



Supplemental Label

(pending approval in California)

LIFELINE[®] herbicide

(EPA Reg. No. 70506-310)

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Follow all applicable directions, restrictions and precautions on the federally-registered label.

This label must be in the possession of the user at the time of pesticide application.

DIRECTIONS FOR NONCROP USE

This Supplemental Label contains new or supplemental instructions for use of this product which do not appear on the package label. Follow the instructions carefully. This label must be in the possession of the user at the time of pesticide application.

This supplemental label expires December 3, 2021 and must not be used or distributed after this date.

ACTIVE INGREDIENT:

Glufosinate-ammonium (CAS No. 77182-82-2) 24.5%*

OTHER INGREDIENTS: 75.5%

TOTAL:..... 100.0%

*Equivalent to 2.34 pounds of active ingredient per U.S. 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.)



Supplemental Label

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION. Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing.

AGRICULTURAL USE REQUIREMENTS

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

Do not enter or allow worker entry into treated areas during the restricted entry-interval (REI) of 12 hours with the following exceptions:

- Canola, field corn, and soybean scouting – REI of 4 days
- Do not move irrigation pipe within 7 days of an application for any crop.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: coveralls worn over shortsleeved shirt and short pants; chemical resistant gloves such as barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, polyvinyl chloride (PVC) ≥ 14 mils, or Viton® ≥ 14 mils; chemical resistant footwear plus socks; protective eyewear (goggles, face shield or safety glasses).

NON AGRICULTURAL USE REQUIREMENTS

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



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NONCROP USES

LIFELINE Herbicide is a non-selective 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. 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 LIFELINE Herbicide occur within 2 to 4 days after application under good growing conditions.

This product is non-selective 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 or drift onto green, thin, or uncalloused bark of desirable vegetation or plant injury may result. If desirable vegetation is contacted, rinse with sprayed portion with water immediately.

WHERE TO APPLY

Trimming and Edging

LIFELINE Herbicide 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. For control of weeds emerging from seed, the use of LIFELINE Herbicide in a tank mix with pre-emergence herbicides is advised. If spraying in areas adjacent to desirable plants, use a shield made of cardboard, plywood, or sheet metal while spraying to help prevent spray from contacting foliage of desirable plants.

Public and Recreational Areas

When applied as a spot or directed spray application, this product controls annual and perennial weeds listed on this label in areas including: airports, commercial plants, storage and lumber yards, educational facilities, fence lines, ditch banks, dry ditches, schools, parking lots, tank farms, pumping stations, and parks.

Dormant Bermudagrass

LIFELINE Herbicide may be used to control winter annual weeds in well-established ornamental dormant hybrid or common Bermudagrass. **Apply only when the turf is fully dormant and weather is cool, and prior to spring green-up or severe turfgrass injury or delayed green-up may occur.** For best results, apply LIFELINE Herbicide at a rate of 48 – 72 fl oz (0.88 – 1.32 lbs. ai)/A after most weeds have germinated and are in an early growth stage. Applications of LIFELINE Herbicide may also be used to suppress or control target biennial or perennial weeds. Avoid high volume and spot applications where spray volume exceeds 80 gallons per acre or injury or delayed green-up may occur.

Restrictions for Dormant Bermudagrass

- Do not apply more than 72 fl oz (1.32 lbs. ai)/A in a single application
- Do not apply more than 72 fl oz (1.32 lbs. ai)/A per year for this use.
- Do not make more than one application per year.

Ornamentals and Christmas Trees

When applied as advised by this label, this product may be used for the control of undesired vegetation in site preparation prior to planting, around and within shade and greenhouses, and as a directed spray around containers and field-grown established ornamentals and Christmas trees.

Ornamentals and Christmas Trees Restrictions

- DO NOT apply directly to or allow drift to contact desirable green tissue or green, thin, or uncalloused bark of desirable vegetation or injury may result.
- DO NOT apply LIFELINE Herbicide as an over-the-top broadcast spray in ornamentals and shade or Christmas trees.

For pre-plant site preparation applications for control of annual and perennial weeds listed on this label, in ornamental and Christmas tree plantings, ornamental and Christmas trees may be planted into the treated area after the restricted entry interval (REI) of 12 hours has elapsed.

LIFELINE Herbicide may be used between and around containers and in site preparation for new plantings, and to control in-row weeds in field-grown wood plants. Apply LIFELINE Herbicide as a directed spray.

For greenhouse and shade house applications where LIFELINE Herbicide is used to control weeds, air circulation fans must be turned off during application. Apply LIFELINE Herbicide as a directed spray, using large droplet and low-pressure type nozzles. Avoid drift and direct contact with desirable vegetation.

Greenhouse and Shadehouse Restrictions

- Do not use in greenhouses or shade houses containing edible crops.

WHEN TO APPLY

LIFELINE Herbicide is a foliar-active material and 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 of the highest rate indicated. Always apply at the labeled rate. Repeat applications or tank mixes of LIFELINE Herbicide plus one or more appropriate residual herbicides will be needed to control weeds emerging from underground parts or seeds. When tank mixing with other herbicides, follow the label with the most restrictive directions for use and precautions. No label dosage rates may be exceeded.

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 weeds generating from underground parts or seeds.

APPLICATION DIRECTIONS

Applications may be made as a broadcast, banded or spot treatment basis depending on the situation.

Application Method	Use Rate	Directions	Restrictions
Spot or Directed Applications	1 to 2 fl oz (0.02 to 0.04 lbs ai) Per gallon of water	Use rate depends on weed species being controlled. Spray undesirable vegetation foliage on a spray-to-wet basis. Ensure uniform and complete coverage. Use a coarse spray. Backpack, pump-up, and hydraulic sprayers may be used. Thoroughly clean the sprayer following use.	Do not apply beyond runoff. Do not spray during windy conditions. Do not exceed single maximum and yearly maximum broadcast use rates.
Broadcast or Boom Applications	48 – 72 fl oz (0.88 to 1.32 lbs ai)	Use rate depends on weed species being controlled. Use 30-psi spray pressure minimum. For smaller weeds 3 inches or less, use the	Do not apply more than 72 fl oz (1.32 lb ai)/A in any single application. Do not apply more than once per year. Do not

	per Acre in a minimum of 40 gallons of water	lower rate. For weeds 6 inches or less use the upper end of the rate range.	apply more than 72 fl oz (1.32 lb ai)/A in a single year.
Aerial Applications	48 - 72 fl oz (0.88 to 1.32 lbs ai) per Acre in a minimum of 5 gallons of water	Use rate depends on weed species being controlled. For smaller weeds 3 inches or less, use the lower rate. For weeds 6 inches or less use the upper end of the rate range. See Mandatory Spray Drift Mitigation Section. Drift control additives may be used. If a drift control additive is used, observe and follow all directions and precautions as specified on the additive label.	Do not apply more than 72 fl oz (1.32 lb ai)/A in any single application. Do not apply more than once per year. Do not apply more than 72 fl oz (1.32 lb ai)/A in a single year.

WEEDS CONTROLLED

BROADLEAF WEEDS		Spot Application	Broadcast Application
Chickweed	London rocket	Apply 1 – 2 fl oz (0.02 – 0.04 lb ai)/gallon of water	Apply 48 – 72 fl oz (0.88 – 1.32 lb ai) /A
Clover	Malva (little mallow)		
Common cocklebur	Marestail		
Filaree	Purslane		
Jimsonweed	Shepherdspurse		
Kochia	Smartweed		
GRASSES AND SEDGES		Spot Application	Broadcast Application
Barnyardgrass	Lovegrass	Apply 1 – 2 fl oz (0.02 – 0.04 lb ai)/gallon of water	Apply 48 – 72 fl oz (0.88 – 1.32 lb ai) /A
Cupgrass	Shattercane		
Fall panicum	Smallflower Alexandergrass (Signalgrass)		
Giant foxtail	Stinkgrass		
Goosegrass	Windgrass		
Green foxtail	Yellow foxtail		
Johnsongrass (rhizome)			

BROADLEAF WEEDS		Spot Application	Broadcast Application
Annual sowthistle	Pennycress	Apply 1 – 2 fl oz (0.02 – 0.04 lb ai)/gallon of water	Apply 48 – 72 fl oz (0.88 – 1.32 lb ai) /A
Bindweed	Pigweed, redroot		
Buffalobur	Plantain		
Burdock	Prickly lettuce		

Canada thistle	Ragweed		
Curly dock	Russian thistle		
Dandelion	Tansy mustard		
Dogbane (hemp)	Velvetleaf		
Field gromwell	Vervain		
Fleabane	Virginia copperleaf		
Goldenrod	White heath aster		
Horsetail	Wild buckwheat		
Lambsquarters	Wild mustard		
Leafy spurge	Wild onion		
Mugwort	Wild rose		
Must thistle	Wild turnip		
Nettle	Woodsorrel		
Nightshade	Yellow rocket		
GRASSES AND SEDGES		Spot Application	Broadcast Application
Annual bluegrass	Nutsedge	Apply 1 – 2 fl oz (0.02 – 0.04 lb ai)/ gallon of water	Apply 48 – 72 fl oz (0.88 – 1.32 lb ai) /A
Bahiagrass	Paragrass		
Barley	Quackgrass		
Bermudagrass	Ryegrass		
Carpetgrass	Sandbur		
Crabgrass	Smooth bromegrass		
Dallisgrass	Torpedograss		
Downy bromegrass	Vaseygrass		
Fescue	Wheat		
Guineagrass	Wild oat		
Kentucky bluegrass			

Use Notes

1. Use higher rates within the specified rate range for weed sized listen when vegetation cover is sense or when weeds are growing under stressed conditions such as drought or when average temperatures are below 50°F.
2. The addition of 8.5 to 17 pounds of ammonium sulfate (spray grade) per 100 gallons of water (1 to 2% by weight) or 2 to 4 pounds of ammonium sulfate per acre may improve the level of weed control.

MIXING INSTRUCTIONS

LIFELINE Herbicide must be mixed with water to make a finished spray solution. Fill the spray tank 1/2 to 3/4 full with water, start agitation, add the appropriate amount of LIFELINE Herbicide then add remaining water to fill tank. Mix thoroughly.

RESTRICTIONS

- **DO NOT** apply this product through an irrigation system.
- **DO NOT** apply directly to or allow drift to contact desirable green tissue or green, thin, or uncalloused bark of desirable vegetation.
- **DO NOT** allow grazing of vegetation treated with LIFELINE Herbicide.

PRECAUTIONS

LIFELINE Herbicide is rainfast in a minimum of one-half hour and an average of 4 hours after application depending upon weed species, environmental conditions, and herbicide application rate.

Plants may be safely planted into LIFELINE Herbicide treated areas after spray has dried.

TANKMIXING

LIFELINE Herbicide is compatible in tank mixes with many other herbicides. When tank mixing LIFELINE Herbicide with other herbicides, follow the label with the most restrictive directions for use and precautions. No label dosage rates may be exceeded. 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.

A compatibility test must be conducted with any potential tank mix partner. Using a clear glass quart jar, conduct the test as described below:

1. Fill the jar three-quarters full with water.
2. Add the appropriate amount of herbicide in the following order: (a) dry flowable, (b) wettable powder, (c) aqueous suspensions, (d) flowables, (e) liquids and (f) solutions and emulsifiable or liquid concentrates. Shake or gently stir jar after each addition to thoroughly mix.
3. After adding all ingredients, let the mixture stand for 15 minutes and then look for separation, large flakes, precipitates, gels, and heavy oily film on the jar or other signs of incompatibility.
4. If the compatibility test shows signs of incompatibility, do not tank mix the product tested with LIFELINE Herbicide.

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