteer corn.

² For best results tank mix these products at 1/2 the use rate with **Tigris Glufosinate 280 SL** to reduce risk of crop response.

APPLICATION DIRECTIONS FOR CANOLA, CORN, COTTON, AND SOYBEAN SEED PROPAGATION

Tigris Glufosinate 280 SL may be applied to select out susceptible "segregates," i.e., canola, corn, cotton, and soybean plants that are sensitive to glufosinate-ammonium during seed propagation.

- **Canola:** **Tigris Glufosinate 280 SL** may also be used in canola seed propagation as a foliar spray to selectively eliminate canola plants that do not carry the LibertyLink gene and as such, can be applied to remove susceptible segregates during canola seed propagation. Breeding material not possessing the LibertyLink gene will be severely injured or killed if treated with this herbicide. Up to three (3) applications of **Tigris Glufosinate 280 SL** may be applied at a rate of 29.0 fl. oz./A (0.53 lb. ai/A). Apply from the cotyledon stage up to the early bolting stage (e.g., BBCH18-30, between just prior to stem elongation/bolting, eight or more leaves and beginning of stem elongation, no internodes).

Restrictions:

- **DO NOT** apply more than 3 applications at up to 29.0 fl. oz./A (0.53 lb. ai/A) per application through any combination of use patterns per year.
- **DO NOT** apply more than 87.0 fl. oz./A (1.59 lbs. ai/A) through any combination of use patterns per year.
- **DO NOT** apply beyond the early bolting stage or within 65 days of harvesting canola seed.
- **DO NOT** use treated canola seed for food, feed or oil purposes.
- **DO NOT** apply if canola shows injury from environmental stress (drought, excessive rainfall, etc) or from a prior herbicide application.
- **DO NOT** apply this product through any type of irrigation system.
- Refer to **Rotational Crop Restrictions** for appropriate crop plant back intervals.
- Applications must be a minimum of 10 days apart.
- **Corn:** Inbred lines (plants not possessing the LibertyLink trait) will be severely injured or killed if treated with this herbicide. A hooded sprayer may be used to protect plants from coming into contact with the herbicide application. For the selection of LibertyLink corn "segregates", apply **Tigris Glufosinate 280 SL** at 22 fl. oz./A (0.40 lb. ai/A) plus AMS at 3 lbs./A (07 lbs./100 gallons) when corn is in the V-3 to V-4 stage of growth, i.e., 3 to 4 developed collars. Make a second treatment of 22 fl. oz./A (0.40 lb. ai/A) plus AMS at 3 lbs./A when the corn is in the V-6 to V-7 stage of growth or up to 24" tall. Make sequential applications at least 10 days apart. When temperatures exceed 85°F, the rate of AMS can be reduced to 1.5 lbs./A (8.5 lbs./100 gallons) to reduce potential leaf burn. See **Application Instructions and Crop Use Directions** on Corn for use rates and application timing.
- **Cotton:** Use **Tigris Glufosinate 280 SL** in cotton seed propagation as a foliar spray to selectively eliminate cotton plants that do not carry the LibertyLink trait, removing susceptible segregates during cotton seed propagation. Breeding material not possessing the LibertyLink trait will be severely injured or killed if treated with this herbicide. See **Application Instructions and Crop Use Directions** on Cotton for use rates and application timing.
- **Soybeans:** For the selection of LibertyLink soybean "segregates", apply **Tigris Glufosinate 280 SL** at up to 22 to 36 fl. oz./A (0.40 - 0.66 lb. ai/A) when soybean is in the third trifoliolate stage. Make a second treatment of 22 to 29 fl. oz./A (0.40-0.53 lb. ai/A) up to but not including the bloom growth stage of soybean. Make sequential applications at least 5 days apart. See **Application Instructions and Crop Use Directions** on Soybeans for use rates and application timing.

FALLOW FIELDS OR POST-HARVEST

Tigris Glufosinate 280 SL may be used as a substitute for tillage in fallow fields to control or suppress weeds listed in the **Weed Control for Row Crops** section of this label. Applications may be made in fallow fields, post-harvest, before planting or emergence of any crop listed on this label.

Apply **Tigris Glufosinate 280 SL** at 22 or 29 fl. oz./A (0.40 - 0.53 lb. ai/A) to fallow fields to control specific weeds. **Tigris Glufosinate 280 SL** must be applied with ammonium sulfate. Tank mixes with 2,4-D, glyphosate or atrazine and **Tigris Glufosinate 280 SL** will enhance total weed control. 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. See the **Application and Mixing Procedures** section of this label for additional information on how to apply this product. See the **Product Information** section of this label for rotational crop restrictions.

Restrictions:

- **DO NOT** apply more than 29 fl. oz./A (0.53 lb. ai/A) in a single application.
- **DO NOT** make more than 3 applications per year.
- **DO NOT** make sequential applications sooner than 14 days apart.
- **DO NOT** apply more than 87 fl. oz./A (1.59 lbs. ai/A) per year.

FARMSTEADS, RECREATIONAL, AND PUBLIC AREAS

When applied as listed, **Tigris Glufosinate 280 SL** controls undesirable plant vegetation in non-crop areas around farmstead building foundations, shelter belts, along fences, airports, commercial plants, storage and lumber yards, educational facilities, fence lines, ditch banks, dry ditches, schools, parking lots, tank farms, pumping stations, parks and farmstead weed control. Refer to **Weeds Controlled Table** for list of weeds controlled.

Apply as a broadcast or spot spray treatment application depending on the situation to control weeds. Regrowth may occur due to the weed stage of growth at application, low use rate, or environmental conditions. Repeat applications may be necessary to control plants generating from underground part or seed.

Restrictions:

- **DO NOT** apply more than 82 fl. oz./A (1.5 lbs. ai/A) in one application.
- **DO NOT** apply more than 82 fl. oz./A (1.5 lbs. ai/A) per year.
- **DO NOT** make sequential applications sooner than 10 days apart.
- **DO NOT** apply more than 2 applications per year when using reduced application rates.

Rates in fluid ounces of formulated product per acre for the control of weeds at selected heights. In weed populations with mixed species, apply at a rate needed for the species that requires the highest rate.

Weed Height in Inches	Use Rate/A
Weeds <3" in height	48 fl. oz./A (0.88 lb. ai/A)
Weeds <6" in height	56 fl. oz./A (1.02 lbs. ai/A)
Weeds >6" in height and/or grasses that have tillered	56 - 82 fl. oz./A (1.02 - 1.50 lbs. ai/A)

See the **Application and Mixing Procedures** section of this label for additional information on how to apply this product. See the **Product Information** section of this label for rotational crop restrictions.

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. Storage temperature must not exceed 125°F. If storage temperature for bulk **Tigris Glufosinate 280 SL** is below 32°F, the material must not be pumped 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:

Rigid, Non-refillable containers (i.e., with capacities greater than 5 gallons) triple rinse or pressure rinse as follows:

Triple rinse: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container back 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 and disposal. Repeat this procedure two more times. Then offer for recycling or reconditioning if available, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. **DO NOT** cut or weld metal containers. **Pressure rinse:** Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after flow begins to drip. Then offer for recycling if available, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by State and local authorities.

All refillable container types (containers with capacities greater than 50 lbs)

Refillable container. Refill this container with pesticide only. **DO NOT** reuse this container for any other purpose. Cleaning before refilling is the responsibility of the refiller. This is a sealed returnable container to be used only for Tigris Glufosinate 280 SL. When this container is empty, it must not be opened, cleaned, or discarded. Empty containers must be returned to the original purchase location.

Bottom discharge Intermediate Bulk Container (IBC) (containers with capacities greater than 50 lbs)

Refillable container. Refill this container with pesticide only. **DO NOT** reuse this container for any other purpose. Cleaning before refilling is the responsibility of the refiller. Pressure rinsing the container before final disposal is the responsibility of the person disposing of the container. Empty the remaining contents from the Intermediate Bulk container (IBC) into application equipment or mix tank. Raise the bottom of the IBC by 15 inch on the side which is opposite of the bottom discharge valve to promote more complete product removal. Completely remove the top lid of the IBC. Use water pressurized to at least 40 PSI to rinse all interior portions. Continuously pump or drain rinsate into application equipment or rinsate collection system while pressure rinsing. Continue pressure rinsing for 2 minutes or until rinsate becomes clear. Replace the lid and close bottom valve. Contact your Ag retailer for container return, disposal, and recycling recommendations.

SEED DISPOSAL: To dispose of out-of-date or otherwise unmarketable seed from plants, which have been treated with **Tigris Glufosinate 280 SL**, broadcast and lightly incorporate seed into field soils using disc or other suitable implement. Any resulting crop may be destroyed by chemical or mechanical means. Alternatively, seed may be destroyed by deep burial, incineration or landfill disposal.

LIMITATION OF WARRANTY AND LIABILITY

IMPORTANT: READ BEFORE USE. Read the entire Directions for Use, Conditions of Warranties and Limitations of Liability before using this product. If these terms and conditions are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following Disclaimer of Warranties and Limitations of Liability.

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Ineffectiveness, injury, and other unintended consequences may result because of such factors as manner of use or application (including misuse), the presence of other materials, weather conditions, and other unknown factors, all of which are beyond the control of TIGRIS, LLC. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, TIGRIS, LLC makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond statements on this label.

LIMITATIONS OF LIABILITY: To the extent consistent with applicable law, neither TIGRIS, LLC the manufacturer, nor the Seller shall be liable for any indirect, special, incidental or consequential damages resulting from the use, handling, application, storage, or disposal of this product. To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use, handling, application, or storage of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid.

Tigris™ Glufosinate is a trademark of Tigris, LLC.

Liberty, LibertyLink, Louis, and the LibertyLink design are registered trademarks of Bayer CropScience. Impact is a registered trademark of Amvac Chemical Company.

GLUFOSINATE-AMMONIUM GROUP 10 HERBICIDE

TIGRIS™

GLUFOSINATE 280 SL

ACTIVE INGREDIENT:	(% by weight)
Glufosinate-ammonium (CAS No. 77182-82-2)	24.5%
OTHER INGREDIENTS:	75.5%
TOTAL:	100.0%

Contains 2.34 lbs. of Glufosinate-ammonium per gallon.

KEEP OUT OF REACH OF CHILDREN CAUTION

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

FIRST AID	
IF SWALLOWED:	<ul style="list-style-type: none"> Call a poison control center or doctor for treatment advice. Have person sip a glass of water if able to swallow. DO NOT induce vomiting unless told to by a poison control center or doctor.
IF ON SKIN:	<ul style="list-style-type: none"> Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
IF IN EYES:	<ul style="list-style-type: none"> Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes; then continue rinsing. Call a poison control center or doctor for treatment advice.
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 sulfite 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 SafetyCall at 1-844-685-9773 for emergency medical treatment information.	

**For Chemical Emergency
Spill, Leak, Fire, Exposure, or Accident
Call CHEMTREC Day or Night**

Within USA and Canada: 1-800-424-9300 or +1 703-527-3887 (collect calls accepted)

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

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

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 and must be used strictly in accordance with the drift and run-off precautions on this label in order to minimize off-site exposures.

Manufactured For:
Tigris, LLC
P.O. Box 250
10025 Hwy. 264 Alternate
Middlesex, NC 27557



Under some conditions, this product may have a potential to run-off to surface water or adjacent land. Where possible, use methods which reduce soil erosion, including no till, limited till and contour plowing; these methods also reduce pesticide run-off. Use of vegetation filter strips along rivers, creeks, streams, wetlands, etc. or on the downhill side of fields where run-off could occur to minimize water runoff is advised.

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. Storage temperature must not exceed 125°F. If storage temperature for bulk **Tigris Glufosinate 280 SL** is below 32°F, the material must not be pumped 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:

Rigid, Non-refillable containers (i.e., with capacities greater than 5 gallons) triple rinse or pressure rinse as follows:

Triple rinse: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container back 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 and disposal. Repeat this procedure two more times. Then offer for recycling or reconditioning if available, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. **DO NOT** cut or weld metal containers. Pressure rinse: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after flow begins to drip. Then offer for recycling if available, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by State and local authorities.

All refillable container types (containers with capacities greater than 50 lbs.)

Refillable container. Refill this container with pesticide only. **DO NOT** reuse this container for any other purpose. Cleaning before refilling is the responsibility of the refiller. This is a sealed returnable container to be used only for Tigris Glufosinate 280 SL. When this container is empty, it must not be opened, cleaned, or discarded. Empty containers must be returned to the original purchase location.

Bottom discharge Intermediate Bulk Container (IBC) (containers with capacities greater than 50 lbs.)

Refillable container. Refill this container with pesticide only. **DO NOT** reuse this container for any other purpose. Cleaning before refilling is the responsibility of the refiller. Pressure rinsing the container before final disposal is the responsibility of the person disposing of the container. Empty the remaining contents from the Intermediate Bulk container (IBC) into application equipment or mix tank. Raise the bottom of the IBC by 15 inch on the side which is opposite of the bottom discharge valve to promote more complete product removal. Completely remove the top lid of the IBC. Use water pressurized to at least 40 PSI to rinse all interior portions. Continuously pump or drain rinsate into application equipment or rinsate collection system while pressure rinsing. Continue pressure rinsing for 2 minutes or until rinsate becomes clear. Replace the lid and close bottom valve. Contact your Ag retailer for container return, disposal, and recycling recommendations.

SEED DISPOSAL: To dispose of out-of-date or otherwise unmarketable seed from plants, which have been treated with **Tigris Glufosinate 280 SL**, broadcast and lightly incorporate seed into field soils using disc or other suitable implement. Any resulting crop may be destroyed by chemical or mechanical means. Alternatively, seed may be destroyed by deep burial, incineration or landfill disposal.

See inside label booklet for additional Precautionary Statements and Directions for Use.

**EPA Reg. No.: 92647-13
EPA Est. No.: 89442-NC-001
20201005a**

PEEL HERE TO OPEN ▲

NET CONTENTS: 265 GALS.

480361-1020

PF 159922-1

PROOF

THIS PROOF IS TO BE CHECKED FOR ACCURACY

Please review and approve **Text, Spelling, Copy Placement, Size, Shape, Colors** and **Dieline**.

Authorized signature accepts responsibility for accuracy of all copy, color break and artwork. Cimarron Label is not liable for any discrepancies subsequently identified.

PLEASE NOTE: Due to color variance between printers/monitors, the colors represented by this proof cannot be deemed accurate. Please refer to a color matching system such as the Pantone Matching System for a truer representation of spot colors.





THIS PROOF IS NOT ACCURATE FOR COLOR-MATCH.

Dieline does not print.

 **Cimarron Label**

Experts in Extended Text Labeling

4201 North Westport Ave. • Sioux Falls, SD 57107
Phone: (605) 978-0451 • Fax: (605) 978-0463

DATE	JOB NUMBER	CUSTOMER
12-3-20	162853	Atticus
LABEL SIZE	BOOKLET SIZE	
6.5" x 6.5"	6.25" x 5.5"	
LABEL COLORS	BOOKLET OUTSIDE COLORS	BOOKLET INSIDE COLORS
 BLK	 BLK  7462	 BLK
PATTERN VARNISH: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		

Form: CS 006B - 3/29/2017

ARTWORK IS APPROVED

REVISED PROOF NEEDED

**WE CANNOT PROCESS
THIS ORDER WITHOUT AN
AUTHORIZED SIGNATURE**

Signed _____ Date _____