Complete Directions for Use

A broad-spectrum postemergence herbicide for aquatic and industrial, turf, ornamental, forestry, roadside, utility rights-of-way, select crops and other listed terrestrial weed control.

(For a complete list of aquatic and terrestrial use sites, see the Directions for Use section of this label.)

AVOID CONTACT OF THIS HERBICIDE WITH FOLIAGE, GREEN STEMS, EXPOSED NON-WOODY ROOTS OR FRUIT OF CROPS, DESIRABLE PLANTS AND TREES, AS SEVERE PLANT INJURY OR DESTRUCTION COULD RESULT.

ACTIVE INGREDIENT:
*Glyphosate, N-(phosphonomethyl)glycine, in the form of its isopropylamine salt ............ 53.8%
OTHER INGREDIENTS ............................................................................................................. 46.2%
............................................................................................................................................. 100.0%

*Contains 648 grams of the active ingredient glyphosate, in the form of its isopropylamine salt per liter, or 5.4 pounds per U.S. gallon, which is equivalent to 480 grams of the acid, glyphosate, per liter or 4.0 pounds per U.S. gallon (39.9% by weight).

Keep out of reach of children

CAUTION

Please refer to booklet for additional precautionary statements and directions for use.

Not all products listed on this label are registered for use in California. Check the registration status of each product in California before using.

THIS IS AN END-USE PRODUCT. BAYER CROPSCIENCE LP DOES NOT INTEND AND HAS NOT REGISTERED IT FOR REFORMULATION. REPACKAGING OF THIS PRODUCT FOR DISTRIBUTION OR SALE MAY BE CONDUCTED ONLY UNDER THE TERMS OF A WRITTEN CONTRACT WITH BAYER CROPSCIENCE LP.

FOR PRODUCT INFORMATION OR ASSISTANCE USING THIS PRODUCT, CALL TOLL-FREE, (800) 331-2867

IN CASE OF AN EMERGENCY INVOLVING THIS PRODUCT OR FOR MEDICAL ASSISTANCE, CALL COLLECT, DAY OR NIGHT, (800) 334-7577

EPA Reg. No. 524-343
Packed for:
BAYER CROPSCIENCE LP
800 N. LINDBERGH BLVD.
ST. LOUIS, MISSOURI, 63167 U.S.A.
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1.0 INGREDIENTS

ACTIVE INGREDIENT:
Glyphosate, N-(phosphonomethyl)glycine, in the form of its isopropylamine salt. 53.4%

OTHER INGREDIENTS:

*Contains 648 grams of the active ingredient glyphosate, in the form of its isopropylamine salt per liter or 5.4 pounds per U.S. gallon, which is equivalent to 480 grams of the acid, glyphosate, per liter or 4.0 pounds per U.S. gallon (39.3% by weight).

2.0 IMPORTANT PHONE NUMBERS

1. FOR PRODUCT INFORMATION OR ASSISTANCE USING THIS PRODUCT, CALL TOLL FREE: (800) 351-2887
2. IN CASE OF AN EMERGENCY INVOLVING THIS PRODUCT OR FOR MEDICAL ASSISTANCE, CALL COLLECT, DAY OR NIGHT, (800) 354-7577

3.0 PRECAUTIONARY STATEMENTS

3.1 Hazards to Humans and Domestic Animals

KEEP OUT OF REACH OF CHILDREN

DOMESTIC ANIMALS: This product is considered to be relatively nontoxic to dogs and other domestic animals; however, ingestion of this product or large amounts of freshly sprayed vegetation could result in temporary gastrointestinal irritation (vomiting, diarrhea, colic, etc.). If such symptoms are observed, call a veterinarian if symptoms persist for more than 24 hours.

Personal Protective Equipment (PPE)
Applicators and other handlers must wear: long-sleeved shirt and long pants, socks and shoes. Follow manufacturer’s instructions for cleaning/maintaining PPE (Personal Protective Equipment). If there are no instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations:

Users should:
• Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
• Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

3.2 Environmental Hazards

Killing aquatic weeds can result in depletion or loss of oxygen in the water due to decomposition of dead plant material. This oxygen loss can cause fish suffocation. Consult with your State agency with primary responsibility for regulating pesticides before applying to public waters to determine if a permit is required. For terrestrial uses, do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high-water mark, except if applying aerially over the forest canopy. Do not contaminate water when cleaning equipment or disposing of equipment wash water and rinseouts.

3.3 Physical or Chemical Hazards

Spray solutions of this product may be mixed, stored and applied using stainless steel, fiberglass, plastic or plastic-lined steel containers.

4.0 STORAGE AND DISPOSAL

Proper pesticide storage and disposal is essential to protect against exposure to people and the environment due to leaks and spills, excess product or waste, and vandalism. Do not allow this product to contaminate water, foodstuffs, feed or soil by storage and disposal.

PESTICIDE STORAGE: STORE ABOVE 32°F (-1°C) TO KEEP PRODUCT FROM CRYSTALLIZING. Crystals will settle to the bottom. If allowed to crystallize, warm to 68°F (20°C) to redisolve and roll or shake container or recirculate to produce agricultural plants on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decertification, re-certification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 hours.

PPE MAILING: Do not mail treated equipment to treated areas that is permitted under the Worker Protection Standard that involves contact with anything that has been treated, such as plants, soil, or water, to cemeteries, shores plus socks, and chemical-resistant gloves made of any waterproof material.

Non-Agricultural Use Requirements

The requirements in this box only 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. Keep people and pets off treated areas until spray solution has dried.
**CONTAINER HANDLING AND DISPOSAL:** Refillable container. Refill the container with pesticide only. Do not reuse the container for any other purpose.

Cleaning the container before refilling is the responsibility of the refiller. Cleaning the container before final disposal is the responsibility of the person disposing of the container.

To clean the container before final disposal, empty the remaining contents from this container into application equipment or mini-tank. Fill the container with at least 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinse into application equipment or mini-tank collection system. Repeat this rinsing procedure two more times. Then offer this container for recycling, if available.

5.0 PRODUCT INFORMATION

**Product Description:** This product is a postemergence, systemic herbicide that, when mixed in the spray tank with a surfactant that is approved for aquatic use, may be used for both aquatic and terrestrial weed control. This product provides broad-spectrum control of many annual and perennial weeds, woody brush, trees and vines. This product does not control submerged weeds or provide residual weed control in soil. It is formulated as a water-soluble liquid that, unless otherwise directed, requires dilution with water or another carrier and the addition of a surfactant according to label directions and intended use site before application using standard and specialized pesticide application equipment.

**Mechanism of Action:** The active ingredient in this product inhibits an enzyme found only in plants and microorganisms that is essential to the formation of specific amino acids.

**Soil Activity:** This product binds tightly to soil particles and does not provide residual weed control. Weeds must be emerged at the time of application to be controlled by foliar application of this product. Weed seeds in the soil will not be affected by this product and will continue to germinate. Uninjured plant rhizomes and restoratives beneath the soil surface will not be affected by this product.

**Biological Degradation:** Degradation of this product is primarily a biological process carried out by soil microbes.

**Stage of Weeds:** Aquatic weeds must have foliage above the water surface in order to be controlled by this product. On terrestrial sites, annual and perennial weeds are easiest to control when they are small. See the “WEEDS CONTROLLED” section of this label for more information on the control of specific weeds.

**Cultural Considerations:** Reduced weed control could result when this product is applied to weeds that show signs of disease or insect damage, existing in water containing soil sediment is used as carrier. DO NOT MIX THIS PRODUCT WITH WATER FROM PONDS OR DITCHES THAT IS VISIBLY MUDDY OR MURKY. This product mixes readily with water. Make solutions of this product as follows. Begin filling the mixing tank or spray tank with clean water. Add the required amount of this product near the end of the filling process and mix gently. Foaming of the spray solution can occur during mixing. To prevent or minimize foaming, mix gently, terminate by users and return lines at the bottom of the tank. If necessary, add an appropriate anti-foam or defoaming agent to the spray solution.

**Spray Coverage:** For enhanced results, spray coverage must be uniform and complete. Do not spray foliage to the point of runoff.

**Rainfastness:** Rainfast or submergence of aquatic weeds by wave action within 3 hours of application could wash this product off of the foliage and a second application might be needed for acceptable weed control. Refer to specific use sections of this label for additional information on minimum intervals required before re-application of this product.

**Time to Symptoms:** This product moves through the plant from the point of foliage contact and into the root system. Visible effects are a gradual wilting and yellowing of the plant that advances to complete browning of aboveground growth and deterioration of underground plant parts. Effects are visible on most annual weeds within 2 to 4 days, but on most perennial weeds, effects might not be visible for 1 to 6 months after application. Extreme weather conditions can delay weather following application and slow the activity of this product and the delay development of visual symptoms.

**Maximum Application Rates:** The maximum application or use rates stated throughout this label are given in units of volume (fluid ounces or quarts) of this product per acre. However, the maximum allowable application rates apply to this product combined with the use of any and all other herbicides containing the active ingredient glyphosate, whether applied separately or in a tank mixture, on a basis of total pounds of glyphosate (acid equivalents) per acre. If more than one glyphosate containing product is applied to the same site within the same year, you must ensure that the total use of glyphosate (acid equivalents) does not exceed the maximum allowed. See the “INGREDIENTS” section of this label for necessary product information.

**Waste Management Practices:**

**Resistant populations arise when rare individuals are not controlled by a normal dose of a given herbicide under normal environmental conditions. In the absence of other control measures these individuals survive, produce seed, and eventually become the dominant biotype in the field through continuous selection. The best means of reducing this selection is to use diverse weed control practices such as multiple herbicides with different mechanisms of action, and often in combination with various mechanical and cultural practices. To minimize the occurrence of herbicide-resistant biotypes, including those resistant to glyphosate, implement the following weed management practice options that are practical to your situation. These management practices are applicable to reduce the spread of confirmed resistant biotypes (managing existing resistant biotypes) and to reduce the potential for selecting for resistance in new species (proactive resistance management):

- **Use a diversified approach toward weed management focused on preventing weed seed production and reducing the number of weed seeds in the soil.
- **Plant crops into fields that are as weed-free as possible and then keep them as weed-free as possible.
- **Plant soil that is as weed-free as possible,
- **Scout fields and application sites routinely, before and after herbicide application.
- **Use multiple herbicide mechanisms of action that are effective against the most troublesome weeds at your application site and against those with known resistance.
- **Apply herbicides at application rates listed on the label when weeds are within the size range indicated on the label.
- **Emphasize cultural practices that suppress weeds by using crop competitiveness.

6.0 WEED RESISTANCE MANAGEMENT

Glyphosate, the active ingredient in this product, is a Group 9 herbicide based on the mechanism of action classification system of the Weed Science Society of America. Any weed population can contain plants that are naturally resistant to Group 9 herbicides. Weeds resistant to Group 9 herbicides can be effectively managed by using another herbicide from a different Group (other than glyphosate). If a combination (either alone or in a mixture according to label directions), by using other cultural or mechanical methods of weed control, or a combination of the two. Consult your local company representative, state cooperative extension agent, professional consultant or other qualified authority to determine appropriate actions for controlling specific resistant weeds.

6.1 Weed Management Practices

Resistant populations arise when rare individuals are not controlled by a normal dose of a given herbicide under normal environmental conditions. In the absence of other control measures these individuals survive, produce seed, and eventually become the dominant biotype in the field through continuous selection. The best means of reducing this selection is to use diverse weed control practices such as multiple herbicides with different mechanisms of action, and often in combination with various mechanical and cultural practices. To minimize the occurrence of herbicide-resistant biotypes, including those resistant to glyphosate, implement the following weed management practice options that are practical to your situation. These management practices are applicable to reduce the spread of confirmed resistant biotypes (managing existing resistant biotypes) and to reduce the potential for selecting for resistance in new species (proactive resistance management):

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- **Plant crops into fields that are as weed-free as possible and then keep them as weed-free as possible.
- **Plant soil that is as weed-free as possible,
- **Scout fields and application sites routinely, before and after herbicide application.
- **Use multiple herbicide mechanisms of action that are effective against the most troublesome weeds at your application site and against those with known resistance.
- **Apply herbicides at application rates listed on the label when weeds are within the size range indicated on the label.
- **Emphasize cultural practices that suppress weeds by using crop competitiveness.

**DO NOT MIX, STORE OR APPLY THIS PRODUCT OR SPRAY SOLUTIONS OF THIS PRODUCT ON GYPSIFEROUS STEEL OR UNPAINTED STEEL (EXCEPT STAINLESS STEEL) CONTAINERS OR SPRAY TANKS.**

Utilize any risk of spiking the contents of the tank back into the carrier source while mixing. Use approved anti-back-siphoning devices where required by state or local regulations. A 50-mesh nozzle screen or line strainer on the spray equipment is adequate. Clean sprayer parts promptly after using this product by thoroughly flushing with water.

7.0 MIXING

Spray solutions of this product may be mixed, stored and applied using clean stainless steel, fiberglass, plastic or plastic-lined steel containers. DO NOT MIX THIS PRODUCT WITH WATER FROM PONDS OR DITCHES THAT IS VISIBLY MUDDY OR MURKY. This product mixes readily with water. Make spray solutions of this product as follows. Begin filling the mixing tank or spray tank with clean water. Add the required amount of this product near the end of the filling process and mix gently. Foaming of the spray solution can occur during mixing. To prevent or minimize foaming, mix gently, terminate by users and return lines at the bottom of the tank. If necessary, add an appropriate anti-foam or defoaming agent to the spray solution.

7.1 Mixing with Water

**PERFORMANCE OF THIS PRODUCT CAN BE SIGNIFICANTLY REDUCED IF WATER CONTAINING SOIL SEDIMENT IS USED AS CARRIER. DO NOT MIX THIS PRODUCT WITH WATER FROM PONDS OR DITCHES THAT IS VISIBLY MUDDY OR MURKY.** This product mixes readily with water. Make spray solutions of this product as follows. Begin filling the mixing tank or spray tank with clean water. Add the required amount of this product near the end of the filling process and mix gently. Foaming of the spray solution can occur during mixing. To prevent or minimize foaming, mix gently, terminate by users and return lines at the bottom of the tank. If necessary, add an appropriate anti-foam or defoaming agent to the spray solution.

7.2 Surfactant

**DO NOT MIX, STORE OR APPLY THIS PRODUCT OR SPRAY SOLUTIONS OF THIS PRODUCT ON GYPSIFEROUS STEEL OR UNPAINTED STEEL (EXCEPT STAINLESS STEEL) CONTAINERS OR SPRAY TANKS.** Utilize any risk of spiking the contents of the tank back into the carrier source while mixing. Use approved anti-back-siphoning devices where required by state or local regulations. A 50-mesh nozzle screen or line strainer on the spray equipment is adequate. Clean sprayer parts promptly after using this product by thoroughly flushing with water.
This product may be applied using the following equipment:

### Aerial Application Equipment
- Fixed-wing and helicopter
- Ground Application Equipment
  - Backpack sprayers
  - Pump-up pressure sprayers
  - Handheld sprayers
  - Oscillating boom sprayers
- Aerial application equipment

### Equipment Requirements
- Aerosol or non-ionic surfactants are approved for use with this product. Check with your local State agency with primary responsibility for regulating pesticides for additional information about surfactants that are approved for aquatic use.
- Resuspend the mixture before resuming application.
- Maintain gentle agitation at all times until the contents of the tank are sprayed out. If the spray mixture is allowed to settle, agitate thoroughly to resuspend the mixture before resuming application.
- Application equipment must be capable of delivering biological liquids (this product); nonionic surfactants. Ensure that the tank-mix products are well mixed in the spray solution before adding this product.
- Use colorants and marking dyes may be added to spray solutions of this product; nonionic surfactants. Ensure that the tank-mix products are well mixed in the spray solution before adding this product.
- When a drift reduction additive is used, read and carefully follow all precautions, limitations and all other information appearing on the product label. The use of drift reduction additives can affect spray coverage, which could result in reduced weed control.
- Except wiper applicators, sponge bars and controlled droplet applicators (CDA). However, they could reduce the performance of this product. Use colorants and marking dyes according to the manufacturer’s directions.
- Avoid drift. Use extreme care to prevent injury to desirable plants and crops when applying this product.
- Avoid irrigation equipment capable of delivering biological liquids (this product); nonionic surfactants. Ensure that the tank-mix products are well mixed in the spray solution before adding this product.
- Source: EPA Registration Label
Orienting nozzles so that the spray is released increasing drift potential (higher wind, smaller droplets, etc.)

The path of the aircraft upwind. Increase the swath adjustment distance with be displaced downwind. Therefore, on the upwind and downwind edges of When an application is made in the presence of a crosswind, the swath will be displaced downwind. Do not apply this product if the application is made improperly or under unfavorable environmental conditions, such as in windy, high temperature and humidity, and/or inversion conditions as described below.

Controlling Droplet Size

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

• Pressure: Operate at a spray pressure lower than the lower end of the range listed for the nozzle. Higher pressure reduces droplet size and does not improve canopy penetration. When higher flow rates are used, use higher nozzle rates instead of increasing pressure.

• Number of nozzles: Use the minimum number of nozzles that provides uniform coverage.

• Nozzle orientation: Orienting nozzles so that the spray is released backwards, parallel to the air stream, will produce larger droplets than other orientations. Significant deflection from the horizontal will reduce droplet size and increase drift potential.

• 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-droplet nozzles. Solid stream nozzles oriented straight back produce larger droplets than other nozzle types.

• Boom length: For some use patterns, reducing the effective boom length to less than 1/4 of the wingspan or rotor length can further reduce drift without reducing output.

• Application height: Application must be made at a height of 10 feet or less above the top of the tallest plants, unless a greater height is required for aircraft safety. Slowing the application at the lowest height that is safe reduces the exposure of the droplets to evaporation and wind.

Swath Adjustment

When an application is made in the presence of a crosswind, the swath will be displaced downward. Therefore, on the upwind and downwind edges of the field, the applicator must compensate for this displacement by adjusting the path of the aircraft upward. Increase the swath adjustment distance with increasing drift potential.

Wild

Drift potential is lowest at wind speeds of between 2 and 10 miles per hour. However, many factors, including droplet size and equipment type, determine drift potential at any given wind speed. Avoid application when wind speeds are below 2 miles per hour due to variable wind direction and high inversion potential. NOTE: Local terrain can influence wind patterns. Every applicator must be familiar with local wind patterns and how they affect drift.

Temperature and Humidity

When making an application in low relative humidity, set application equipment to produce larger droplets to compensate for evaporation. Droplet evaporation is most severe when conditions are both hot and dry.

Application height:

• Application height:

• Number of nozzles:

• Pressure:

• Wind:

For some use patterns, reducing the effective boom length to 3/4 the length of the wingspan or rotor.

For the appropriate concentration of this product in the spray solution and a spray-to-wet technique; do not spray to the point of runoff. As the weed density increases, increase the spray volume toward the upper end of this range to ensure complete coverage. Use nozzles that will avoid generating a fine mist. For enhanced results with ground application equipment, use fan-flat nozzles. Check spray pattern for uniform distribution of spray droplets.

Aerial Application Equipment

Aerial application of this product is limited to pilots who have successfully completed a Fresno County Agricultural Commissioner and California Department of Pesticide Regulation approved training program for aerial application of pesticides. All aircraft must be inspected, critiqued in flight, and certified at a Fresno County Agricultural Commissioner approved fly-in test and calibrate spray equipment at intervals sufficient to ensure that proper rates of herbicides and adjuvants are being applied during commercial use. Applicator must document such calibrations and testing. Demonstration of performance at Fresno County Agricultural Commissioner approved fly-in test constitutes such documentation, or other written records showing calculations, and measurements of flight and spray parameters acceptable to the Fresno County Agricultural Commissioner.

Applications at Night – Do not apply this product by air earlier than 30 minutes prior to sunrise and/or later than 30 minutes after sunset without prior permission from the Fresno County Agricultural Commissioner.

For additional information on the proper aerial application of this product in Fresno County, call 1- (800) 331-2867.

8.3 Ground Application Equipment

Apply this product at the appropriate rate as specified on this label in 3 to 40 gallons of water per acre when making a broadcast application using ground application equipment, unless otherwise directed on this label or on separate supplemental labeling or Fact Sheets published for this product. As the weed density increases, increase the spray volume toward the upper end of this range to ensure complete coverage. Use nozzles that will avoid generating a fine mist. For enhanced results with ground application equipment, use flat-fan nozzles. The appropriate concentration of this product in the spray solution and timing of application to control specific weeds, brush, trees, and vines, refer to the “WEEDS CONTROLLED” section of this label.

For control of annual weeds, make application when weeds are small and leaf drop.
Spray Volume

- 15 to 25 gallons/acre

**Method of Application**

<table>
<thead>
<tr>
<th>Spray Solution Concentration</th>
<th>Spray Volume</th>
</tr>
</thead>
<tbody>
<tr>
<td>Handgun or Backpack Sprayer</td>
<td>0.5 to 1.5% by volume</td>
</tr>
<tr>
<td>Low-Volume Directed Spray (Blackmax)</td>
<td>4 to 8% by volume</td>
</tr>
<tr>
<td>Modified High-Volume Spray</td>
<td>1.5 to 5% by volume</td>
</tr>
</tbody>
</table>

Low-volume directed spray application with a backpack sprayer works best when applying to weeds and brush less than 10 feet tall. For taller weeds and brush, a high-volume handgun can be modified by reducing the nozzle size and spray pressure to produce a modified high-volume directed spray application.

**5. Selective Application Equipment**

Selective application equipment allows this product to be applied to weeds growing near a crop or other desirable vegetation without killing the desirable vegetation. Selective application equipment must be capable of preventing all contact of the herbicide solution with the desirable vegetation and operated without spray mist escape, leakage or dripping of the herbicide solution.

**Avoid Contact of This Herbicide with Desirable Vegetation**

Contact of this product with desirable vegetation could result in unwanted plant damage or destruction. To the extent consistent with applicable law, such damage shall be the sole responsibility of the applicator.

This product may be diluted with water and applied using a recirculating sprayer, shielded sprayer, hooded sprayer, wiper applicator or sponge bar to control perennial weeds, woody brush, trees and vines listed on this label. When using a mechanical wiper applicator, adjust the height of the applicator so that the wiper contact of the herbicide solution with desirable vegetation and operated without spray mist escape, leakage or dripping of the herbicide solution.

**Recirculating Sprayer**

A recirculating sprayer directs the spray solution onto weeds growing above desirable vegetation, while spray solution that is not intercepted by weeds is collected and returned to the spray tank for recirculation. A recirculating sprayer may be used to apply spray solutions of this product to weeds listed on this label in any aquatic or on any terrestrial non-crop site described on this label.

**Shielded and Hooded Sprayers**

A shielded sprayer directs the herbicide solution to the target weed while protecting desirable vegetation from coming into contact with the herbicide spray with an impermeable material or shield. Use nozzles that provide uniform coverage within the application area. Keep shields properly adjusted to protect desirable vegetation.

**Wiper Applicator**

A wiper applicator is a device that physically wipes this product or solutions of this product directly onto the weed or cut stump. Any handheld device that is capable of physically wiping this product or solutions of this product directly onto the target weed or stump, such as a paint brush, may be used. A mechanical wiper applicator, such as a rope or wiper bar that can be drawn through a field or over the top of a crop or other desirable vegetation to control weeds that are taller than the desirable vegetation, must be designed, maintained and operated to prevent the herbicide solution from coming into contact with desirable vegetation.

Wiper applicators may be used over the top of feed crops only if specifically permitted for use over that crop by this label or by separately published supplemental labeling for this product. When using a mechanical wiper applicator, adjust the height of the applicator to ensure adequate contact with the weeds and so that the wiper contact point is at least 2 inches above the crop or desirable vegetation. Enhanced results can be obtained when more of the weed is exposed to the herbicide solution and weeds are a minimum of 6 inches above the desirable vegetation.

**Aquatic and Terrestrial Use Sites**

This product may be used according to the directions for use described on the label in aquatic environments and on any terrestrial site described on this label.
**Aquatic Sites**

This product may be used to control emerged weeds, brush, trees and vines in all water bodies of fresh and salt water. These bodies of water include lakes, rivers, streams, ponds, estuaries, rice levees, swamps, irrigation and drainage ditches, canals, reservoirs, wetlands and other water treatment facilities. This product may also be used to control weeds in intertidal areas below the mean high-water mark and on terrestrial sites where bodies of water may be present and a buffer that will maintain no overspray of the water cannot be maintained.

When applying spray solutions of this product in or near aquatic sites, a nonionic surfactant is labeled for use with herbicides and approved for direct application to bodies of water must be used. See the “MIXING” section of this label for more information on the use of surfactants with this product.

Before using this product for aquatic weed control or for terrestrial weed control near aquatic sites, read the following information carefully.

- This product does not control plants that are completely submerged or have a majority of their foliage under water.
- There is no restriction on the use of water for irrigation, recreation or domestic purposes following direct application of this product to emergent aquatic plants.
- Consult your local State agency with primary responsibility for regulating pesticides, State fish and wildlife agency and/or water control authority before applying this product to vegetation growing in public waters to determine if a permit is required.
- Do not apply this product directly to water within 0.5 mile upstream of an active potable water intake in flowing water (i.e., river, stream, etc.) or within 0.5 mile of an active potable water intake in a standing body of water, such as a lake, pond or reservoir. To make aquatic applications around and within 0.5 mile of active potable water intakes, the water intake must be turned off for a minimum period of 48 hours after the application. The water intake may be turned on prior to 48 hours if the glyphosate level in the intake water is below 0.7 parts per million as determined by laboratory analysis. These aquatic applications may be made ONLY in those cases where there are alternative water sources or holding ponds that would permit the turning off of an active potable water intake for a minimum period of 48 hours after the application. This restriction does NOT apply to intermittent inadvertent overspray of water on terrestrial use sites.
- To achieve maximum weed control in dry ditches, apply this product within 1 day after water drawdown to ensure application to actively growing weeds and allow a minimum of 7 days after application before re-irrigation of water.
- Floating mats of vegetation could require more than one application of this product for control. Avoid washing this product off of foliage after application by boat washdown or rainfall within 4 hours of application. Wait a minimum of 24 hours before re-applying this product to the same vegetation.
- Application of this product to moving bodies of water must be made while traveling upstream to prevent concentration of this herbicide in the water.
- When making a bankside application, do not overspray more than 1 foot into open water.
- Do not apply this product to bodies of water where emerged weeds do not exist.
- If applying this product to more than 20 percent of the total area of a body of water, do not apply more than 3.75 quarts per acre in any single broadcast application. If applying to less than 20 percent of the total area of a body of water, any rate listed on this label may be applied. This single application rate restriction does not apply to stream crossings in utility rights-of-way. When covering the total surface area of an impounded waterbody, apply this product to the emergent vegetation in strips to help avoid oxygen depletion in the water due to decaying vegetation. Oxygen depletion in the water can result in increased fish mortality.

**TANK NOTICES**: This product may be applied in a tank mixture with one or more of the following products for enhanced control of aquatic weeds, woody brush, trees and vines in aquatic sites, provided that the product used is labeled for aquatic use. Refer to the referenced label of an individual product in the tank mixture for approved uses and application rates. Always read and follow label directions for each product in the mix.

**Clipper; Garlon 3A Specialty; Habitat; 2,4-D amine; imazapyr; flusulam; herbicide**

**TERRESTRIAL SITES**

**9.2 Terrestrial Sites**

This product may be used according to the directions for use described on this label to control weeds, woody brush, trees and vines on this product for control. This product requires the addition of a nonionic surfactant to the spray solution and herbicides and approved for direct application to terrestrial sites where bodies of water may be present and a buffer that will maintain no overspray of the water cannot be maintained.

Application of this product to moving bodies of water must be made while traveling upstream to prevent concentration of this herbicide in the water. Floating mats of vegetation could require more than one application of this product in or near aquatic sites, read the following information carefully.

- Application of this product to moving bodies of water must be made while traveling upstream to prevent concentration of this herbicide in the water.

**Floating mats of vegetation could require more than one application of this product for control.**

- Avoid washing this product off of foliage after application by boat washdown or rainfall within 4 hours of application. Wait a minimum of 24 hours before re-applying this product to the same vegetation.
- Application of this product to moving bodies of water must be made while traveling upstream to prevent concentration of this herbicide in the water.
- When making a bankside application, do not overspray more than 1 foot into open water.
- Do not apply this product to bodies of water where emerged weeds do not exist.
- If applying this product to more than 20 percent of the total area of a body of water, do not apply more than 3.75 quarts per acre in any single broadcast application. If applying to less than 20 percent of the total area of a body of water, any rate listed on this label may be applied. This single application rate restriction does not apply to stream crossings in utility rights-of-way. When covering the total surface area of an impounded waterbody, apply this product to the emergent vegetation in strips to help avoid oxygen depletion in the water due to decaying vegetation. Oxygen depletion in the water can result in increased fish mortality.

**TANK NOTICES**: This product may be applied in a tank mixture with one or more of the following products for enhanced control of aquatic weeds, woody brush, trees and vines in aquatic sites, provided that the product used is labeled for aquatic use. Refer to the referenced label of an individual product in the tank mixture for approved uses and application rates. Always read and follow label directions for each product in the mix.

**Clipper; Garlon 3A Specialty; Habitat; 2,4-D amine; imazapyr; flusulam; herbicide**

**ADDITIONAL SITE MANAGEMENT INFORMATION**

The following sections contain additional use information specifically related to certain use sites. Unless otherwise directed, any application of this product described in the “WEEDS CONTROLLED” section or any other section of this label may be made on the use sites described in the sections that follow, where applicable, using any method of application described on this label that is appropriate.

**10.1 Forest, Hardwood and Christmas Tree Site Management**

This product may be used for control or partial control of woody brush, trees and herbaceous weeds on any tree site, including forestry settings, Christmas tree plantations, and Christmas tree nurseries, using any method of application listed on this label. See the “WEEDS CONTROLLED” section of this label for application rates and specific use directions. **“WEEDS CONTROLLED” section of this label for more information on the use of surfactants with this product.**

**ADDITIONAL SITE MANAGEMENT INFORMATION**

**Forest, Hardwood and Christmas Tree Site Management**

This product may be used for control or partial control of woody brush, trees and herbaceous weeds on any tree site, including forestry settings, Christmas tree plantations, and Christmas tree nurseries, using any method of application listed on this label. See the “WEEDS CONTROLLED” section of this label for application rates and specific use directions.

**ADDITIONAL SITE MANAGEMENT INFORMATION**

**Tree Release – Broadcast Application**

This product may be broadly applied over the top of conifer tree species listed in this section after formation of final conifer rooting buds in the fall or prior to initial bud swelling in the spring for control, partial control or suppression of herbaceous weeds and hardwoods listed in the “WEEDS CONTROLLED” section of this label to facilitate the release of these tree species in a forestry plantation or nursery setting. Unless otherwise directed, make this application only where conifers have been established for a minimum of one growing season.
For release of the following conifer species growing for a minimum of one growing season in the southeastern United States, apply 14 to 48 fluid ounces of this product per acre as a broadcast application over the top of the conifer trees.

- Douglas fir
- Hemlock
- California redwood
- Pines
- Spruce

Includes all species except loblolly pine, longleaf pine, shortleaf pine or slash pine.

Apply 24 to 40 fluid ounces of this product for release of Douglas fir, pine and spruce that have been established for only one growing season (except in California).

For release of species (Picea spp.) in Maine, Michigan, Minnesota, New Hampshire and Wisconsin, up to 2.25 quarts of this product may be applied after formation of final rooting beds in the fall for control of woody brush and tree species.

PRECAUTIONS: Ensure that the cutters are well hardened off before application of this product. Some nonionic surfactants can cause tree injury when broad applied over the top of hemlock and California redwood and in lined cover stand filters. Test the nonionic surfactant to be used for tree safety before using.

For release of the following conifer species established for more than one growing season in the southeastern United States, apply 36 to 60 fluid ounces of this product per acre in the fall as a broadcast application over the top of the trees. For release of these species after only one growing season, apply 24 fluid ounces of this product per acre.

- Eastern white pine
- Loblolly pine
- Slash pine
- White pine
- Virginia pine

PRECAUTIONS: Protect desirable plants from the spray solution using shields or coverings made of waterproof material. Take care to avoid contact of spray, dust or mist with foliage, green stems or immature tank of established ornamental species.

- Greenhouse/Shadehouse

This product may be used to control weeds growing in and around greenhouses and shadehouses.

RESTRICTIONS: Desirable vegetation must not be present during application in a greenhouse. Turn air circulation fans off before applying this product inside a greenhouse or shadehouse and leave them off until the application solution has dried.

10.3 Ornamental and Production Nursery Management

All uses of this product described in this label may be used in a plant nursery setting using any method of application described.

This product may be used to clear an area of unwanted vegetation prior to planting any ornamental plant, tree, shrub or other plants.

This product may also be used to control weeds growing around established woody ornamental species, such as arborvitae, scotch, boxwood, crabapple, crape myrtle, yucca, forsythia, fothergilla, lilac, magnolia, maple, oak, poplar, privet, pine, spruce and yew. This product may also be used to trim and edge around planted plants and other objects in a plant nursery.

PRECAUTIONS: Protect desirable plants from the spray solution using shields or coverings made of waterproof material. Take care to avoid contact of spray, dust or mist with foliage, green stems or immature tank of established ornamental species.

This product may also be used to control weeds growing in and around greenhouses and shadehouses.

RESTRICTIONS: Desirable vegetation must not be present during application in a greenhouse. Turn air circulation fans off before applying this product inside a greenhouse or shadehouse and leave them off until the application solution has dried.

10.4 Commercial, Residential and Recreational Area Management

All applications of this product described on this label may be used on commercial, residential and recreational areas, including parks and athletic fields, using any method of application described on this label, including spot treatment of unwanted vegetation, trim-and-edge application around trees, fences, walking paths, buildings, sidewalks, nature trails and other objects in these areas, to eliminate unwanted weeds growing in established shrub and ornamental beds, for turf management and renovation, and to eliminate vegetation from a site prior to development, including prior to planting an area to ornamentals, flowers or turfgrass (used or seed), or before construction projects.

10.5 Pasture Management

The use of this product in pastures includes use on bahiagrass, bermudagrass, bluegrass, brome, fescue, graminea, kikigrass, orchardgrass, pangola grass, ryegrass, timothy, and wheatgrass.

Product, Prenexogen, Pasture Reducer

This product may be applied prior to planting or emergence of forage or perennial grasses. Refer to the “WEEDS CONTROLLED” section of this label for application rates of this product for control of specific weeds.

RESTRICTIONS: If the total application rate of this product is 2.25 quarts per acre or less, no waiting period between application and feeding or livestock grazing is required. If the rate is greater than 2.25 quarts per acre, remove domestic livestock before application and wait a minimum of 8 weeks after application before grazing or harvesting.

Spot Treatment, Wiper Applicator

This product may be applied in pastures as a spot treatment or over the top of desirable grasses using a wiper applicator to control taller growing weeds. For enhanced weed control, remove domestic livestock before application to allow for sufficient plant growth and wait a minimum of 7 days after application before grazing or livestock harvesting. For use with wiper applicators at rates other than 2.25 quarts per acre or less, this product may be applied over the entire pasture or portion of it. At rates greater than 2.25 quarts per acre, this product may be applied over no more than 10 percent of the total pasture at any one time. Application may be repeated in the same area on 30-day intervals.

Weed Suppression in Dormant Pastures

This product may be applied in dormant pastures to suppress competitive growth and seed production of annual weeds and other undesirable vegetation. Apply 1.25 fluid ounces of this product per acre using broadcast application equipment on pastures in late-fall after desirable perennial grasses have reached dormancy or in late-winter before desirable perennial grasses break dormancy and initiate green growth.

PRECAUTIONS: Higher application rates may be used for hard-to-control weeds. However, higher rates can cause stress. Some maturing perennial grasses can occur if broadcast application is made when they are not dormant.

RESTRICTIONS: No waiting period is required between application and grazing or harvesting for feed. Do not apply more than 2.25 quarts of this product per acre per year onto pasture grasses except for renovation. If reseeding is needed due to severe stand reduction, no waiting period is required after application of this product before seeding the pasture grasses listed at the beginning of this section; for all other pasture grasses, wait a minimum at 30 days after application before seeding.

10.6 Railroad Management

All uses of this product described in the “WEEDS CONTROLLED” or any other section of this label may be used on railroad sites using any method of application described.

This product requires a nonionic surfactant that is labeled for the intended use on the site of application to be added to the spray mixture. If application is to be made where aquatic sites might be directly sprayed or inadvertently oversprayed, the surfactant must be labeled for aquatic use. Use of this product without a surfactant will result in reduced performance. See the “MIXING” section of this label for more information on the use of surfactants with this product.

Application of this product along railroad rights-of-way may be made in up to 80 gallons of spray solution per acre.

Bare Ground, Ballast and Shoulders, Crossings, Spot Treatment

This product may be used to maintain bare ground on railroad ballast and shoulders and reduce the need for moving and mechanical brush removal along railroad rights-of-way. Application of this product will result in rapid grasses and forbs continuing to emerge in order to maintain bare ground, up to a maximum total application rate of 8 quarts of this product per acre per year.
TANK MISTURES: This product may be tank-mixed with the following products for use on utility sites, provided that the product is labeled for use on these sites. Not all tank-mix products listed are labeled for aquatic use. Refer to the individual product label for approved uses and application rates. For control of herbaceous weeds, use a lower application rate or spray solution concentration within the given ranges for these tank-mix products and increase the rate or concentration toward the higher end of the ranges for control of these beds or hard-to-control weedy brush, trees and vines.

Alar® 4L; Alar® Nine-O; Arsenical Herbicide Applicators Concentrate; Coverage; Crophopper; Crossbow; Direx 4L; Escort® XP; Garlon 3A; Garlon 3A Specialty; Garlon 4; Garlon 4 Ultra; Garlon 4 Ultra Specialty; Habitat; Hycon® X; Hycon® X-L; Phosam; Quash®; Quint®; Quint® Ultra; Velpar L; Velpar L CU; Velpar L VU; Vastlan Specialty; Xact®; Tordon 101 Mixture Specialty; Tordon 22K Specialty; Tordon V Herbicide Specialty; Transline Specialty; Velpar L CU; Velpar L VU; Velpar Vastlan Specialty; Chlorsulfuron; clomazone; cyhalofop; dicamba; diuron; glufosinate; glyphosate; hexazinone; imazapyr; metsulfuron methyl; penthalon; trifluralin.

Brush, Tree and Vine Control

This product may be used to control woody brush, trees and vines along railroad rights-of-way. Apply 3 to 8 quarts of this product per acre in up to 10 gallons of spray solution containing 0.5% or more by volume of a nonionic surfactant as a broadcast application using either a boom or boomless sprayer. Apply a 0.5% to 1.5% solution of this product when using high-volume application equipment with a spray-to-wet technique, or a 4- to 6%-solution when using low-volume directed spray for spot treatment.

TANK MISTURES: This product may be applied in a tank-mix with one or more of the following products for enhanced control of woody brush, trees and vines along railroad rights-of-way, provided that the product is labeled for use on these sites. Refer to the individual product label for approved uses and application rates.

Alar® 14L; Altrate Nine-O; Arsenical Herbicide Applicators Concentrate; Coverage; Crophopper; Crossbow; Direx 4L; Escort® XP; Garlon 3A Specialty; Garlon 4 Specialty; Garlon 4 Ultra Specialty; Habitat; Hycon® X; Hycon® X-L; Phosam; Quash®; Quint®; Quint® Ultra; Velpar L; Velpar L CU; Velpar L VU; Velpar Vastlan Specialty; Chlorsulfuron; clomazone; cyhalofop; dicamba; diuron; glufosinate; glyphosate; hexazinone; imazapyr; metsulfuron methyl; penthalon; trifluralin.

Weed Control in Dormant and Actively Growing Bermudagrass

This product may be used to control or partially control many annual and perennial weeds in dormant and actively growing bermudagrass along railroad rights-of-way. See the “MIXED CONTROLD” section of this label for instructions on use of this product for weed control in grasses.

10.7 Rangeland Management

This product will control or suppress many annual weeds growing on perennial cool- and warm-season grass rangeland. Slight discoloration of the desirable grasses could occur, but will re-green and resume growth under moist soil conditions as effects of this product wear off. Preventing seed production is critical to the control of invasive annual grasses on rangeland. Yarn application of this product to eliminate invasive annual weeds before they produce seed will help eliminate viable weed seeds from the soil. Delay grazing of the area after application of this product to allow desirable perennial grasses to grow. Row crops may be seeded in the area.

BRONCHO CONTROL: A broadcast application of 9 to 12 fluid ounces of this product per acre will control or suppress downsie brome (Bromus secalinus), annual medic (Medicago calcitrapa),annual foxtail (Setaria viridis), early-flowering corn (Zea mays), and other annual grasses. For enhanced results with side-trimming, apply this product in a tank-mix with a broadleaf herbicide.

TANK MISTURES: This product may be tank-mixed with the following products for use on utility sites, provided that the product is labeled for use on these sites. Not all tank-mix products listed are labeled for aquatic use. Refer to the individual product label for approved uses and application rates. For control of herbaceous weeds, use a lower application rate or spray solution concentration within the given ranges for these tank-mix products and increase the rate or concentration toward the higher end of the ranges for control of these beds or hard-to-control woody brush, trees and vines.

Alar® 4L; Altrate Nine-O; Arsenical Herbicide Applicators Concentrate; Coverage; Crophopper; Crossbow; Direx 4L; Escort® XP; Garlon 3A Specialty; Garlon 4 Specialty; Garlon 4 Ultra Specialty; Habitat; Hycon® X; Hycon® X-L; Phosam; Quash®; Quint®; Quint® Ultra; Velpar L; Velpar L CU; Velpar L VU; Velpar Vastlan Specialty; Xact®; Tordon 101 Mixture Specialty; Tordon 22K Specialty; Tordon V Herbicide Specialty; Transline Specialty; Velpar L CU; Velpar L VU; Velpar Vastlan Specialty; Chlorsulfuron; clomazone; cyhalofop; dicamba; diuron; glufosinate; glyphosate; hexazinone; imazapyr; metsulfuron methyl; penthalon; trifluralin.

Brush, Tree and Vine Control

This product may be used to control woody brush, trees and vines along railroad rights-of-way. Apply 3 to 8 quarts of this product per acre in up to 10 gallons of spray solution containing 0.5% or more by volume of a nonionic surfactant as a broadcast application using either a boom or boomless sprayer. Apply a 0.5% to 1.5% solution of this product when using high-volume application equipment with a spray-to-wet technique, or a 4- to 6%-solution when using low-volume directed spray for spot treatment.

TANK MISTURES: This product may be applied in a tank-mix with one or more of the following products for enhanced control of woody brush, trees and vines along railroad rights-of-way, provided that the product is labeled for use on these sites. Refer to the individual product label for approved uses and application rates.

Alar® 14L; Altrate Nine-O; Arsenical Herbicide Applicators Concentrate; Coverage; Crophopper; Crossbow; Direx 4L; Escort® XP; Garlon 3A Specialty; Garlon 4 Specialty; Garlon 4 Ultra Specialty; Habitat; Hycon® X; Hycon® X-L; Phosam; Quash®; Quint®; Quint® Ultra; Velpar L; Velpar L CU; Velpar L VU; Velpar Vastlan Specialty; Chlorsulfuron; clomazone; cyhalofop; dicamba; diuron; glufosinate; glyphosate; hexazinone; imazapyr; metsulfuron methyl; penthalon; trifluralin.
For suppression of vegetation growth and seedhead inhibition of bahiagrass for approximately 45 days, apply 4.5 fluid ounces of this product in 10 to 25 gallons of water per acre in 1 to 2 weeks after full green-up or after mowing to a uniform height of 3 to 4 inches prior to seedhead emergence. For suppression up to 120 days, apply 3 fluid ounces of this product per acre, followed by an application of 1.5 to 3 fluid ounces per acre about 45 days later. Make no more than two applications per year.

For suppression of buffalobur, apply 24 to 44 fluid ounces of this product in 3 to 20 gallons of water per acre. Make this application only if a reduction of the buffalobur stand can be tolerated. When buffalobur is required prior to harvest, make the application a minimum of 21 days prior to harvest to prevent surficial burnoff during harvest.

For suppression of buffalobur, apply 4 to 12 fluid ounces of this product per acre east of the Rocky Mountains and 12 fluid ounces west of the Rocky Mountains in a total spray volume of 3 to 20 gallons per acre no sooner than 2 to 3 weeks after full green-up. If the buffalobur is mowed prior to application, maintain a minimum of 3 inches in height. Sequential applications may be made when regrowth occurs and buffalobur grass and stand reduction can be tolerated. East of the Rocky Mountains, apply 6 fluid ounces of this product per acre under shaded conditions or where a lesser degree of suppression is desired.

**Cut Stump Application**

Application of this product to a freshly cut tree stump may be made during site preparation or site renovation to control regrowth and re-sprouting of stumps of many tree species, some of which are listed below.

<table>
<thead>
<tr>
<th>Weed Species</th>
<th>Level of Perennial Weed Control</th>
<th>Various Application Rates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bermudagrass</td>
<td>B</td>
<td>PC, C</td>
</tr>
<tr>
<td>Gaines grass</td>
<td>B</td>
<td>C, C, C</td>
</tr>
<tr>
<td>Florida Stiltgrass</td>
<td>B, C</td>
<td>C, C</td>
</tr>
<tr>
<td>Pani grass</td>
<td>B</td>
<td>C, C</td>
</tr>
<tr>
<td>Spygrass</td>
<td>C</td>
<td>C, C</td>
</tr>
</tbody>
</table>

**Use Instructions**

Cut the tree close to the soil surface and immediately apply a 50- to 100-pound (undiluted) solution of this product to the freshly cut surface using application equipment capable of covering the entire cambium. A delay in application could result in reduced performance. For enhanced results, cut the tree during period of active growth and full leaf expansion and apply this product.

**Precautions**

DO NOT MAKE A CUT STUMP APPLICATION WHEN THE ROOTS OF ADJACENT DESIRABLE TREES MIGHT BE DAMAGED TO THE ROOTS OF THE CUT STUMP AS ANY PRODUCT COULD INVADE ADJACENT TREES. Some species, stems or trees can share a common root system. Adjacent trees having a similar age, height and spacing could be an indicator of a shared root system. Whether growth is shared, injury is likely to occur at adjacent stems or trees when this product is applied to one or more trees sharing a common root system.

**Hobbyist Crop**

**Labeled Crops:** All cultivars, varieties and/or hybrids of Calamondin, Cherry, Citrus, Citrus Hybrids, Grapefruit (including Japanese sumo), Kumquat, Lemon, Lime (including Australian dwarf lime), Australian finger lime, Asian round lime, Brown river finger lime, Mount white, New Guinea wild, Russell river, sweet, and Tahiti; Mandarin (including Mediterranean, Satsuma), Orange (all), Pummelo, Tangor (ugli), Tangor (Mandarin), Tanger, Persian fruit (lemon)

**Types of Application:** Those listed in Section 10.1, (pre-plant), Soil Application, or Soil Disposal (seeded sprayer, water application), Directed Spray or Spot Treatment in Middles (between rows of trees) or Strips (within rows of trees)

**Perennial Grass Suppression:** Cut Stump Application

**Use Instructions:** The following use instructions pertain only to application in Florida and Texas only.

For control of weeds listed below, apply this product at the specified rate in 3 to 30 gallons of water per acre for no more than 2 applications per year.

For control of grasses, apply 48 to 72 fluid ounces of this product in 30 to 40 gallons of water per acre when plants are actively growing. Apply 48 fluid ounces per acre when plants are less than 8 inches tall and 72 fluid ounces per acre when plants are greater than 8 inches tall. If grassed is greater than 8 inches tall, the use of this product in a tank-mix with Krause 1 or Nerve could improve weed control. Refer to the individual product label for specific crop rates, rates, geographic restrictions and precautionary statements.

**Annual and Perennial Crops**

This section provides directions for use of this product that apply to all crops listed in the following sections. See the INDIVIDUAL CRIP SECTIONS FOR SPECIFIC USE INSTRUCTIONS, PREEMERGENT INTERVALS, AND ADDITIONAL PRECAUTIONS AND RESTRICTIONS.

See the "ROUNDUP READY CROPS" section of this label, or separately published supplemental labeling for this product, for directions for use in Roundup Ready crops.

**Types of Application:** Chemical Fallow, Preplant Fallow Beds, Preplant All-Planting, Preemergence, Hooded Sprayer in Row Middles, Shielded Sprayer in Row Middles, Wiper Application in Row Middles, Post-Harvest

**Use Instructions:** This product may be applied during fallow intervals preceding planting, prior to or during transplanting, after planting, or preemergence to annual and perennial crops listed on this label, except where specifically limited. For any crop not listed on this label, applications must be made a minimum of 30 days prior to planting. Unless otherwise directed, apply this product according to the rates listed in the "ANNUAL WEEDS RATE SECTION", "PERENNIAL WEEDS RATE SECTION" and "WOODY BRUSH, TREES AND VINES RATE SECTION" of this label. Application rates specified on this label are for herbicide use only.
Germination or vigor. To the extent consistent with applicable law, buyer and
Preharvest application on crops grown for seed could result in a reduction in
additional information.

Drift outside the target area in order to avoid unwanted crop destruction. See
germination in coarse sandy soils to further minimize the risk of crop injury.
will result in injury or death of emerged seedlings. Apply before seed
preemergence applications, application must be made before crop emergence
seedlings coming into contact with weeds that are still wet with a spray

Applying this product as a tank mixture with one or more products,
refer to each individual tank-mix product label for restrictions and apply the
mixture in accordance with the most restrictive statements for each product
in the tank.

Aerial application of up to 72 fluid ounces per acre may be made onto fallow
fields that are lying fallow between sugarcane crops. This product may also

Use all products according to rates and

Do not allow weeds within the application area to come into
contact with the crop.

For control of volunteer or diseased sugarcane, apply a
1-percent solution of this product in water using a handheld sprayer and a
spray-to-wet technique. Enhanced results can be obtained on volunteer
or diseased sugarcane when application is made when there are at least
7 new leaves. Avoid contact of this herbicide with healthy sugarcane plants
as severe damage or destruction could result.

Do not apply to vegetation from an area for 8 weeks following
broadcast postemergence application, unless otherwise directed.

Do not harvest or feed vegetation from an area for 8 weeks following
the application of any and all other herbicides containing glyphosate or
dicamba. To maximize sugar recovery where tapping is practiced at harvest, top at the base of the
fourth leaf. Consult your state sugarcane authority or local Bayer
preparations in your area when applying to sugarcane under adverse ripening conditions or less responsive varieties.

FLORIDA – Apply to 6 to 14 fluid ounces of this product per acre 3 to 5 weeks
before harvest of Ratoon cane only.

HAWAII – Apply to 10 to 24 fluid ounces of this product per acre 4 to 10 weeks
before harvest.

LOUISIANA – Apply to 4 to 6 fluid ounces of this product per acre 3 to 5 weeks
before harvest of Ratoon cane only.

PUERTO RICO – Apply to 6 fluid ounces of this product per acre 3 to 5 weeks
before harvest of Ratoon cane only.

TEXAS – Apply to 6 to 14 fluid ounces of this product per acre 3 to 5 weeks
before harvest of Ratoon cane only.

PRECAUTIONS: Application of this product can initiate development of
shooting eyes. This product might not increase the sucrose content of
sugarcane under conditions of good natural ripening. Within 2 to 3 weeks after
application, this product could produce a slight yellowing to a pronounced
browning and drying of leaves, and a shortening of upper internodes. Spindle
death could occur.

Rainfall within 6 hours after application could reduce the effectiveness of
this product.

Application to sugarcane grown for seed could result in a reduction in
germination or vigor. To the extent consistent with applicable law, buyer and
do not apply for enhanced ripening to any crops other than sugarcane.
Use of this product in any manner not consistent with this label could result in injury
to persons, animals, or crops, or other unintended consequences.

13 Grass Seed and Sod Production

LABELED CROPS: Any grass (Grass/Turf/Grass) except Corn, Sugarcane,
Sugarcane and those listed in the "CEREAL AND GRAIN CROPS" section of
this label.

TYPES OF APPLICATION: Preplant, Pre-Planting, Preemergence,
Removal of Established Stands, Site Preparation, Shredded Sprayer, Wind
Application, Spot Treatment, Overlapping Row in Annual Ridges.

Preplant, At-Planting, Preemergence, Removal of Established Stand, Site Preparation

Use INSTRUCTIONS: This product controls most existing vegetation for
purposes of renovating turf or forage grass seed production areas, or for
establishing turfgrass grown for sod. This product may be used to destroy
undesirable grass vegetation when production fields are converted to
alternative species or crops. Do not disturb soil or underground plant parts
before application and delay tillage or renovation techniques, including
vertical mowing, cutting and slicing, for a minimum of 7 days after application
to allow for herbicide transitiation into underground plant parts.

Apply before, during or after planting, or for renovation purposes. Where
existing vegetation is growing under rewetted turfgrass management, apply this
product after omitting at least one regular mowing to allow sufficient growth
of the existing vegetation to control weeds in the growing season before applying
this product.
Always use the higher application rate or spray solution concentration of this product with this product. Read the entire label before proceeding to use this product.

PRECAUTIONS: Take care not to spray or allow spray to drift outside the target area by using a shielded sprayer or by using a shielded sprayer application. Use a lower application rate within this range when controlling annual weeds listed on this label.

Be good stewards of the environment. Proper application of this product can minimize the impact to nontarget vegetation, delay planting until determining if any re-growth of undergrowth plant parts will occur. Where repeat applications are necessary, sufficient re-growth must be obtained prior to application. For warm-season grasses, such as bahiagrass, summer or fall application provides enhanced control. Broadcast application of this product may be used to control sod remnants or other unwanted vegetation after sod is harvested. Application rates of up to 3.75 quarts per acre may be used to totally eliminate a stand of hard-to-kill grass species.

The use of this product described in this section may be applied to turfgrass growing on any ornamental site listed on this label. Ensure that any tank-mix product applied with this product is labeled for the intended use and on the site of application.

PRECAUTIONS: Applying more than 12 fluid ounces of this product per acre on highly maintained bermudagrass, such as on golf courses and lawns, could cause unsatisfactory turf and discoloration. Where repeat applications are necessary, sufficient re-growth must be attained prior to application. For warm-season grasses, the bermudagrass could be severely injured.

The use of this product described in this section may be applied to turfgrass growing on any ornamental site listed on this label. Ensure that any tank-mix product applied with this product is labeled for the intended use and on the site of application.

PRECAUTIONS: The use of wiper applicators in the “APPLICATION EQUIPMENT AND TECHNOLOGIES” section of this label.

PRECAUTIONS: Contact of this product in any manner to any vegetation to which application is not intended could cause damage.

WEEDS CONTROLLED

12.0 WEEDS CONTROLLED

See the entire label before proceeding to use this product.

Unless otherwise directed, this product requires the addition of a nonionic surfactant that is labeled for use with herbicides to the spray solution. See the “MIXING” section of this label for more information on the use of surfactants with this product.

Always use the higher application rate or spray solution concentration of this product within a given range when weed growth is heavy or dense, or when weeds, are growing in an unirrigated (top-drained berms) area.

12.1 Weed Control, Renovation and Chemical Mowing in Turf

The use of this product described in this section may be applied to turfgrass growing on any ornamental site listed on this label. Ensure that any tank-mix product applied with this product is labeled for the intended use and on the site of application.

PRECAUTIONS: Applying more than 12 fluid ounces of this product per acre on highly maintained bermudagrass, such as on golf courses and lawns, could cause unsatisfactory turf and discoloration. Where repeat applications are necessary, sufficient re-growth must be attained prior to application. For warm-season grasses, the bermudagrass could be severely injured.

The use of this product described in this section may be applied to turfgrass growing on any ornamental site listed on this label. Ensure that any tank-mix product applied with this product is labeled for the intended use and on the site of application.

PRECAUTIONS: The use of wiper applicators in the “APPLICATION EQUIPMENT AND TECHNOLOGIES” section of this label.

PRECAUTIONS: Do not disturb or uproot underground plant parts before application of this product. Delay tillage and renovation techniques, such as vertical mowing, coring or slicing, until at least 7 days after application to allow translocation of this herbicide into underground plant parts. RESTRICTIONS: If application rates total 2.25 quarts of this product per acre or less, no waiting period between application and feeding or livestock grazing is required. If the rate is greater than 2.25 quarts per acre, remove domestic livestock from the treated area for at least 10 days before application and wait 6 weeks after application before grazing or harvesting.
Chemical Mowing

This product may be used to suppress growth of perennial and annual grasses to serve as a substitute for mowing.

**Perennial Grasses**—apply 3 to 4 fluid ounces of this product per acre to suppress growth of many annual grasses, such as annual rye grass, wild barley and wild oats when actively growing in coarse turf or on roadsides or other industrial areas and before the seedheads are in the boot stage of development. This application could injure the desired annual grasses.

**PRECAUTIONS:** Use this product for chemical mowing only in areas where some temporary injury or discoloration of perennial grasses can be tolerated.

**Annual Grasses**—apply 3 to 4 fluid ounces of this product in 10 to 40 gallons of spray solution per acre to suppress growth of some annual grasses, such as annual ryes, wild barley and wild oats when actively growing in coarse turf or on roadsides or other industrial areas and before the seedheads are in the boot stage of development. This application could injure the desired annual grasses.

**PRECAUTIONS:** Use this product for chemical mowing only in areas where some temporary injury or discoloration of perennial and annual grasses can be tolerated.

---

**12 Annual Weeds**

Annual weeds are easiest to control when they are small and actively growing. New leaf development indicates active growth.

To control or partially control the annual weeds listed in this section when they are less than 6 inches in height or runner length and actively growing, apply 24 fluid ounces of this product per acre. If they are over 6 inches in height or runner length, or slowly growing under stressed conditions, increase the application rate to 1 to 4 quarts per acre, depending on weed height and the severity of the poor growing conditions.

For application using a hand-sprayer with a spray-tow-technique, apply a 0.25 percent solution of this product to annual weeds less than 6 inches in height or runner length prior to seedhead formation in graminaceous or bud formation in broadleaf weeds. To control annual weeds over 6 inches tall, or even smaller weeds growing under stressed conditions, apply a 0.5- to 1.5-percent solution. Apply the maximum concentration when sufficient growth of the weed occurs within this range for hard-to-control weeds or to control annual weeds over 24 inches tall.

**For control of annual weeds using a handheld controlled droplet applicator (CDA), apply a 15-percent solution of this product (10 to 20 fluid ounces of this product per gallon of spray solution) at a flow rate of 2 fluid ounces of spray solution per minute and a walking speed of 3.5 to 4 miles per hour (1 quart of spray solution per acre). When using a vehicle-mounted CDA, apply the required amount of this product, as indicated in this section, in 1 to 3.5 gallons of water per acre.

**For enhanced control, do not mow, cut, till, burn or disturb vegetation in the application area for a minimum of 3 days after application.**

This product has no residual soil activity and does not control emergence of new annual weeds from seed. Subsequent applications of this product will be needed to control weeds that continue to emerge.

**WEED SPECIES**

<table>
<thead>
<tr>
<th>Weed Species</th>
<th>Rate of Application</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Buttercup</td>
<td>4 fluid ounces</td>
<td>0.5 percent</td>
</tr>
<tr>
<td>Carpenteria</td>
<td>4 fluid ounces</td>
<td>0.5 percent</td>
</tr>
<tr>
<td>Carpenteria</td>
<td>4 fluid ounces</td>
<td>0.5 percent</td>
</tr>
<tr>
<td>Carpenteria</td>
<td>4 fluid ounces</td>
<td>0.5 percent</td>
</tr>
</tbody>
</table>

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**12.3 Perennial Weeds**

Enhanced control of perennial weeds can be obtained when this product is applied when target weeds are small and actively growing. New leaf development indicates active growth. If application of this product must be made to larger weeds or to weeds that are slowly growing under stressful conditions, apply a 1 to 5 percent solution of this product within the range of the main stem. More than one application may be required in the spring or fall.

For control of annual weeds using a backpack sprayer or a handheld controlled droplet applicator (CDA), apply a 15- to 30-percent solution of this product (19 to 38 fluid ounces of spray solution per acre) at a flow rate of 2 fluid ounces of spray solution per minute and a walking speed of 0.75 to 3 miles per hour (2 to 15 gallons of water per acre).

**Application of this product in the fall must be made before a killing frost.**

This product has no soil activity and does not control emergence of perennial weeds from seed and dormant underground roots, rhizomes or tubers present in the soil at the time of application. More than one application of this product will be necessary for continued control of weeds that emerge following applications.

**PERENNIAL WEEDS RATE TABLE**

<table>
<thead>
<tr>
<th>Weed Species</th>
<th>Rate of Application</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alfalfa</td>
<td>0.7 fluid ounces</td>
<td>1 percent</td>
</tr>
<tr>
<td>Alligatorweed</td>
<td>0.2</td>
<td>3 percent</td>
</tr>
<tr>
<td>Annual</td>
<td>1.5 to 3</td>
<td>0.5 to 1.5</td>
</tr>
<tr>
<td>Balsamapple</td>
<td>2.3</td>
<td>1.5 to 3</td>
</tr>
<tr>
<td>Balsamapple</td>
<td>2.3</td>
<td>1.5 to 3</td>
</tr>
<tr>
<td>Balsamapple</td>
<td>2.3</td>
<td>1.5 to 3</td>
</tr>
<tr>
<td>Balsamapple</td>
<td>2.3</td>
<td>1.5 to 3</td>
</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>Weed Species</th>
<th>Rate of Application</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Annual</td>
<td>1.5 to 3</td>
<td>0.5 to 1.5</td>
</tr>
<tr>
<td>Balsamapple</td>
<td>2.3</td>
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</tr>
<tr>
<td>Balsamapple</td>
<td>2.3</td>
<td>1.5 to 3</td>
</tr>
</tbody>
</table>
Guineagrass, tall
Apply this product when most target plants have reached the 1- to 3-year stage of development. When applied prior to the 1-year stage, less desirable control might be obtained.

Hairygrass
Apply this product when most target plants have reached the 1- to 3-year stage of development. When applied prior to the 1-year stage, less desirable control might be obtained.

Hogweed, giant
Apply this product to control existing nutgrass plants and attached immature nutlets when target plants are in flower or when new nutlets can be found at rhizome tips. Nutlets that have not germinated will not be controlled and will require repeated application of this product for long-term control.

Horsetail, field
Apply this product when most target plants are at least 12 inches above the root crown. Push a cavity needle into the second or third node above the root crown. This product contains 0.5 to 2 percent by volume of a nonionic surfactant. No surfactant is required.

Horse nettle
Apply this product by injecting 5 milliliters of this product per stem into the second or third internode using a handheld injection device. No surfactant is required.

Knapweed
Apply this product when most target plants are at least 18 inches tall and actively growing. The presence of debris or mats on the surface of cordgrass will reduce the performance of this product. To improve herbicide uptake, use targeted plants prior to application and allow a minimum of 4 hours for plants to dry before applying this product. Where cordgrass has been cut or removed prior to application, allow sufficient regrowth before applying this product to ensure adequate interception and uptake of this product. Rainfall or immersion of the plant in water within 4 hours after application could reduce the effectiveness of this product.

Knotweed; Bohemian, giant, Japanese
Apply 2 to 3 quarts per acre as a broadcast application in 3 to 40 gallons of spray solution with 0.5 to 1 percent by volume of a nonionic surfactant. For broadcast application, use a broadcast sprayer or a spray-to-leaf technique, apply 2 to 3 percent solution of this product containing 0.5 to 1 percent by volume of a nonionic surfactant. For enhanced control, do not treat vegetation in the application area for a minimum of 7 days after application. Control can also be achieved by cutting stems cleanly just below the 2nd or 3rd node above the root crown. This product contains 0.5 to 2 percent by volume of a nonionic surfactant. No surfactant is required.

Knotgrass
Apply this product when most target plants have reached the head stage of development. When applied prior to the 1-year stage, less desirable control might be obtained.

Lamium
Apply this product when most target plants have reached the head stage of development. For enhanced results, apply in late-summer or fall.

Lantana
Apply this product when most target plants are at least 12 inches above the root crown. Use the standard spray solution concentration on plants that have reached the woody stage of growth.

Lepidium
Apply this product when most target plants are at least 8 inches tall (3- to 4-leaf stage) and actively growing. No surfactant is required.

Lettuce, American
Apply this product when most target plants are at least 8 inches tall (3- to 4-leaf stage) and actively growing. Full application must be made before a killing frost.

Lupine
Apply this product when most target plants are at least 8 inches tall (3- to 4-leaf stage) and actively growing. For enhanced results, full application must be made before a killing frost.

Milkweed, common
Apply this product when most target plants have reached the late-bud to flower stage of growth.

Napiergrass
Apply this product when most target plants have reached the late-bud to flower stage of development. For enhanced results, apply in late-summer or fall.

Napiergrass
Apply this product when most target plants have reached the late-bud to flower stage of development. For enhanced results, apply in late-summer or fall.

Oregano
Apply this product when most target plants are at least 12 inches above the root crown. No surfactant is required.

Pepperweed, perennial
Apply this product when most target plants are at least 8 inches tall (3- to 4-leaf stage) and actively growing.

Pepperweed, red
Apply this product when most target plants have reached the 1- to 3-year stage of development. Easier control is achieved when application is made during the summer or fall months.

Phalaris
Apply this product when most target plants are at least 12 inches above the root crown. Use the standard spray solution concentration on plants that have reached the woody stage of growth.

Pigweed, common
For enhanced results make application in late-summer or fall. Control can also be achieved by injecting 5 milliliters of this concentrated product (undiluted) directly into the second or third internode using a handheld injection device. No surfactant is required.

Pigweeds
Apply this product when most target plants have reached the head stage of development. When applied prior to the head stage, less desirable control might be obtained.

Pistacia
Apply 2 to 3 percent solution of this product containing 0.1 to 2 percent by volume of a nonionic surfactant. For broadcast application, apply 1 to 3.75 quarts of this product per acre in 3 to 40 gallons of spray solution containing 0.1 percent by volume nonionic surfactant and 0.25 percent nonionic surfactant. No surfactant is required.

Pistacia
Apply 2 to 3 percent solution of this product containing 0.1 to 2 percent by volume of a nonionic surfactant. For broadcast application, apply 1 to 3.75 quarts of this product per acre in 3 to 40 gallons of spray solution containing 0.1 percent by volume nonionic surfactant and 0.25 percent nonionic surfactant. No surfactant is required.

Pistacia
Apply 2 to 3 percent solution of this product containing 0.1 to 2 percent by volume of a nonionic surfactant. For broadcast application, apply 1 to 3.75 quarts of this product per acre in 3 to 40 gallons of spray solution containing 0.1 percent by volume nonionic surfactant and 0.25 percent nonionic surfactant. No surfactant is required.

Plantain
Apply this product when most target plants are at least 18 inches tall and actively growing. The presence of debris or mats on the surface of cordgrass will reduce the performance of this product. To improve herbicide uptake, use targeted plants prior to application and allow a minimum of 4 hours for plants to dry before applying this product. Where cordgrass has been cut or removed prior to application, allow sufficient regrowth before applying this product to ensure adequate interception and uptake of this product. Rainfall or immersion of the plant in water within 4 hours after application could reduce the effectiveness of this product.

Pistacia
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Pistacia
Apply this product when most target plants have reached the head stage of development. When applied prior to the 1-year stage, less desirable control might be obtained.
Apply this product to brush and trees that are actively growing after fall leaf drop unless otherwise directed. Use a higher application rate within the given range for larger brush and trees and/or application in areas of dense vegetative growth. For control of vines, apply this product at a lower application rate or spray solution concentration within the given range when target plants have reached the woody stage of growth.

Enhanced control of woody brush and trees is obtained when application is made in late-summer or fall after fruit formation; however, in areas and years of enhanced moisture conditions, application may be made in the spring. Application made prior to the boot stage could result in reduced control. For frill application, use equipment capable of generating a continuous stream of liquid or a direct liquid injection system.

For frill application, apply a 50- to 95-percent solution of this product in water, with 0.5% or more by volume of a nonionic surfactant, to either a continuous frill around the tree or to cuts evenly spaced around the tree below the branches. As the tree diameter increases, enhanced results can be achieved by increasing the application rate to 0.5% to more closely spaced cuttings. Avoid application techniques that allow this product to run out of the frill or cut areas. In areas that freely exude sap, make the frill or cuts at an oblique angle to produce a capping effect and apply a 50- to 95-percent solution of this product with a nonionic surfactant as described above. For enhanced results, make this application during period of active growth and after full leaf expansion.

Modified High-Volume and Low-Volume Backpack Application

For control and partial control of woody brush, trees and vines listed on this label when using a backpack sprayer or other hand-held equipment and a directed low-volume foliar application technique, apply a 4- to 8-percent solution of this product containing 0.5 to 1 percent by volume of a nonionic surfactant evenly over the plant crown to cover 50 percent of the upper foliage of undesirable woody brush, trees and vines.

WOODY BRUSH, TREES AND VINES RATE TABLE

<table>
<thead>
<tr>
<th>Species</th>
<th>Broadcast Rate (quarts/acre)</th>
<th>Handheld Spray-To-Wet Concentration (% solution)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alder</td>
<td>2.3 – 3</td>
<td>0.75 – 1.2</td>
</tr>
<tr>
<td>Ash*</td>
<td>1.5 – 3.75</td>
<td>0.75 – 1.5</td>
</tr>
<tr>
<td>Aspen, quaking</td>
<td>1.5 – 2.5</td>
<td>0.75 – 1.2</td>
</tr>
<tr>
<td>Beech*</td>
<td>1.5 – 3.75</td>
<td>0.75 – 1.5</td>
</tr>
<tr>
<td>Blackberry</td>
<td>2.3 – 3</td>
<td>0.75 – 1.2</td>
</tr>
<tr>
<td>Blackgum</td>
<td>1.5 – 3.75</td>
<td>0.75 – 1.5</td>
</tr>
<tr>
<td>Brachychiton</td>
<td>1.5 – 3.75</td>
<td>0.75 – 1.5</td>
</tr>
<tr>
<td>Buckwheat, California*</td>
<td>1.5 – 3.75</td>
<td>0.75 – 1.5</td>
</tr>
<tr>
<td>Cercis*</td>
<td>1.5 – 3.75</td>
<td>0.75 – 1.5</td>
</tr>
<tr>
<td>Caster bean</td>
<td>1.5 – 3</td>
<td>0.75 – 1.5</td>
</tr>
<tr>
<td>Casso*</td>
<td>1.5 – 3.75</td>
<td>0.75 – 1.5</td>
</tr>
<tr>
<td>Cherry, bitter black*</td>
<td>1.5 – 3.75</td>
<td>0.75 – 1.5</td>
</tr>
<tr>
<td>Cottonwood, eastern</td>
<td>1.5 – 3.75</td>
<td>0.75 – 1.5</td>
</tr>
<tr>
<td>Coyote brush</td>
<td>2.3 – 3</td>
<td>1.2 – 1.5</td>
</tr>
<tr>
<td>Cypress, swamp, bald</td>
<td>1.5 – 3.75</td>
<td>0.75 – 1.5</td>
</tr>
<tr>
<td>Davenport</td>
<td>1.5 – 3.75</td>
<td>0.75 – 1.5</td>
</tr>
</tbody>
</table>

**Note:** For control, inject 4-milliliters of this concentrate (undiluted) product per plant directly into the lower portion of the main stem using a hand-held injection device. No surfactant is required.

**Cut Stump Application:**

This product may be used to control woody brush and trees listed in this section by injection or frill application on any aquatic and terrestrial site listed on this label.

Inject or apply the equivalent of 1 milliliter (0.04 fluid ounce) of this product for every 2 to 3 inches of trunk diameter at breast height (DBH). If injecting this product into the woody brush or tree, use equipment capable of generating a continuous stream or a direct liquid injection system. No surfactant is required for direct injection of this product into woody brush and trees.

For frill application, apply a 50- to 95-percent solution of this product in water, with 0.5% or more by volume of a nonionic surfactant, to either a continuous frill around the tree or to cuts evenly spaced around the tree below the branches. As the tree diameter increases, enhanced results can be achieved by increasing the application rate to 0.5% to more closely spaced cuttings. Avoid application techniques that allow this product to run out of the frill or cut areas. In areas that freely exude sap, make the frill or cuts at an oblique angle to produce a capping effect and apply a 50- to 95-percent solution of this product with a nonionic surfactant as described above. For enhanced results, make this application during period of active growth and after full leaf expansion.

Woody Brush and Tree Herbicides and Frill Application

This product may be used to control woody brush and trees listed in this section by injection or frill application on any aquatic and terrestrial site. This product may be used to control woody brush and trees listed in this section by injection or frill application on any aquatic and terrestrial site listed on this label.

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### Application Rates

<table>
<thead>
<tr>
<th>Species</th>
<th>Broadcast Rate</th>
<th>Handheld Spray-to-Wet Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Tree and Shrub Control</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Red oak</td>
<td>1.5–3</td>
<td>0.75–1.5</td>
</tr>
<tr>
<td>Black oak</td>
<td>1.5–3</td>
<td>0.75–1.5</td>
</tr>
<tr>
<td>Red maple</td>
<td>1.5–3</td>
<td>0.75–1.5</td>
</tr>
<tr>
<td>Cottonwood</td>
<td>1.5–3</td>
<td>0.75–1.5</td>
</tr>
<tr>
<td>Ash</td>
<td>1.5–3</td>
<td>0.75–1.5</td>
</tr>
<tr>
<td>Hackberry</td>
<td>1.5–3</td>
<td>0.75–1.5</td>
</tr>
<tr>
<td>Cherry</td>
<td>1.5–3</td>
<td>0.75–1.5</td>
</tr>
<tr>
<td>Apple</td>
<td>1.5–3</td>
<td>0.75–1.5</td>
</tr>
<tr>
<td>Prunus</td>
<td>1.5–3</td>
<td>0.75–1.5</td>
</tr>
<tr>
<td>Peach</td>
<td>1.5–3</td>
<td>0.75–1.5</td>
</tr>
<tr>
<td>Pecan</td>
<td>1.5–3</td>
<td>0.75–1.5</td>
</tr>
<tr>
<td>Crabapple</td>
<td>1.5–3</td>
<td>0.75–1.5</td>
</tr>
<tr>
<td>Japanese maple</td>
<td>1.5–3</td>
<td>0.75–1.5</td>
</tr>
<tr>
<td>elm</td>
<td>1.5–3</td>
<td>0.75–1.5</td>
</tr>
<tr>
<td>Sassafras</td>
<td>1.5–3</td>
<td>0.75–1.5</td>
</tr>
<tr>
<td>Red maple</td>
<td>1.5–3</td>
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<td>Pecan</td>
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</tbody>
</table>

### Note

- For partial control, apply a 3- to 0.75-percent solution of this product using a handheld sprayer, or 3 to 3.75 quarts per acre as a broadcast application. For control, apply a 1.5 to 3.75-percent solution of this product in a tank-mix with Arsenal Herbicide or Arsenal Herbicide Concentrate. For partial control, apply 3 to 3.75 quarts of this product per acre in a tank-mix with an appropriate rate of Arsenal herbicide or Arsenal Herbicide Concentrate to plants less than 6 feet tall. To control hardwood greater than 6 feet tall using broadcast applications, apply 3 quarts of this product per acre in a tank-mix with a higher rate of Arsenal herbicide or Arsenal Herbicide Concentrate. For control, apply a 1.5 to 3.75 percent solution of this product using a handheld sprayer, or 3 to 3.75 quarts per acre as a broadcast application. For control, apply a 1.5 to 3.75 percent solution of this product in a tank-mix with Arsenal herbicide or Arsenal Herbicide Concentrate. For partial control, apply 3 to 3.75 quarts of this product per acre in a tank-mix with an appropriate rate of Arsenal herbicide or Arsenal Herbicide Concentrate. For control, apply 3 to 3.75 quarts of this product per acre in a tank-mix with an appropriate rate of Arsenal herbicide or Arsenal Herbicide Concentrate.

### Limit of Warranty and Liability

BAYER CROPSCIENCE LP ("Company") warrants that this product conforms to the chemical description on the label. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS FOR PARTICULAR PURPOSE OR MERCHANTABILITY IS MADE. This warranty is also subject to the conditions and limitations stated herein.

Buyer and all users shall use this product only for the purposes of and in accordance with the Complete Directions for Use ("Directions") and shall promptly notify the Company of any claims whether based in contract, negligence, strict liability, other tort or otherwise. To the extent consistent with applicable law, buyer and all users are responsible for all loss, injury or damage from use or handling which results from conditions beyond the control of this Company, including, but not limited to, incompatibility with products other than those set forth in the Directions, application to or contact with desirable vegetation, crop injury or failure of this product to control weed biotypes which develop resistance to glyphosate, unusual weather, weather conditions which are outside the range considered normal at the application site and for the time period when the product is applied, as well as weather conditions which are outside the application ranges set forth in the Directions, use and/or application in any manner not expressly set forth in or inconsistent with the Directions, moisture conditions outside the moisture range specified in the Directions, or the presence of products other than those set forth in the Directions in or on the soil, crop or treated vegetation.

This Company does not warrant any product reformulated or repackaged from this product in accordance with this Company’s stewardship requirements and without express written permission from this Company.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE LIMIT OF THE LIABILITY OF THIS COMPANY OR ANY OTHER SELLER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT (INCLUDING CLAIMS BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY, OTHER TORT OR OTHERWISE) SHALL BE THE PURCHASE PRICE PAID BY THE USER OR BUYER FOR THE QUANTITY OF THIS PRODUCT INVOLVED, OR, AT THE ELECTION OF THIS COMPANY OR ANY OTHER SELLER, THE REPLACEMENT OF SUCH QUANTITY OR, IF NOT ACQUIRED BY PURCHASE, REPLACEMENT OF SUCH QUANTITY TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, IN NO EVENT SHALL THIS COMPANY OR ANY OTHER SELLER BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES.

Upon opening and using this product, buyer and all users are deemed to have accepted the terms of this LIMIT OF WARRANTY AND LIABILITY which may not vary by any verbal or written agreements. If terms are not acceptable, return at once unopened.

AquaMaster is a registered trademark of the Bayer Group. All other trademarks are the property of their respective owners.
PRECAUTIONARY STATEMENTS

Hazard to Humans and Domestic Animals

Keep out of reach of children

CAUTION

DOMESTIC ANIMALS: This product is considered to be relatively nontoxic to dogs and other domestic animals; however, ingestion of this product or large amounts of hourly preyed vegetation could result in temporary gastrointestinal irritation (vomiting, diarrhea, etc.). If such symptoms are observed, provide the animal with plenty of fluids to prevent dehydration. Call a veterinarian if symptoms persist for more than 24 hours.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:
- Long-sleeved shirt and long pants, socks and shoes.

Follow manufacturer’s instructions for cleaning/maintaining PPE (Personal Protective Equipment). If there are no instructions for washables, use detergent and hot water. Keep.

Equipment

Follow manufacturer’s instructions for cleaning/maintaining Equipment. If there are no instructions for washables, use detergent and hot water. Keep.

User Safety Recommendations:

Users should:
- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing completely if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Physical or Chemical Hazards

Mixing active ingredients can result in the loss of steam in the water due to decomposition of clay plant material. This oxygen loss can cause fish suffocation.

Overall, your state agency with primary responsibility for regulating pesticides. Before you receive from public waters is determined if it is permitted.

For terrestrial uses, do not apply directly to water, to areas where surface water is present or to tidal areas below the mean high-water mark, except if applying aerators over the forest canopy. Do not contaminate water when cleaning equipment or disposing of equipment wash waters and residues.

Environmental Hazards

Rilling aquatic weeds can result in the loss of steam in the water due to decomposition of clay plant material. This oxygen loss can cause fish suffocation.

Overall, your state agency with primary responsibility for regulating pesticides. Before you receive from public waters is determined if it is permitted.

For terrestrial uses, do not apply directly to water, to areas where surface water is present or to tidal areas below the mean high-water mark, except if applying aerators over the forest canopy. Do not contaminate water when cleaning equipment or disposing of equipment wash waters and residues.

Storage and Disposal

Proper pesticide storage and disposal are essential to protect against exposure to people and the environment due to leaks and spills, excess product on vistas, and vandalism.

Do not allow this product to contaminate waste, hospital, food or used by storage and disposal.

PESTICIDE STORAGE: Store above 4°F (40°C) to keep product from crystallizing. Crystals will settle to the bottom. If allowed to crystallize, store at 8°F (28°C) in containers and roll or shake container or recirculate contents of large containers in the mixing area before using. Shake pesticides away from food, pet food, food used, fertilizers, and similar products. Keep container closed to prevent spills and contamination. See individual container label for additional storage conditions, if any.

PESTICIDE DISPOSAL: To avoid wastes, use all materials in the container, including residues. If applicable according to label instructions. If wastes cannot be avoided, do not mix with other materials.

CONTAINER HANDLING AND DISPOSAL: Handle container. Refill the container with the product and accessories. Do not reuse the container for any other purpose.

Cleaning the container before refilling is the responsibility of the refiller. Cleaning the container before final disposal is the responsibility of the person disposing of the container.

In the container before final disposal, empty the remaining contents from this container into appropriate equipment or mix tank. Store container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinse into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

The container for recycling, if available.

In the case of an emergency contacting this product or for medical assistance, call collect, day or night, (800) 334-7577. For product information or assistance using this product, call toll-free, (800) 331-2867.