

# SURMISE<sup>®</sup>

## SPEEDPROXT

GLUFOSINATE	GROUP	10	HERBICIDE
NONANOIC ACID	GROUP	27	HERBICIDE
IMAZETHAPYR	GROUP	2	HERBICIDE

## SPECIMEN LABEL

Herbicide for nonselective weed control of emerged weeds in non-crop areas including: Industrial sites, Petroleum tank farms, Pumping stations, around Education buildings, Lumberyards, Manufacturing sites, Storage areas, Airports, Roadsides, Curbs, Sidewalks, Driveways, Parking areas, Brick walks, Gravel paths, Patios, Vacant lots, Paved areas including cracks and crevice), Warehouse areas, Urban areas, Play areas, Tennis courts, Fencerows, along fences of paddocks, Hedgerows, Dry ditchbanks, around Domestic dwellings, Shelter beds, dog kennels, under trees.

### ACTIVE INGREDIENT:

Glufosinate-ammonium .....	10.00%
Ammonium nonanoate* .....	11.08%
Imazethapyr-ammonium** .....	3.18%

<b>OTHER INGREDIENTS:</b> .....	75.74%
<b>TOTAL:</b> .....	100.00%

\* Equivalent to 10.00% nonanoic (pelargonic) acid equivalent.

\*\* Equivalent to 3.00% imazethapyr acid equivalent.

Contains 0.88 lbs Glufosinate ammonium, 0.88 lbs Nonanoic (pelargonic) acid, and 0.27 lbs Imazethapyr acid per gallon.

## KEEP OUT OF REACH OF CHILDREN WARNING/AVISO

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

FIRST AID	
<b>IF IN EYES:</b>	<ul style="list-style-type: none"> <li>• Hold eyes open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses after the first 5 minutes, then continue rinsing.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF ON SKIN:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• <b>DO NOT</b> induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• <b>DO NOT</b> give anything by mouth to an unconscious person.</li> </ul>
<b>IF INHALED:</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth- to-mouth if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>

In case of emergency call toll free the CHEMTREC 1-800-424-9300. Have a product container or label with you when calling a poison control center or doctor or going for treatment.

See inside booklet for additional First Aid, Precautionary Statements and Directions for Use.

**EPA Reg. No. 45002-32-89442**

AD033122-1

# PRECAUTIONARY STATEMENTS

## HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**WARNING/AVISO:** Causes substantial but temporary eye injury. **DO NOT** get in eyes or on clothing. Avoid contact with skin. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

## PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

1. Long-sleeved shirt and long pants
2. Chemical resistant gloves such as barrier laminate butyl rubber >14 mils nitrile rubber >14 mils neoprene rubber >14 mils polyvinyl chloride (PVC) >14 mils or Viton >14 mils
3. Shoes plus socks
4. Protective eyewear (goggles, face shield, or safety glasses).

## USER SAFETY REQUIREMENTS

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. **DO NOT** reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

## 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, or to intertidal areas below the mean high-water mark. **DO NOT** clean equipment or dispose of equipment washwaters in a manner that will contaminate water resources or land.

### Surface Water Advisory:

This product may impact surface water quality due to runoff of rain water. This is especially true for poorly draining soils and soils with shallow ground water. This product is classified as having high potential for reaching surface water via runoff for several months or more after application.

A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential loading of imazethapyr from runoff water and sediment. Runoff of this product will be reduced by avoiding applications when rainfall or irrigation is expected to occur within 48 hours.

**DO NOT** use on coarse soils classified as sand which have less than 1% organic matter.

### Groundwater Advisory:

Glufosinate-ammonium and imazethapyr-ammonium have properties and characteristics associated with chemicals detected in groundwater. The use of this product in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

This product may not be mixed or loaded within 50 feet of any wells (including abandoned wells and drainage wells), sinkholes, perennial or intermittent streams and rivers, and natural or impounded lakes or reservoirs. This setback does not apply to properly capped or plugged abandoned wells and does not apply to impervious pad or properly diked mixing/loading areas.

### Non-Target Organism Advisory:

This product is toxic to plants and may adversely impact the forage and habitat of non-target organisms, including pollinators, in areas adjacent to the treated site. Protect the forage and habitat of non-target organisms by following label directions intended to minimize spray drift.

## PHYSICAL OR CHEMICAL HAZARDS

**DO NOT** mix or allow coming in contact with oxidizing agent. 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.

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

1. Coveralls;
2. Chemical-resistant gloves such as barrier laminate, butyl rubber >14 mils nitrile rubber >14 mils neoprene rubber >14 mils polyvinyl chloride (pvc) >14 mils or viton >14 mils;
3. Shoes plus socks;
4. Protective eyewear.

## NON AGRICULTURAL USE REQUIREMENTS

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

## MANDATORY SPRAY DRIFT

- **DO NOT** apply via air.
- **DO NOT** apply when wind speeds exceed 10 miles per hour at the application site.
- **DO NOT** apply during temperature inversions.
- Applicators must select nozzles and pressure that deliver coarse to coarser droplets in accordance with American Society of Agricultural & Biological Engineers Standard 527 (ASABE 572).
- 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.
- User must only apply with the release height recommended by the manufacturer, but no more than 3 feet above the ground or crop canopy unless making a turf, pasture, or rangeland application, in which case applicators may apply with a nozzle height no more than 4 feet above the ground.

## SPRAY DRIFT ADVISORY

### POLLINATOR ADVISORY

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

## SPRAY DRIFT MANAGEMENT

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

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

See Wind, Temperature and Humidity, and Temperature Inversions sections of this label.

### Techniques for Controlling Droplet Size -

**Volume** – Use high flow rate nozzles to apply the highest practical spray volume. Nozzles with higher rated flows produce larger droplets.

**Pressure** – Use the lower spray pressures recommended for the nozzle. Higher pressure reduces droplet size and does not improve canopy penetration. **WHEN HIGHER FLOW RATES ARE NEEDED, USE A HIGHER-CAPACITY NOZZLE INSTEAD OF INCREASING PRESSURE.**

**Nozzle Type** – Use a nozzle type that is designed for the intended application. With most nozzle types, narrow spray angles produce larger droplets. Consider using low-drift nozzles.

**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 manufacturer, 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 when 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

This product is a nonselective water-soluble herbicide for application as a foliar spray for the control of a broad-spectrum of emerged annual and perennial grass and broadleaf weeds on residential, commercial, and institutional lawns, athletic fields, commercial sod farms, golf course fairways and roughs, railroad rights-of-way, highway, roadside, pipeline and utility rights-of-way, industrial areas, fence rows, and other non-crop sites. This product will also control certain woody species. Plants that have not yet emerged at the time of application will not be controlled. **THOROUGH SPRAY COVERAGE IS IMPORTANT.** Visual effects and control from application of this product will occur within 2 to 4 days after application under good growing conditions.

This product is nonselective and will injure or kill all green vegetation contacted by the spray. Avoid all contact with foliage or green tissue of desirable vegetation. Avoid direct spray contact with green, thin, or uncalloused bark of desirable vegetation or plant injury may result. If desirable vegetation is contacted, rinse the sprayed portion with water immediately.

This product works best when weeds are actively growing. Weed control may be reduced when applications are made to weeds under stress due to drought or cool temperatures. Weeds under stress or in dense populations will require application at the highest rate specified. Refer to the How to Apply section of this label.

Refer to the How to Apply section of this labeling for specified treatment rates and a list of weeds controlled. Applications may be made on a broadcast, banded or spot basis depending on the situation. Avoid direct spray or drift to desirable vegetation. Regrowth may occur due to the weed stage of growth at application, low use rate, or environmental conditions. Repeat treatments may be necessary to control plants generating from underground parts or seed.

### WEED RESISTANCE MANAGEMENT

For resistance management, SURMISE® SPEEDPRO XT contains a Group 10, Group 27, and Group 2 herbicides. Any weed population may contain or develop plants naturally resistant to SURMISE® SPEEDPRO XT and other Group 10, 27, or 2 herbicides. The resistant biotypes may eventually dominate the weed population if these herbicides are used repeatedly in the same field. Appropriate resistance management strategies should be followed.

Fields should be scouted prior to application to identify the weed species present and their growth stage to determine if the intended application will be effective. Field should also be scouted after application to verify that the treatment was effective.

Contact your local sales representative 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 action for each target weed.

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.

Report any incidence of non-performance of this product against a particular weed species to your Albaugh representative or call 1-800-247-8013 or at [www.albaughLLC.com](http://www.albaughLLC.com). If resistance is suspected, treat weed escapes with an herbicide having a different mode of action and/or use non-chemical means to remove escapes, as practical, with the goal of preventing further seed production.

To delay herbicide resistance, take one or more of the following steps:

- **Diversified approach.** To the extent possible, use a diversified approach towards weed management. Whenever possible, incorporate multiple weed-control practices.
- **Know your weeds.** Identify weeds present by scouting and understand their biology. A weed-control program should consider all of the weeds present.
- **Rotate mechanisms of action.** Difficult to control weeds may require applications of herbicides with differing mechanisms of action.
- **Apply herbicide correctly.** Apply this herbicide at the correct timing and rate to control the most difficult weed in the field.

Contact your local extension specialist or certified crop advisors for additional pesticide resistance-management and/or integrated weed-management directions for specific weed biotypes.

Contact your local sales representative, crop advisor, or extension agent to find out if suspected resistant weeds to these MOAs have been found in your region. **DO NOT** assume that each listed weed is being controlled by multiple mechanisms of action. Co-formulated active ingredients are intended to broaden the spectrum of weeds that are controlled. Some weeds may be controlled by only one of the active ingredients in this product.

### RESTRICTIONS

Operations that involve mixing, loading, rinsing, or washing of this product into or from pesticide handling or application equipment or containers within 50 feet of any well are prohibited unless conducted on an impervious pad constructed to withstand the weight of the heaviest load that may be positioned on or moved across the pad. Such a pad shall be designed and maintained to contain any product spills or equipment leaks, container or equipment rinse or washwater, and rainwater that may fall on the pad. Surface water shall not be allowed to flow over or from the pad, which means the pad must be self-contained. The pad shall be sloped to facilitate material removal.

An unroofed pad shall be of sufficient capacity to contain, at a minimum, 110% of the capacity of the largest pesticide container or application equipment on the pad.

A pad that is covered by a roof of sufficient size to completely exclude precipitation from contact with the pad shall have a minimum containment capacity of 100% of the capacity of the largest pesticide container or application equipment on the pad.

Containment capacities as described above shall be maintained at all times. The above specific minimum containment capacities do not apply to vehicles when delivering pesticide shipments to the mixing/loading site. States may have in effect additional requirements regarding wellhead setbacks and operational containment.

**DO NOT** apply this product through any type of irrigation.

Product must be used in a manner which will prevent back-siphoning in wells, spills, or improper disposal of excess pesticide spray mixture.

## WHERE TO APPLY

For outdoor use only.

When applied as a spot or directed spray application, this product controls annual and perennial weeds listed on this label in non-crop areas including: Industrial sites, Petroleum tank farms, Pumping stations, around Education buildings, Lumberyards, Manufacturing sites, Storage areas, Airports, Roadsides, Curbs, Sidewalks, Driveways, Parking areas, Brick walks, Gravel paths, Patios, Vacant lots, Paved areas including cracks and crevice), Warehouse areas, Urban areas, Play areas, Tennis courts, Fencerows, along fences of paddocks, Hedgerows, Dry ditchbanks, around Domestic dwellings, Shelter beds, dog kennels, under trees.

### Trimming and Edging

This product may be used for trimming and edging landscape areas including: around individual trees and shrubs, landscape beds, foundations, fences, driveways, paths, and parking areas; also, on golf courses along cart paths, around sign and light posts, and around sand traps.

## WHEN TO APPLY

This product is a foliar-active material. Best results are obtained when weeds are actively growing. Apply on a sunny day with temperatures above 60° F. Weed control may be reduced when applications are made to weeds under stress due to drought or cool temperatures. Weeds under stress or in dense populations will require application of the highest rate specified. Refer to the How to Apply section of this label.

This product must be applied at the rate specified in the How to Apply section of this label. Repeat applications of this product may be needed to control weeds emerging from underground parts or seeds.

## HOW TO MIX

This product must be mixed with water to make a finished spray solution as follows:

1. Fill the spray tank with the required amount of water.
2. Add the proper amount of this product, then mix thoroughly.

## USE RESTRICTIONS

1. **DO NOT** apply directly to or allow drift to contact desirable green tissue or green, thin, or uncalloused bark of desirable vegetation.
2. **DO NOT** apply to weeds when wet from dew, rain or water.
3. **DO NOT** apply if rainfall is expected within 2 hours.
4. Apply in a minimum of 10 gallons spray / acre
5. **DO NOT** apply to golf course putting greens or tees
6. **DO NOT** apply North of North Dakota Highway 13 or Minnesota Highway 10.
7. **DO NOT** apply directly to landscape ornamentals or ornamental beds.
8. **DO NOT** apply more than 75.0 Fl. Oz. (2.4 Quarts) (0.52 lbs glufosinate ai, 0.52 lbs nonanoic acid ai, 0.158 lbs imazethapyr ai) per acre per year.
9. **DO NOT** apply more than 35.5 Fl. Oz. (1.1 Quarts) (0.24 lbs glufosinate ai, 0.24 lbs nonanoic acid ai, 0.075 lbs imazethapyr ai) per acre per application.
10. **DO NOT** apply more than a total of 2 broadcast applications (excluding spot treatments) per year.
11. **DO NOT** make more than 3 spot applications (same spot no greater than 1000 sq. ft.) per year.
12. The minimum retreatment interval is 14 days.
13. **DO NOT** make broadcast application to residential lawns, make spot treatments only.
14. Spot treatment to residential lawns is limited to 1000ft<sup>2</sup> per acre. **DO NOT** apply more than 4.5 Fl. Oz. (0.031 lbs glufosinate ai, 0.031 lbs nonanoic acid ai, 0.009 lbs. imazethapyr ai) / spot treatment.
15. **DO NOT** apply this product through any type of irrigation system.
16. **DO NOT** apply to soils classified as sand with less than 1% organic matter
17. **DO NOT** allow grazing of vegetation treated with this product or feed livestock forage cut from treated areas.
18. **DO NOT** spray plants or grasses you like- they will die. Avoid spray contact of green plant stems or green bark of young trees and shrubs. Not recommended for spot weed control in lawns since this product kills lawn grasses.

## HOW TO APPLY

### Hand-Held Equipment

Thorough saturation of the foliage and stems is required for control, but stop sprays when run-off from weed leaves occurs. Use low spray pressure to reduce foaming and avoid contact with desirable plants. Most spray nozzles are designed to operate at 10 to 15 psi and provide uniform spray coverage of weeds.

### Directed Spray Equipment

Use a shielded sprayer to prevent spray contact on desirable plants.

### Spot or Directed Applications

This product may be used as a spot or directed spray application. Spray undesirable vegetation foliage on a spray-to-wet basis. **DO NOT** apply beyond runoff. Ensure uniform and complete coverage. Use a coarse spray. **DO NOT** spray during windy conditions. Backpack, pump-up, and hydraulic sprayers may be used. Thoroughly clean the sprayer following use.

**Table 1. Amount of this product added to water to make 1, 10, or 25 gallons of spray solution at dosages of 2.5 to 5.0%.**

% solution	Volume of Spray Solution		
	1 Gallon	10 Gallons	25 Gallons
	Amount of this product		
2.5	3.2 Fl. Oz. (0.022 lbs glufosinate ai, 0.022 lbs nonanoic acid ai, 0.007 lbs imazethapyr ai)	1 Quart (0.22 lbs glufosinate ai, 0.22 lbs nonanoic acid ai, 0.07 lbs imazethapyr ai)	2.5 Quart (0.55 lbs glufosinate ai, 0.55 lbs nonanoic acid ai, 0.169 lbs imazethapyr ai)
5.0	6.4 Fl. Oz. (0.044 lbs glufosinate ai, 0.044 lbs nonanoic acid ai, 0.0135 lbs imazethapyr ai)	2 Quart (0.44 lbs glufosinate ai, 0.44 lbs nonanoic acid ai, 0.013 lbs imazethapyr ai)	5 Quart (1.1 lbs glufosinate ai, 1.1 lbs nonanoic acid ai, 0.338 lbs imazethapyr ai)

### Broadcast or Boom Applications

Apply 18.75 - 37.5 Fl. Oz. (0.13-0.26 lbs glufosinate ai, 0.13-0.26 lbs nonanoic acid ai, 0.0395-0.0791 lbs imazethapyr ai) per acre depending upon the weed and stage of growth as shown in the following sections. Use a minimum of 20 gallons of water per acre with spray pressures no greater than are required to obtain adequate plant coverage

**Table 2. Rates for Postemergence Weed Control.**

Weed Size and Stage	Spot / Directed Spray Application (% solution)	Broadcast Applications (Fl. Oz.)
Weeds < 6 inches in height, pre-tiller grasses	2.5	18.75 (0.13 lbs glufosinate ai, 0.13 lbs nonanoic acid ai, 0.0395 lbs imazethapyr ai)
Weeds > 6 inches in height and / or grasses that have tillered	5.0	37.5 (0.26 lbs glufosinate ai, 0.26 lbs nonanoic acid ai, 0.0791 lbs imazethapyr ai)

## WEEDS CONTROLLED

<b>Broadleaf Weeds</b>	
Algae	Mugwort
Bittercress, hairy	Mustards
Bindweed	Mullein
Buffalobur	Nettle
Burdock	Nightshade
Canada thistle	Nimblewill
Chickweed, common, mouse-ear	Oxalis
Clover	Pansy, wild
Cocklebur, common	Pennycress, field
Corn spurry	Pigweed, red root
Dandelion	Plantain
Dock, curly	Pigweed, smooth, redroot
Dogbane, hemp	Pokeweed
Filaree	Prickly lettuce
Fleabane, annual	Purslane
Groundsel	Ragweed, common
Goldenrod	Rocket, yellow
Heath aster, white	Russian thistle
Henbit	Shepherd's purse
Horsetail	Smartweed
Jimsonweed	Sorrel, sheep
Kochia	Sowthistle, annual
Lambsquarters, common	Spurge, spotted
Leafy spurge	Thistle, musk
Liverwort	Velvetleaf
London rocket	Vervain
Mallow, roundleaved	Virginia copperleaf
Malva (little mallow)	Wild buckwheat
Marestail	Wild mustard
Moneywort	Wild onion
Morningglory, annual	Wild turnip
Moss	Woodsorrel

*(continued)*



**WEEDS CONTROLLED (cont.)****Grassy Weeds and Sedges**

Bahiagrass	Dallisgrass
Barley	Fall panicum
Barnyardgrass	Fescue, creeping red, hard
Bentgrass, colonial	Foxtail, giant, green, yellow
Bermudagrass (wireweed)	Goosegrass
Bluegrass, annual	Nimblewill
Bromegrass, downy, smooth	Nutsedge, yellow
Carpetgrass	Onion, wild
Crabgrass, large	Rygrass, perennial
Cupgrass	Star-of-Bethlehem

**Brush Suppressed or Controlled\***

Blackberry	Poison ivy
Deer brush	Poison oak
Douglas fir	Roundleaf greenbriar
Gallberry	Salmonberry
Hazel	Sumac
Honeysuckle	Sweetgum
Huckleberry	Thimbleberry
Maple	Trumpetcreeper
Multiflora rose	Vine maple
Oak	Western red cedar
Pine	

\* Not for use in California

# STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Keep from freezing. **DO NOT** store below 32°F.

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

## **CONTAINER HANDLING:**

**Nonrefillable Container. DO NOT** reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying; then offer for recycling, if available, or reconditioning, if appropriate, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

**Triple rinse containers small enough to shake (capacity < 5 gallons) as follows:** Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container  $\frac{1}{4}$  full of water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank, or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

**Triple rinse containers too large to shake (capacity > 5 gallons) as follows:** Empty the remaining contents into application equipment or a mix tank. Fill the container  $\frac{1}{4}$  full of water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank, or store rinsate for later use or disposal. Repeat this procedure two more times.

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

## **IMPORTANT: READ BEFORE USE**

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following Conditions, 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. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Prime Source, a division of Albaugh LLC. All such risks shall be assumed by the user or buyer.

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