Avoid herbicide contact with foliage, green stems, exposed non-woody roots or fruit of crops, desirable plants and trees because severe injury or destruction may result.

**ACTIVE INGREDIENT:**

Glyphosate

in the form of its diammonium salt* ...... 34.0%

**OTHER INGREDIENTS:** .......................... 66.0%

**TOTAL:** ........................................ 100.0%

* Contains 3.74 pounds of the active ingredient, glyphosate in the form of its diammonium salt per gallon of product. Equivalent to 28.3% or 3 pounds of the acid, glyphosate per gallon of product.

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

See FIRST AID Below

**EPA Reg. No. 19713-586**

**EPA Est. No. 19713-TN-3**  Net Content: 2.5 Gals. (9.46 L)

Read the entire label before using this product. Use only according to label instructions. Read “WARRANTY—DISCLAIMER” before buying or using. If terms are not acceptable, return product unopened without delay.

**FIRST AID**

**IF IN EYES:**

- Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

**IF ON SKIN OR CLOTHING:**

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15 to 20 minutes.

**IF SWALLOWED:**

- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give anything by mouth to an unconscious or convulsing person.

**IF INHALED:**

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.

Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information on this pesticide product (including health concerns, medical emergencies or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378.

**Domestic animals:** This product is considered to be relatively non-toxic to dogs and other domestic animals; however, ingestion of this product or large amounts of freshly sprayed vegetation may result in temporary gastrointestinal irritation (vomiting, diarrhea, colic, 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.

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals**

**CAUTION:** Causes moderate eye irritation. Wash thoroughly with soap and water after handling.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Applicators and other handlers must wear: Long-sleeved shirt and long pants, and shoes plus socks. Follow manufacturer’s instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**ENGINEERING CONTROLS STATEMENT**

When handlers use closed systems, enclosed cabs or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

**USER SAFETY RECOMMENDATIONS**

Users should: 1) Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. 2) Remove clothing/PPE immediately before pesticide gets inside. Then wash thoroughly and put on clean clothing. 3) Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**ENVIRONMENTAL HAZARDS**

Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

**PHYSICAL AND CHEMICAL HAZARDS**

Spray solutions of this product should be mixed, stored and applied using only stainless steel, aluminum, fiberglass, plastic or plastic-lined steel containers. Do not mix, store or apply this product or spray solutions of this product in galvanized steel or unlined steel (except stainless steel) containers or spray tanks. This product or spray solutions of this product react with such containers and tanks to produce hydrogen gas, which may form a highly combustible gas mixture. This gas mixture could flash or explode, causing serious personal injury, if ignited by open flame, spark, welder’s torch, lighted cigarette or other ignition source.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in any manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area at the time of application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.
AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Wheat Protease Inhibitor Standard (WPS) (40 CFR Part 170). This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries and greenhouses and handlers of agricultural pesticides. It contains requirements for training, decontamination, 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 (REI). The requirements in this box only apply to uses of this product that are covered by the WPS. Do not enter or allow worker entry into treated area during the REI of 12 hours.

PPE required for early entry to treated area that is permitted under the WPS and that involves contact with anything that has been treated, such as plants, soil or water is: Coveralls, chemical-resistant gloves (Category A) such as neoprene rubber or nitrile rubber >14 mils, and shoes plus socks.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the WPS 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.

GENERAL INFORMATION

DO NOT APPLY THIS PRODUCT USING AERIAL SPRAY EQUIPMENT EXCEPT UNDER CONDITIONS AS SPECIFIED WITHIN THIS LABEL.

This product mixes readily with water to be applied as a foliar spray for produce agricultural plants on farms, forests, nurseries or greenhouses. Keep people and pets off treated areas until spray solution has dried.

DO NOT APPLY THIS PRODUCT WITH SOIL OR AS A GROUND APPLICATION. This product is not designed to be soil incorporated. This product may drift into non-tariffed areas and damage nontarget vegetation. Direct drift and drift from nontarget areas will be controlled by use of adequate ground cover (at least 3 inches of hay, alfalfa, pasture, etc.) when field spraying. Use ground equipment only when wind velocities, wind direction or other conditions, including but not limited to, high temperatures exceeding 80° F or direct sunlight exposure, do not favor drift. Application drift control devices are recommended for use with this product.

Note: Use of this product in any manner not consistent with this label may result in injury to persons, animals or crops, or other unintended consequences. Keep container closed to prevent spills and misuse.

MIXING, ADDITIVES AND APPLICATION INSTRUCTIONS

APPLY THESE SPRAY SOLUTIONS IN PROPERLY MAINTAINED AND CALIBRATED EQUIPMENT CAPABLE OF DELIVERING DESIRED VOLUMES. DO NOT APPLY WHEN WIND OR OTHER CONDITIONS FAVOR DRIFT. HANDGUN APPLICATIONS SHOULD BE PROPERLY DIRECTED TO AVOID SPRAYING DESIRABLE PLANTS.

Note: REDUCED RESULTS MAY OCCUR IF WATER CONTAINING SOIL IS USED, SUCH AS WATER FROM PONDS AND UNLINED DITCHES.

MIXING

This product mixes readily with water. Mix solutions of this product as follows: Fill the mixing or spray tank with the required amount of water. Add the recommended amount of this product (see the "DIRECTIONS FOR USE" and "WEEDS CONTROLLED" sections of this label) near the end of the filling process and mix well. Remove hose from tank immediately after filling to avoid siphoning back into the carrier source. During mixing and application, foaming of the spray solution may occur. To prevent or minimize foam, avoid the use of mechanical agitators, terminate bypass and return lines at the bottom of the tank and, if needed, use an approved anti-foam or defoaming agent.

TANK MIXTURES

Always predetermine the compatibility of labeled tank mixtures of this product with water carrier by mixing small proportional quantities to advance.

Mix labeled tank mixtures of this product with water as follows:

1. Place a 20- to 35-mesh screen or wetting basket over filling port.
2. Through the screen, fill the spray tank one-half full of water and add the required amount of this product. Close the fill-port.
3. If a wettable powder is used, make a slurry with the water carrier and add it SLOWLY through the screen into the tank. Continue agitation.
4. If a flowable formulation is used, premix one part flowable with one part water. Add diluted mixture SLOWLY through the screen into the tank. Continue agitation.
5. If an emulsifiable concentrate formulation is used, premix one part emulsifiable concentrate with two parts water. Add diluted mixture slowly through the screen into the tank. Continue agitation.
6. Continue filling the spray tank with water and add the required amount of this product near the end of the filling process.
7. Where non-ionic surfactant is recommended, add this to the spray tank before completing the filling process.
8. Add individual formulations to the spray tank as follows: wettable powder, flowable, emulsifiable concentrate, drift control additive, water-soluble liquid followed by surfactant.

Maintain good agitation at all times until the contents of the tank are sprayed. If the spray mixture is allowed to settle, thorough agitation is required to suspend the mixture before spraying is resumed. Keep bypass line on or near bottom of the tank to minimize foaming. Screen size in nozzle or line strainers should be no finer than 50-mesh. Carefully select proper nozzle to avoid spraying a fine mist. For optimal results with conventional ground application equipment, use flat fan nozzles. Clean sprayer and parts immediately after using this product by thoroughly flushing with water.

ADDITIVES

- Surfactants: Non-ionic surfactants that are labeled ‘for use with herbicides’ may be used. Do not reduce rates of this product when adding surfactant. When adding additional surfactant, use 0.5% surfactant concentration (2 quarts per 100 gallons of spray solution) when using surfactants that contain at least 70% active ingredient or a 1% surfactant concentration (4 quarts per 100 gallons of spray solution) for those surfactants containing less than 70% active ingredient. Read and carefully observe surfactant cautionary statements and other information appearing on the surfactant label.

Ammonium Sulfate: The addition of 0.5 to 2% dry ammonium sulfate or 3 to 12 pounds per 100 gallons of water may increase the performance of this product and this product plus 2,4-D, Banvel® or residual herbicide tank mixtures on Annual and Perennial weeds. The improvement in performance may be apparent where environmental stress is present. (PHysiologic stress) although this stress may contain material that will not readily dissolve, which could result in nozzle tip plugging. To determine quality, perform a jar test by adding 0.33 cup of ammonium sulfate to 1 gallon of water and agitate for 1 minute. If undissolved sediment is observed, predissolve the ammonium sulfate in water and filter prior to use. If necessary, ammonium sulfate is added directly to the spray tank, add slowly with agitation. Adding too quickly may clog outlet line. Ensure that ammonium sulfate is completely dissolved in the spray tank before adding herbicides or surfactant. Thoroughly rinse the spray equipment with clean water to reduce corrosion.

Note: The use of ammonium sulfate as an additive does not preclude the need for additional surfactant. Do not use herbicide rates lower than recommended in this label. 

IMITATOR DA Page 2 of 22
**APPLICATION EQUIPMENT AND TECHNIQUES**

Do not apply this product through any type of irrigation system. This product may be applied with the following application equipment:

- **Aerial** — Fixed-wing and helicopter.
- **Broadcast Spray**
- **Controlled Droplet Applicator (CDA)** — Handheld or boom-mounted applicators that produce a spray consisting of a narrow range of droplet sizes.
- **Handheld and High-volume Spray Equipment** — Knapsack and backpack sprayers, pump-up pressure sprayers, handguns, handwands, mistblowers*,lances and other handheld and motorized spray equipment used to direct the spray into weed foliage.
- **Selective Equipment** — Recirculating sprayers, shielded sprayers and wiper applicators.

See the appropriate part of this section for specific instructions and rates of application.

**AERIAL EQUIPMENT**

Use the recommended rates of this herbicide in 3 to 15 gallons of water per acre unless otherwise specified on this label. See the "WEEDS CONTROLLED" section of this label for specific rates. Unless otherwise specified, do not exceed 1 quart per acre. Aerial applications of this product may be made in annual cropping conventional tillage systems, fallow and reduced-tillage systems, pre-harvest, silvicultural sites and right-of-ways. Refer to the individual area sections of this label for recommended volumes and application rates.

Avoid direct application to any body of water.

**AERIAL EQUIPMENT**

**Avoid DRIFT** — DO NOT APPLY DURING LOW-LEVEL INVERSION CONDITIONS (WINDS ARE GUSTY OR UNDER ANY OTHER CONDITION WHICH FAVORS DRIFT. DRIFT MAY CAUSE DAMAGE TO ANY VEGETATION CONTACTED TO WHICH TREATMENT IS NOT INTENDED. TO PREVENT INJURY TO ADJACENT DESIRABLE VEGETATION, APPROPRIATE BUFFER ZONES MUST BE MAINTAINED. Coarse sprays are less likely to drift; therefore, do not use nozzles or nozzle configurations that dispense spray as fine spray droplets. Do not angle nozzles forward into the airstream and do not increase spray volume by increasing nozzle pressure.

**Drift Control Additives**

Drift control additives may be used. When a drift control additive is used, read and carefully observe the cautionary statements and all other information appearing on the additive label.

**Saturate Equipment**

See the appropriate part of this section for specific instructions and rates of application.

**AERIAL EQUIPMENT**

- **Broadcast Equipment**
- **Controlled Droplet Application (CDA)**
- **Handheld and High-volume Spray Equipment**
- **Selective Equipment**

**Saturate Equipment**

Avoiding drift spray at the application site is the responsibility of the applicator. The interaction of many equipment-and-weather-related factors determine the potential for spray drift. The applicator and the grower are responsible for considering all these factors when making decisions. The following drift management requirements must be followed to avoid off-target drift movement from aerial applications to agricultural field crops. These requirements do not apply to forestry applications, public health uses or to applications using dry formulations.

1. The distance of the outer most nozzles on the boom must not exceed 3/4 the length of the wingspan or rotor.
2. Nozzles must always point backwards parallel to the airstream and never be pointed downward more than 45 degrees. Where states have more stringent regulations, they should be observed.
3. The applicator should be familiar with and take into account the information covered in the "Aerial Drift Reduction Advisory Information."

**Importance of Droplet Size**

The most effective way to reduce drift potential is to apply large droplets. The best drift management strategy is to apply the largest droplets that provide sufficient coverage and control. Applying larger droplets reduces drift potential, but will not prevent drift if applications are made improperly, or under unfavorable environmental conditions (see Wind, Temperature and Humidity, and Temperature Inversion section of this label).

**Controlling Droplet Size**

- **Volume** — Use high flow rate nozzles to apply the highest practical spray volume. Nozzles with higher rated flows produce larger droplets.
- **Pressure** — Use the lower spray pressures recommended for the nozzle. Higher pressure reduces droplet size and does not improve canopy penetration. When higher flow rates are needed, use higher flow rate nozzles instead of increasing pressure.

**Number of nozzles** — Use the minimum number of nozzles that provide uniform coverage.

**Nozzle Orientation** — Orienting nozzles so that the spray is released backwards, parallel to the airstream 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-drift nozzles. Solid stream nozzles oriented straight back produce larger droplets than other nozzle types.

**Booth Length** — For some use patterns, reducing the effective boom length to less than 3/4 of the wingspan or rotor length may further reduce drift without reducing swath width.

**Application** — Application should not be made at a height greater than 10 feet above the top of the largest plants unless a greater height is required for aircraft safety. Making applications at the lowest height that is safe reduces exposure of drift to evaporation and wind.

**Swath Adjustment**

When applications are made with a cross-wind, the swath will be displaced downward. Therefore, on the up and downwind edges of the field, the applicator must compensate for this displacement by adjusting the position of the aircraft upwind. Swath adjustment distance should increase, with increasing drift potential (higher wind, smaller drops, etc.).

**Wind**

Wind is the potential to the lowest wind speeds of 2-10 mph. However, many factors, including droplet size and equipment type determine drift potential at any given speed. Application should be avoided below 2 mph due to variable wind direction and high inversion potential. Note: Local terrain can influence wind patterns. Every applicator should be familiar with local wind patterns and how they affect drift.

**Temperature and Humidity**

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

**Temperature Inversions**

Applications should not occur during a temperature inversion, because drift potential is high. Temperature inversions restrict vertical air mixing, which causes small suspended droplets to remain in a concentrated cloud. This cloud can move in unpredictable directions due to light variable winds common during inversions. Temperature inversions are characterized by increasing temperatures with altitude and are common on nights with limited cloud cover and light to no wind. They begin to form as the sun sets and often continue through the morning. Their presence can be indicated by ground fog; however, if fog is not present, inversions can also be identified by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a connected cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing.

**Sensitive Areas**

The potential fuel only when applied between the time of low or drift to adjacent areas (e.g., residential areas, bodies of water, known habitat for threatened or endangered species, non-target crops) is minimal (e.g., when wind is blowing away from the sensitive areas).

**BROADCAST EQUIPMENT**

**For control of Annual or Perennial weeds listed on this label using broadcast equipment** — Use the recommended rates of this product in 3 to 40 gallons of water per acre as a broadcast spray unless otherwise specified on this label. See the "WEEDS CONTROLLED" section of this label for specific rates. As density of weeds increases, spray volume should be increased within the recommended range to ensure complete coverage. Carefully select proper nozzle to avoid spraying a fine mist. For best results with ground application equipment, use flat fan nozzles. Check for even distribution of spray droplets.

**CONTROLLED DROPLET APPLICATION (CDA)**

The rate of this product applied per acre by vehicle-mounted CDA equipment must not be less than the amount recommended in this label when applied by conventional broadcast equipment. For vehicle-mounted CDA equipment, apply 3 to 15 gallons of water per acre. For the control of labeled Annual weeds with handheld CDA units, apply a 20% solution of this product at a flow rate of 2 fluid ounces per minute and a walking speed of 3.5 MPH (1 quart per acre). For the control of labeled Perennial weeds, apply a 20 to 40% solution of this product at a flow rate of 2 fluid ounces per minute and a walking speed of 0.75 MPH (2 to 4 quarts per acre). Controlled droplet application equipment uses a spray pattern that is not easily visible. Extreme care should be exercised to avoid spray or drift contacting the foliage or any other green tissue of desirable vegetation, as damage or destruction may result.

**HANDHELD AND HIGH-VOLUME EQUIPMENT**

Use coarse sprays only. Mix this product in clean water and apply to follow-up vegetation to be controlled. For applications mixed in a spray-to-wet basis, spray coverage should be uniform and complete. Do not spray to the point of runoff.

For control of Annual weeds listed on this label, apply a 0.5% solution of this product plus non-ionic surfactant to weeds less than 6 inches in height or runner length. Apply prior to seed-head formation in Grass or bud formation in Broadleaf weeds. Allow 3 or more days before tillage or mowing.

*This product is not registered in CA or AZ for use in mistblowers.*

**IMITATOR DA Page 3 of 22**
For Annual weeds over 6 inches tall, or when not using additional surfactant, or unless otherwise specified, use a 1% solution. For best results, use a 2% solution on harder-to-control Perennials, such as Bermudagrass, Canada thistle, Dock, Field bindweed, Hemp dogbane and Milkweed.

When using application methods that result in less than complete coverage, use a 5 to 10% solution for Annual and Perennial weeds or for Woody brush and Trees.

Prepare the desired volume of spray solution by mixing the amount of this product in water as shown in the following table:

<table>
<thead>
<tr>
<th>Desired Volume</th>
<th>Amount of This Product</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.5%</td>
<td>1%</td>
</tr>
<tr>
<td>1 Gallon</td>
<td>0.68 oz.</td>
</tr>
<tr>
<td>25 Gallons</td>
<td>1 pt.</td>
</tr>
<tr>
<td>100 Gallons</td>
<td>2 qts.</td>
</tr>
</tbody>
</table>

2 tablespoons = 1 fluid ounce

For use in knapsack sprayers, it is suggested that the recommended amount of this product be mixed with water in a larger container. Fill sprayer with the mixed solution.

**SELECTIVE EQUIPMENT**

This product may be applied through a recirculating spray system, a shielded applicator or a wiper applicator after dilution and thorough mixing with water to listed weeds growing in any non-crop site specified on this label and only when specifically recommended in cropping systems.

A recirculating spray system directs the spray solution onto weeds growing above desirable vegetation, while spray solution not intercepted by weeds is collected and returned to the spray tank for reuse. A shielded applicator directs the herbicide solution onto weeds, while shielding desirable vegetation from the herbicide. A wiper applicator applies the herbicide solution onto weeds by rubbing the weed with an absorbent material containing the herbicide solution.

**AVOID CONTACT WITH DESIRABLE VEGETATION.**

Contact of the herbicide solution with desirable vegetation may result in damage or destruction. Applicators used above desired vegetation should be adjusted so that the lowest spray stream or wiper contact point is at least 2 inches above the desirable vegetation. Droplets, mist, foam or splatter of the herbicide solution settling on desirable vegetation may result in discoloration, stunting or destruction.

Applications made above the crops should be made when the weeds are a minimum of 6 inches above the desirable vegetation. Better results may be obtained when more of the weed is exposed to the herbicide solution. Weeds not contacted by the herbicide solution will not be affected. This may occur in dense clumps, severe infestations or when the height of the weeds varies so that not all weeds are contacted. In these instances, repeat treatments may be necessary.

**Shielded and Hooded Applicators**

When applied as directed under conditions specified for shielded applicators, this product will control those weeds listed in the “WEEDS CONTROLLED” section of this label. Use the following equation to convert from a broadcast rate per acre to a band rate per acre:

\[ \text{Band width in inches} \times \frac{\text{Herbicide broadcast rate per acre}}{\text{Broadcast volume of solution per acre}} = \frac{\text{Herbicide band rate per acre}}{\text{Band volume of solution per acre}} \]

Use nozzles that provide uniform coverage within the treated area. Keep shields on shielded sprayers adjusted to protect desirable vegetation. EXTREME CARE MUST BE EXERCISED TO AVOID CONTACT WITH DESIRABLE VEGETATION.

For specific rates of application and instructions for control of various Annual weeds and Perennial weeds, see the “WEEDS CONTROLLED” section of this label.

**Wiper Applicators and Sponge Bars**

Wiper applicators are devices that physically wipe appropriate amounts of this product directly onto the weed. Equipment must be designed, maintained and operated to prevent the herbicide solution from contacting desirable vegetation. Operate this equipment at ground speeds no greater than 5 mph. Performance may be improved by reducing speed in areas of heavy weed infestations to ensure adequate wiper saturation. Better results may be obtained if 2 applications are made in opposite directions. Avoid leakage or dripping onto desirable vegetation. Adjust height of applicator to ensure adequate contact with weeds. Keep wiping surfaces clean. Be aware that, on sloping ground, the herbicide solution may migrate causing dripping on the lower end and drying of the wicks on the upper end of a wiper applicator.

Do not use wiper equipment when weeds are wet.

Mix only the amount of solution to be used during a 1-day period, as reduced activity may result from use of leftover solutions. Clean wiper parts immediately after using this product by thoroughly flushing with water. Do not add surfactant to the herbicide solution.

**For rope or sponge wick applicators** — Mix 1 gallon of this product in 2 gallons of water to prepare a 33% solution. Apply this solution to weeds listed in this “Wiper Applicators” section.

**For porous-plastic applicators** — Solutions ranging from 33% to 100% of this product in water may be used in porous-plastic wiper applicators.

When applied as recommended under the conditions described for “Wiper Applicators”, this product CONTROLS the following weeds:

<table>
<thead>
<tr>
<th>Annual Grasses</th>
<th>Rye, common</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zea mays</td>
<td>Secale cereale</td>
</tr>
<tr>
<td>Panicum texanum</td>
<td>Sorghum bicolor</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Annual Broadleaves</th>
<th>Sicklepod</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cassia obtusifolia</td>
<td>Starbur, bristy</td>
</tr>
<tr>
<td>Bidens bipinata</td>
<td>Acanthospermum hispidum</td>
</tr>
</tbody>
</table>

When applied as recommended under the conditions described for “Wiper Applicators”, this product SUPPRESSES the following weeds:

<table>
<thead>
<tr>
<th>Annual Broadleaves</th>
<th>Sicklepod</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beggarweed, Florida</td>
<td>Ragweed, giant</td>
</tr>
<tr>
<td>Desmodium tortuosum</td>
<td>Ambrosia trifida</td>
</tr>
<tr>
<td>Dogfennel</td>
<td>Sunflower</td>
</tr>
<tr>
<td>Eupatorium capilliflorum</td>
<td>Helianthus annuus</td>
</tr>
<tr>
<td>Pigweed, redroot</td>
<td>Thistle, milk</td>
</tr>
<tr>
<td>Amaranthus retroflexus</td>
<td>Cardhuus notans</td>
</tr>
<tr>
<td>Ragweed, common</td>
<td>Velvetleaf</td>
</tr>
<tr>
<td>Ambrosia artemisiifolia</td>
<td>Abutilon theophrasti</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Perennial Grasses</th>
<th>Annual Broadleaves</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bermudagrass</td>
<td>Beggarweed, Florida</td>
</tr>
<tr>
<td>Cynodon dactylon</td>
<td>Desmodium tortuosum</td>
</tr>
<tr>
<td>Guineagrass</td>
<td>Dogfennel</td>
</tr>
<tr>
<td>Panicum maximum</td>
<td>Pigweed, redroot</td>
</tr>
<tr>
<td>Johnsongrass</td>
<td>Amaranthus retroflexus</td>
</tr>
<tr>
<td>Sorghum halepense</td>
<td>Ragweed, common</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Perennial Broadleaves</th>
<th>Sicklepod</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dogbane, hemp</td>
<td>Sperobolus poirol</td>
</tr>
<tr>
<td>Apocynum cannabinum</td>
<td>Vaseygrass</td>
</tr>
<tr>
<td>Milkwed</td>
<td>Paspalum urvillei</td>
</tr>
<tr>
<td>Asclepias syriaca</td>
<td>Nightshade, silverleaf</td>
</tr>
<tr>
<td></td>
<td>Solanum eleagnifolium</td>
</tr>
<tr>
<td></td>
<td>Thistle, Canada</td>
</tr>
<tr>
<td></td>
<td>Cirsium arvense</td>
</tr>
</tbody>
</table>

**WEEDS CONTROLLED**

This herbicide controls many Annual and Perennial grasses and Broadleaf weeds.

**ANNUAL WEEDS**

- Apply to actively growing Grass and Broadleaf weeds.
- Allow at least 3 days after treatment before tillage.
- For maximum agronomic benefit, apply when weeds are 6 inches or less in height.
- To prevent seed production, applications should be made prior to seedhead formation.
- This product does not provide residual control; therefore, delay application until maximum weed emergence. Repeat treatments may be necessary to control later germinating weeds.

**Low-Volume Broadcast Application (Low-Rate Technology)** When applied as directed under the conditions described, this product will control the weeds listed below when:

1. Water carrier volumes of 3 to 10 gallons per acre for ground applications and 3 to 5 gallons per acre for aerial applications are recommended. (See the “AERAL EQUIPMENT” section of this label for approved sites.)

2. A non-ionic surfactant is added at 0.5 to 1% by total spray volume. Use 0.5% surfactant concentration when using surfactants which contain at least 70% active ingredient or a 1% surfactant concentration for those surfactants containing less than 70% active ingredient.

**Notes:**

- The addition of 2% dry ammonium sulfate by weight or 17 pounds per 100 gallons of water may increase the performance of this product on Annual weeds. The improvement in performance may be apparent where environmental stress is a concern. Refer to the “MIXING, ADDITIVES AND APPLICATION INSTRUCTIONS” section of this label.
Do not tank-mix with soil residual herbicides when using these rates unless otherwise specified.
For weeds that have been mowed, grazed or cut, allow regrowth to occur prior to treatment.
Refer to the “TANK MIXTURES” portion of this section for control of additional Broadleaf weeds.

### Tank Mixtures

This Product plus Banvel or 2,4-D plus non-ionic surfactant
DO NOT APPLY BANVEL OR 2,4-D TANK MIXTURES BY AIR IN CA

These tank mixtures are recommended for use in fallow and reduced-tillage areas only. Follow use directions as given in the "Low-Volume Broadcast Application" section.
This product plus Banvel or 2,4-D will control the Annual grasses and Broadleaf weeds listed for this product alone at the indicated heights (except 8 fluid ounces per acre applications), plus the following Broadleaf weeds. For those weeds previously listed at 8 fluid ounces of this product alone per acre, use 12 fluid ounces in these tank mixtures.

*Note: Refer to the specific product labels for crop rotation restrictions and cautionary statements for all products used in tank mixtures. Some crop injury may occur if Banvel is applied within 45 days of planting. The addition of Banvel in a mixture with this product may provide short-term residual control of selected weed species. Apply 12 to 16 fluid ounces of this product plus 0.25 pound active ingredient of Banvel or 0.5 pound active ingredient of 2,4-D, plus 0.5 to 1% non-ionic surfactant by total spray volume per acre to control dense populations of the following Annual and Broadleaf weeds listed for this product alone at the indicated heights when less than the height indicated:

#### Weed Species

<table>
<thead>
<tr>
<th>Weed Species</th>
<th>Maximum Height-Length</th>
<th>Rate per Acre*</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Foxtail</strong></td>
<td>12 inches</td>
<td>8 fl. ozs.</td>
</tr>
<tr>
<td><strong>Barnyardgrass</strong></td>
<td>6 inches</td>
<td>12 fl. ozs.</td>
</tr>
<tr>
<td><strong>Bluegrass, annual</strong></td>
<td>6 inches</td>
<td>12 fl. ozs.</td>
</tr>
<tr>
<td><strong>Mustard, blue</strong></td>
<td>6 inches</td>
<td>16 fl. ozs.</td>
</tr>
<tr>
<td><strong>Descurainia pinnata</strong></td>
<td>6 inches</td>
<td>24 fl. ozs.</td>
</tr>
<tr>
<td><strong>Brome, downy</strong></td>
<td>6 inches</td>
<td>12 fl. ozs.</td>
</tr>
<tr>
<td><strong>Bromus tectorum</strong></td>
<td>6 inches</td>
<td>12 fl. ozs.</td>
</tr>
<tr>
<td><strong>Mustard, tansy</strong></td>
<td>6 inches</td>
<td>12 fl. ozs.</td>
</tr>
<tr>
<td><strong>Sisymbrium altissimum</strong></td>
<td>6 inches</td>
<td>12 fl. ozs.</td>
</tr>
<tr>
<td><strong>Brassica kaber</strong></td>
<td>6 inches</td>
<td>12 fl. ozs.</td>
</tr>
<tr>
<td><strong>Eragrostis ciliaris</strong></td>
<td>6 inches</td>
<td>12 fl. ozs.</td>
</tr>
<tr>
<td><strong>Wheat</strong></td>
<td>18 inches</td>
<td>12 fl. ozs.</td>
</tr>
<tr>
<td><strong>Morning glory</strong></td>
<td>2 inches</td>
<td>16 fl. ozs.</td>
</tr>
<tr>
<td><strong>Sicklepod</strong></td>
<td>2 inches</td>
<td>16 fl. ozs.</td>
</tr>
<tr>
<td><strong>Bluegrass, bulbous</strong></td>
<td>6 inches</td>
<td>16 fl. ozs.</td>
</tr>
<tr>
<td><strong>Chickweed, common</strong></td>
<td>6 inches</td>
<td>16 fl. ozs.</td>
</tr>
<tr>
<td><strong>Corn</strong></td>
<td>12 inches</td>
<td>12 fl. ozs.</td>
</tr>
<tr>
<td><strong>Goatgrass, jointed</strong></td>
<td>2 inches</td>
<td>16 fl. ozs.</td>
</tr>
<tr>
<td><strong>Goundsel, common</strong></td>
<td>2 inches</td>
<td>16 fl. ozs.</td>
</tr>
<tr>
<td><strong>Henbit</strong></td>
<td>2 inches</td>
<td>16 fl. ozs.</td>
</tr>
<tr>
<td><strong>Horseweed, marestail</strong></td>
<td>2 inches</td>
<td>16 fl. ozs.</td>
</tr>
<tr>
<td><strong>Lambquarters, common</strong></td>
<td>2 inches</td>
<td>16 fl. ozs.</td>
</tr>
<tr>
<td><strong>Pennycress, field (fanweed)</strong></td>
<td>2 inches</td>
<td>16 fl. ozs.</td>
</tr>
<tr>
<td><strong>Asplenium viride</strong></td>
<td>2 inches</td>
<td>16 fl. ozs.</td>
</tr>
<tr>
<td><strong>Beta vulgaris</strong></td>
<td>2 inches</td>
<td>16 fl. ozs.</td>
</tr>
<tr>
<td><strong>Brassica rapa</strong></td>
<td>2 inches</td>
<td>16 fl. ozs.</td>
</tr>
<tr>
<td><strong>Brassica nigra</strong></td>
<td>2 inches</td>
<td>16 fl. ozs.</td>
</tr>
<tr>
<td><strong>Bryophyllum pinnatum</strong></td>
<td>2 inches</td>
<td>16 fl. ozs.</td>
</tr>
<tr>
<td><strong>Ranunculus spp.</strong></td>
<td>12 inches</td>
<td>16 fl. ozs.</td>
</tr>
<tr>
<td><strong>Cocklebur</strong></td>
<td>12 inches</td>
<td>16 fl. ozs.</td>
</tr>
<tr>
<td><strong>Crabgrass</strong></td>
<td>12 inches</td>
<td>16 fl. ozs.</td>
</tr>
<tr>
<td><strong>Dwarfandelion</strong></td>
<td>12 inches</td>
<td>16 fl. ozs.</td>
</tr>
<tr>
<td><strong>Falseflox, smallseed</strong></td>
<td>12 inches</td>
<td>16 fl. ozs.</td>
</tr>
<tr>
<td><strong>Camelina microcarpa</strong></td>
<td>12 inches</td>
<td>16 fl. ozs.</td>
</tr>
</tbody>
</table>

*For those rates less than 32 fl. ozs. per acre, this product at rates up to 32 fl. ozs. per acre may be used where heavy Weed densities exist.

#### Weed Species (Cont.)

<table>
<thead>
<tr>
<th>Weed Species</th>
<th>Maximum Height-Length</th>
<th>Rate per Acre*</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Foxtail, Carolina</strong></td>
<td>12 inches</td>
<td>16 fl. ozs.</td>
</tr>
<tr>
<td><strong>Johnsongrass, seedling</strong></td>
<td>12 inches</td>
<td>16 fl. ozs.</td>
</tr>
<tr>
<td><strong>Sorghum halepense</strong></td>
<td>12 inches</td>
<td>16 fl. ozs.</td>
</tr>
<tr>
<td><strong>Oats, wild</strong></td>
<td>12 inches</td>
<td>16 fl. ozs.</td>
</tr>
<tr>
<td><strong>Panicle, tall</strong></td>
<td>12 inches</td>
<td>16 fl. ozs.</td>
</tr>
<tr>
<td><strong>Panicle, Texas</strong></td>
<td>12 inches</td>
<td>16 fl. ozs.</td>
</tr>
<tr>
<td><strong>Sago palm</strong></td>
<td>12 inches</td>
<td>16 fl. ozs.</td>
</tr>
<tr>
<td><strong>Pigweed, redroot</strong></td>
<td>4 inches</td>
<td>24 fl. ozs.</td>
</tr>
<tr>
<td><strong>Pigweed, smooth</strong></td>
<td>4 inches</td>
<td>24 fl. ozs.</td>
</tr>
<tr>
<td><strong>Amaranthus hybridus</strong></td>
<td>4 inches</td>
<td>24 fl. ozs.</td>
</tr>
<tr>
<td><strong>Amaranthus retroflexus</strong></td>
<td>4 inches</td>
<td>24 fl. ozs.</td>
</tr>
<tr>
<td><strong>Brachiaria platyphylla</strong></td>
<td>4 inches</td>
<td>24 fl. ozs.</td>
</tr>
<tr>
<td><strong>Brachytrum marestail</strong></td>
<td>4 inches</td>
<td>24 fl. ozs.</td>
</tr>
<tr>
<td><strong>Conyza canadensis</strong></td>
<td>4 inches</td>
<td>24 fl. ozs.</td>
</tr>
<tr>
<td><strong>Cheynopodium album</strong></td>
<td>4 inches</td>
<td>24 fl. ozs.</td>
</tr>
<tr>
<td><strong>Euphorbia spp</strong></td>
<td>4 inches</td>
<td>24 fl. ozs.</td>
</tr>
<tr>
<td><strong>Oryza sativa</strong></td>
<td>4 inches</td>
<td>32 fl. ozs.</td>
</tr>
<tr>
<td><strong>Sida spinosa</strong></td>
<td>4 inches</td>
<td>32 fl. ozs.</td>
</tr>
<tr>
<td><strong>Cassia obtusifolia</strong></td>
<td>4 inches</td>
<td>32 fl. ozs.</td>
</tr>
<tr>
<td><strong>Germium carbonarium</strong></td>
<td>4 inches</td>
<td>32 fl. ozs.</td>
</tr>
<tr>
<td><strong>Elymus indica</strong></td>
<td>4 inches</td>
<td>32 fl. ozs.</td>
</tr>
<tr>
<td><strong>Oenothera laciniata</strong></td>
<td>4 inches</td>
<td>32 fl. ozs.</td>
</tr>
<tr>
<td><strong>Richardia scabra</strong></td>
<td>4 inches</td>
<td>32 fl. ozs.</td>
</tr>
<tr>
<td><strong>Cassia obtusifolia</strong></td>
<td>4 inches</td>
<td>32 fl. ozs.</td>
</tr>
<tr>
<td><strong>Bidens bipinnata</strong></td>
<td>4 inches</td>
<td>32 fl. ozs.</td>
</tr>
<tr>
<td><strong>Erodium spp</strong></td>
<td>12 inches</td>
<td>48 fl. ozs.</td>
</tr>
</tbody>
</table>

*For those rates less than 32 fl. ozs. per acre, this product at rates up to 32 fl. ozs. per acre may be used where heavy Weed densities exist.

(Continued)
Apply 16 fluid ounces of this product plus 0.5 pound active ingredient of 2,4-D, plus 0.5 to 1% non-ionic surfactant by total spray volume per acre to control the following Annual broadleaf weeds when less than 6 inches in height.

**Ragweed, common**
Ambrosia artemisiafolia

**Ragweed, giant**
Ambrosia trifida

**Morning glory (6 inches)**
Ipomoea spp.

**Pigweed, redroot (12 inches)**
Amaranthus retroflexus

**Pigweed, smooth (12 inches)**
Amaranthus hybridus

**Thistle, Russian (12 inches)**
Salsola kali

**High-Volume Broadcast Applications**

When applied as directed under the conditions described, this product will control the weeds listed below when water carrier volumes are 10 to 40 gallons per acre for ground applications. Apply 1 to 1.5 quarts of this product per acre plus 0.5 to 1% non-ionic surfactant by total spray volume. Use 1 quart per acre if weeds are less than 6 inches tall and 1.5 quarts per acre if weeds are over 6 inches tall. If weeds have been mowed, grazed or cut, allow adequate time for new growth to reach recommended stages prior to treatment. These rates will also provide control of weeds listed in the “Low-Volume Broadcast Application” section.

**Perennial Weeds**

Apply this product as follows to control or destroy most Perennial weeds:

**Note:** If weeds have been mowed or tilled, do not treat until plants have resumed active growth and have reached the recommended stages. Repeat treatments may be necessary to control weeds regenerating from underground parts or seed. Repeat treatments must be made prior to crop emergence.

The addition of 1 to 2% dry ammonium sulfate by weight or 8.5 to 17 pounds per 100 gallons of water may increase the performance of this product on Perennial weeds. The improvement in the performance may be apparent where environmental stress is a concern. Refer to the “MIXING, ADDITIVES AND APPLICATION INSTRUCTIONS” section of this label.

When applied as recommended under the conditions described, this product **WILL CONTROL** the following Perennial weeds:

**Alfalfa**
Medicago sativa

**Alligatorweed**
Alternanthera philoxeroides

**Anise (fennel)**
Foeniculum vulgare

**Arctophyllum Jerusalem**
Helianthus tuberosus

**Bahiagrass**
Paspalum notatum

**Bentgrass**
Agrostis spp.

**Bermudagrass**
Cynodon dactylon

**Canarygrass, reed**
Phalaris arundinacea

**Cat tail**
Typha spp.

**Clover, red**
Trifolium pratense

**Clover, white**
Trifolium repens

**Cone grass**
Imperata cylindrica

**Dallisgrass**
Paspalum dilatatum

**Dandelion**
Taraxacum officinale

**Dock, curly**
Rumex crispus

**Dogbane, hemp**
Apocynum cannabinum

**Fescue**
Festuca spp.

**Fescue, tall**
Festuca arundinacea

**Guineagrass**
Panicum maximum

**Horsenettle**
Solandra carolinense

**Hors eradish**
Acmoracia rusticana

**Ice plant**
Mesembryanthemum crystallinum

**Johnsongrass**
Stenomphale halepense

**Kikuyugrass**
Pennisetum clandestinum

**Knapsedge**
Circaea repens

**Lantana**
Lantana camara

**Lespedeza**
L. lespedeza spp.

**Milkweed**
Asclepias spp.

**Muhly, wirestem**
Muhlenbergia frondosa

**Mullein, common**
Verbascum thapsus

**Napiergrass**
Pennisetum purpureum

**Nightshade, silverleaf**
Solanum elaeagnifolium

**Nutsedge, purple, yellow**
Cyperus rotundus

**Cyperus esculentus**

**Orchardgrass**
Dactylis glomerata

**Pampasgrass**
Cortaderia sp.

**Paragras**
Brachylia mutica

**Phragmites**
*Caria sp.

**Poison hemlock**
Conium maculatum

**Quackgrass**
Elytrigia repens

**Redvine**
Brunichia ovata

**Rye grass, perennial**
Lolium perenne

**Smartweed, swamp**
Polygonum coccineum

**Spurge, leafy**
Euphorbia esula

**Starthistle, yellow**
Centaurea solstitialis

**Sweet potato, wild**
Ipomoea purpurea

**Thistle, Canada**
Cirsium arvense

**Thistle, artichoke**
Cynara cardunculus

**Timothy**
Phleum pratense

**Torpedogras**
Panicum repens

**Trumpet creeper**
Campsis radicans

**Vaseygrass**
Paspalum urvilleanum

**Velvet grass**
Holcus spp.

**Wheatgrass, western**
Agropyron smithii

**Bermuda**
Cynodon dactylon

**Bermudagrass, water (Knotgrass)**
Paspalum distichum

**Bird foot trefoil**
Lotus corniculatus

**Canarygrass, reed**
Phalaris arundinacea

**Cat tail**
Typha spp.

**Clover, red**
Trifolium pratense

**Clover, white**
Trifolium repens

**Cone grass**
Imperata cylindrica

**Dallisgrass**
Paspalum dilatatum

**Dandelion**
Taraxacum officinale

**Dock, curly**
Rumex crispus

**Dogbane, hemp**
Apocynum cannabinum

**Fescue**
Festuca spp.

**Fescue, tall**
Festuca arundinacea

**Guineagrass**
Panicum maximum

**Horsenettle**
Solandra carolinense

**Hors eradish**
Acmoracia rusticana

**Ice plant**
Mesembryanthemum crystallinum

**Johnsongrass**
Stenomphale halepense

**Kikuyugrass**
Pennisetum clandestinum

**Knapsedge**
Circaea repens

**Lantana**
Lantana camara

**Lespedeza**
L. lespedeza spp.

**Milkweed**
Asclepias spp.

**Muhly, wirestem**
Muhlenbergia frondosa

**Mullein, common**
Verbascum thapsus

**Napiergrass**
Pennisetum purpureum

**Nightshade, silverleaf**
Solanum elaeagnifolium

**Nutsedge, purple, yellow**
Cyperus rotundus

**Cyperus esculentus**

**Orchardgrass**
Dactylis glomerata

**Pampasgrass**
Cortaderia sp.

**Paragras**
Brachylia mutica

**Phragmites**
*Caria sp.

**Poison hemlock**
Conium maculatum

**Quackgrass**
Elytrigia repens

**Redvine**
Brunichia ovata

**Rye grass, perennial**
Lolium perenne

**Smartweed, swamp**
Polygonum coccineum

**Spurge, leafy**
Euphorbia esula

**Starthistle, yellow**
Centaurea solstitialis

**Sweet potato, wild**
Ipomoea purpurea

**Thistle, Canada**
Cirsium arvense

**Thistle, artichoke**
Cynara cardunculus

**Timothy**
Phleum pratense

**Torpedogras**
Panicum repens

**Trumpet creeper**
Campsis radicans

**Vaseygrass**
Paspalum urvilleanum

**Velvet grass**
Holcus spp.

**Wheatgrass, western**
Agropyron smithii

**This product is not registered in CA for use on water.**

See “DIRECTIONS FOR USE” and “MIXING, ADDITIVES AND APPLICATION INSTRUCTIONS” sections of this label for labeled uses and specific application instructions.

**Alfalfa**—Apply 1 quart of this product per acre plus 0.5 to 1% non-ionic surfactant by total spray volume in 3 to 10 gallons of water per acre. Make application after the last hay cutting in the Fall. Apply Alfalfa to regrow to a height of 6 to 8 inches or more prior to treatment. Application should be followed with deep tillage at least 7 days after treatment, but before soil freeze-up.

**Alligatorweed**—Apply 4 quarts of this product per acre or apply a 1.5% solution with handheld equipment to provide partial control. Apply when most of the plants are in bloom. Repeat applications will be required to maintain such control.

**Anise (Fennel), Poison hemlock**—Apply 1 to 2% of this product as a spray-to-wet treatment. Optimum results are obtained when plants are treated at the bud to full-bloom stage of growth. Repeat applications may be needed in succeeding years to control plants arising from seeds.

**Bentgrass**—For suppression in Grass seed production areas. For ground applications only, apply 1.5 quarts of this product plus 0.5 to 1% non-ionic surfactant by total spray volume in 10 to 20 gallons of water per acre. Ensure entire crown areas has resumed growth prior to Fall applications. Bentgrass should be actively growing and have at least 3 inches of growth. Tillage prior to treatment should be avoided. Tillage to 7 to 10 days after application is recommended for best results. Failure to use tillage after treatment may result in unacceptable control.

**Bermudagrass**—For control, apply 5 quarts of this product per acre. For partial control, apply 3 quarts per acre. Treat when Bermudagrass is actively growing and seedheads are present. Re-treatment may be necessary to maintain control. Allow 7 or more days after application before tillage.

**Bermudagrass, water (Knotgrass)**—Apply 1.5 quarts of this product plus 0.5 to 1% non-ionic surfactant by total spray volume in 5 to 10 gallons of water per acre. Apply when Water bermudagrass is actively growing and 12 to 18 inches in length. Allow 7 or more days before tilling, flushing or flooding the field.
Fall applications only — Apply 1 quart of this product plus 0.5 to 1% non-ionic surfactant by total spray volume in 5 to 10 gallons of water per acre. Fallow fields should be tilled prior to application. Apply prior to frost on water bermudagrass that is actively growing and 12 to 18 inches tall. Allow 7 or more days after application before tillage.

**Bindweed (Field)** — For control, apply 4 to 5 quarts of this product per acre West of the Mississippi River and 3 to 4 quarts East of the Mississippi River. Apply when the weeds are actively growing and are at or beyond the late bud stage of growth. Do not treat when weeds are under drought stress as good soil moisture is necessary for active growth. For best results, apply in late Summer or Fall. Fall treatments must be applied before a killing frost. Allow 7 or more days after application before tillage.

Also for control, apply 2 quarts of this product plus 0.5 pound active ingredient of Banvel in 10 to 20 gallons of water per acre. At these rates, apply using ground application only.

The following tank mixtures with 2,4-D may be applied using aerial application equipment (except in CA) in fallow and reduced tillage systems only.

For suppression on irrigated agricultural land, apply 1 to 2 quarts of this product plus 1 pound active ingredient of 2,4-D in 10 to 20 gallons of water per acre with ground equipment only. Applications should be made during the late bloom stage to when the Bindweed is actively growing and the majority of runners are 12 inches or more in length. The use of at least one irrigation will promote active Bindweed growth.

For suppression, apply 16 fluid ounces of this product plus 0.5 pound active ingredient of 2,4-D plus 0.5 to 1% non-ionic surfactant by total spray volume in 3 to 10 gallons of water per acre for ground applications and 3 to 5 gallons of water per acre for aerial applications. Applications should be made during the late bloom to when most of the Bindweed has reached at least 12 inches tall for Spring applications and 6 or more inches of new growth after the bloom stage of growth. For partial control in pastures or fields, allow 3 days after treatment before tillage.

**Bluegrass (Kentucky) (Bromegrass, Smooth)**, Orchardgrass — Apply 2 quarts of this product per acre in 10 to 40 gallons of water per acre when the Grasses are actively growing and most plants have reached boot-to-early seedhead stage of development. For partial control in pasture or hay crop regeneration, apply 1 to 1.5 quarts of this product plus 0.5 to 1% non-ionic surfactant by total spray volume in 3 to 10 gallons of water per acre. Apply to actively growing Grasses when most have reached 4 to 12 inches in height. Allow 7 or more days after application before tillage.

**Orchardgrass** (sods going to no-till Corn) — Apply 1 to 1.5 quarts of this product per acre plus 0.5 to 1% non-ionic surfactant by total spray volume in 3 to 10 gallons of water per acre. Apply to Orchardgrass that is a minimum of 12 inches tall for Spring applications and 6 inches tall for Fall applications. Allow at least 3 days following application before seeding. A sequential application of atrazine will be necessary for optimum results.

**Dandelion, Dock (Curly)** — Apply 3 to 5 quarts of this product per acre when plants are actively growing and most have reached early bud stage of growth. Allow 7 or more days after application before tillage. Also for control, apply 16 fluid ounces of this product plus 0.5 to 1% non-ionic surfactant by total spray volume in 3 to 10 gallons of water per acre.

**Dogbane (Hemp)** — Apply 4 quarts of this product per acre. Apply when actively growing and when most weeds have reached the late bud stage of growth. Following controlled applications, allow weeds to regrow to a mature stage prior to treatment. Allow 7 or more days after application before tillage. For best results, apply in late Summer or Fall. For suppression, apply 16 fluid ounces of this product plus 0.5 to 1% non-ionic surfactant by total spray volume in 3 to 10 gallons of water per acre for ground applications and 3 to 5 gallons of water per acre for aerial applications. Delay applications until maximum emergence of Dogbane has occurred.

**Fescue (Fall)** — Apply 3 quarts of this product in 10 to 40 gallons of water per acre to actively growing plants when most have reached boot-to-early seedhead stage of development. Fall applications only — Apply 1 quart of this product plus 0.5 to 1% non-ionic surfactant by total spray volume in 3 to 10 gallons of water per acre. Apply to Fescue in the Fall when actively growing and plants have 6 to 12 inches of new growth. Allow 7 or more days after application before tillage. A sequential application of 1 pint per acre of this product plus non-ionic surfactant will improve long-term control and control seedlings germinating after Fall treatments or the following Spring.

**Guineagrass** — Apply 3 qts. of this product per acre or use a 1% solution with hand-held equipment. Apply to actively growing Guineagrass when the Guineagrass has reached the 7-leaf stage of growth. Ensure thorough coverage when using handheld equipment. Allow 7 or more days after application before tillage.

**Johnsongrass, Ryegrass (Perennial)** — Apply 1 to 3 quarts of this product per acre. In annual cropping systems apply 1 to 2 quarts of this product per acre. Apply 1 to 2 quarts of this product plus 0.5 to 1% non-ionic surfactant by total spray volume in 3 to 10 gallons of water per acre. Use 2 quarts of this product when applying 10 to 40 gallons of water per acre. In non-crop or areas where annual tillage (no-till) is not permitted, apply 2 to 3 quarts of this product in 10 to 40 gallons of water per acre. For best results, apply to actively growing plants when most have reached the boot-to-head stage of growth or in the Fall prior to frost. Allow 7 or more days after application before tillage. Do not tank-mix with residual herbicides when using the 1-quart per acre rate.

**Kikuyugrass** — Apply 2 to 3 quarts of this product per acre. Spray when most Kikuyugrass is at least 8 inches in height (3- or 4-leaf stage of growth) and actively growing. Allow 3 or more days after application before tillage.

**Kobresia, Horseradish** — Apply 4 quarts of this product per acre. Apply when actively growing and when most weeds have reached the late bud to flower stage of growth. Following crop harvest or mowing, allow weeds to regrow to a mature stage prior to treatment. Non-tillage systems only.

**Lantana** — Apply this product as a 1 to 1.25% solution using hand-held equipment only. Apply to actively growing Lantana at or beyond the bloom stage of growth. Use the higher application rate for plants that have reached the wool stage of growth. Allow 7 or more days after application before tillage.

**Milkweed (Common)** — Apply 3 quarts of this product per acre. Apply when actively growing and most of the Milkweed has reached the bud to flower stage of growth. Following controlled applications, allow Milkweed to regrow to a mature stage prior to treatment. Allow 7 or more days after application before tillage.

**Muhly (Wirestem)** — Apply 1 to 2 quarts of this product per acre. Use 1 quart of this product plus 0.5 to 1% non-ionic surfactant by total spray volume in 3 to 10 gallons of water per acre. Use 2 quarts of this product when applying 10 to 40 gallons of water per acre or in pasture, sod or non-crop areas. Spray when Muhly is 8 inches or more in height and actively growing. Do not till between handheld and Fall applications to the late to-head stage of growth. For best results, apply using handheld equipment. Allow 3 or more days after application before tillage. This product will not provide residual control of Muhly from seeds which germinate after application of this product. Do not tank-mix with residual herbicides when using the 1-quart per acre rate.

**Ragweed (Silverleaf)** — Apply 2 to 3 quarts of this product plus 0.5 to 1% non-ionic surfactant by total spray volume in 3 to 10 gallons of water per acre. Applications should be made when at least 60% of the plants have berries. Fall treatments must be applied be-
fore a killing frost. Allow 7 or more days after application before tillage. Do not treat when weed is under drought stress as good soil moisture is necessary for active growth.

Nutseed—Apply 3 quarts of this product per acre as a broadcast spray or apply a 1 to 2% solution from hand-held equipment to control existing Nutseed plants and immature nutlets attached to treated plants. Treat when plants are in flower or when new nutlets can be found at rhizome tips. Nutlets which have not germinated will be controlled and may germinate following treatment. Repeat treatments will be required for long-term control of ungerminated tubers. Sequential applications of 1 to 2 quarts of this product plus 0.5 to 1% non-ionic surfactant by total spray volume in 3 to 10 gallons of water per acre will provide control. Make applications when a majority of the plants are in the 3- to 5-leaf stage (less than 6 inches tall). Repeat this application as necessary, when newly emerging plants reach the 3- to 5-leaf stage. Subsequent applications will be necessary for long-term control. For suppression in partial control of existing plants, apply 1 pint to 2 quarts of this product per acre, plus 0.5 to 1% non-ionic surfactant in 3 to 40 gallons of water per acre. Treat when plants have 3 to 5 leaves and most are less than 6 inches tall. Tillage, plants which are at least 18 inches control subsequent emerging plants or regrowth of existing plants. Wait 7 days after treatment before tillage or mowing.

Pampasgrass, Ice plant—Apply this product as a 1.5 to 2% solution using handheld equipment. Apply to plants that are actively growing at or beyond the boot stage of growth. Thorough coverage is necessary for best control.

Phragmites—For partial control of Phragmites in FL and the counties of other states bordering the Gulf of Mexico, apply 5 quarts per acre as a broadcast spray or apply a 2% solution from handheld equipment. In other areas of the U.S., apply 3 quarts per acre as a broadcast spray or apply a 1% solution from handheld equipment for partial control. For best results, treat during late Summer or Fall. Other Perennials listed on this label—For suppression, apply 16 fluid ounces of this product plus 2 quarts of this product per acre to provide partial control of Torpedograss. Apply to actively growing Torpedograss when most plants are at or beyond the bud stage of growth. Repeat applications will be required to maintain control. Fall treatments must be applied before frost. Allow 3 or more days after application before tillage.

Torpedograss—Apply 4 to 5 quarts of this product per acre to provide partial control of Torpedograss. Apply to actively growing plants when most plants are at or beyond the bud stage of growth. Repeat applications will be required to maintain control. Fall treatments must be applied before frost. Allow 7 or more days after application before tillage.

Trumpetcreeper—For control, apply 2 quarts of this product per acre in 5 to 10 gallons of water per acre. Apply to actively growing plants in late September and October, which are at least 18 inches tall and have been growing 45 to 60 days since the last tillage operation. Make applications at least 1 week before killing frost.

Other Perennials listed on this label—Apply 3 to 5 quarts of this product per acre. Apply when actively growing and most have reached the early head to early bud stage of growth. Allow 7 or more days after application before tillage.

WOODY BRUSH AND TREES

When applied as recommended under the conditions described, this product CONTROLS or PARTIALLY CONTROLS the following Woody brush, plants and trees:

- Alder
- Alnus spp.
- Ash
- Fraxinus spp.
- Aspen, Quaking
- Populus tremuloides
- Bearmat (beardclover)
- Chamaedaphne foliacea
- Beech
- Fagus grandifolia
- Birch
- Betula spp.
- Blackberry
- Rubus spp.
- Blackgum
- Nyssa spp.
- Brickell
- Salicaceae
- Pondium spp.
- Broom
- French
- Cyrtus monspessulanus
- Scotch
- Cyrtis scoparius
- Buckwheat, California*
- Eriogonum fasciculatum
- Cascara*
- Rhamnus purshiana
- Catsclaw*
- Ascaica greggi
- Ceanothus*
- Ceanothus spp.
- Chamise
- Adenostoma fasciculatum
- Cherry
- Bitter Pruunus emarginata
- Black Pruunus serotina
- Pin Pruunus pensylvanica
- Coyote brush
- Baccharis consanguinea
- Creeper, Virginia*
- Parthenocissus quinquefolia
- Dewberry
- Rubus trivialis
- Dogwood
- Cornus spp.
- Elderberry
- Sambucus spp.

*Application of Canada thistle, apply 1 quart per acre of this product or 1 pint of this product plus 0.5 pound active ingredient 2,4-D per acre, plus 0.5 to 1% non-ionic surfactant by total spray volume in 3 to 10 gallons of water per acre in the late Summer or Fall after harvest, mowing or tillage. Allow rosette regrowth to a minimum of 6 inches tall. For suppression in partial control of existing plants, apply as long as leaves are still green and plants are actively growing at the time of application. Allow 3 or more days after application before tillage.

**Application of Canada thistle, apply a 2% solution of this product CONTROLS or PARTIALLY CONTROLS the following Woody brush, plants and trees:

- Elm*
- Ulmus spp.
- Eucalyptus
- Eucalyptus spp.
- Gorse
- Ulex europaeus
- Hasardia*
- Haplopappus squamosus
- Hawthorn
- Crataegus spp.
- Hazel
- Corylus spp.
- Hickory*
- Carpinus spp.
- Holly (Florida), Brazilian Peppertree*
- Schinus terebinthifolius
- Honey suckle
- Loniceria spp. Honeysuckle
- Homestead, American*
- Carpinus caroliniana
- Kudzu
- Pueraria lobata
- Locust, black*
- Robinia pseudoacacia
- Madrone
- Arbutus menziesii
- Manzanita
- Arctostaphylos spp.
- Maple
- Red** Acer rubrum
- Sugar Acer saccharum
- Vine** Acer cincinnus
- Monkey flower*
- Mimulus guttatus
- Oak
- Black* Quercus velutina
- Northern Pin Quercus palustris
- Post Quercus stellata
- Red Quercus rubra
- Southern Red Quercus falcata
- White* Quercus alba
- Persimmon*
- Diospyros spp.
- Pine
- Pinus spp.
DESCRIPTION

Kudzu — For control, apply 4 quarts of this product per acre as a broadcast spray or as a 2% solution with hand-held equipment. Repeat applications will be required to maintain control.

Madrone resprouts — For suppression or partial control, apply a 2% solution of this product to resprouts less than 3 to 6 feet tall. Best results are obtained with Spring/early Summer treatments.

Maple (Red) — For control, apply as a 1 to 1.5% solution with hand-held equipment when at least 50% of the new leaves are fully developed. For partial control, apply 2 to 4 quarts of this product per acre as a broadcast spray.

Maple (Sugar), Oak (Northern pin), Oak (Red) — For control, apply as a 1 to 1.5% solution with hand-held equipment when at least 50% of the new leaves are fully developed.

Poison ivy, Poison oak — For control, apply 4 to 5 quarts of this product per acre as a broadcast spray or as a 2% solution with hand-held equipment. Repeat applications may be required to maintain control. Fall treatments must be applied before leaves lose green color.

Rose (Multiflora) — For control, apply 2 quarts of this product per acre as a broadcast spray or as a 1% solution with hand-held equipment. Treatments should be made prior to leaf deterioration by leaf-feeding insects.

Sage (Black), Sagebrush (California), Chamise, Tallowtree (Chinese) — For control of these species, apply a 1% solution of this product as a foliar spray with hand-held equipment. Thorough coverage of foliage is necessary for best results.

Tan oak resprouts — For suppression or partial control, apply a 2% solution of this product to resprouts less than 3 to 6 feet tall. Best results are obtained with Fall applications.

Willow — For control, apply 3 quarts of this product per acre as a broadcast spray or as a 1% solution with hand-held equipment.

Other Woody brush and trees listed on this label — For partial control, apply 2 to 5 quarts of this product per acre as a broadcast spray or as a 1 to 2% solution with hand-held equipment.

NON-CROP USES

See "GENERAL INFORMATION" and "MIXING, ADDITIVES AND APPLICATION INSTRUCTIONS" sections of this label for labeled uses and specific application instructions.

Apply this product as follows to control or partially control the following Woody brush and trees:

Alderberry, Dewberry, Honeysuckle, Post oak, Raspberry — For control, apply 3 to 4 quarts per acre of this product as a broadcast spray or as a 1.5% solution with hand-held equipment.

Aspen (Quaking), Cherry (Bitter, Black, Pin), Hawthorn, Oak (Southern red), Sweetgum, Trumpetree — For control, apply 2 to 3 quarts of this product per acre as a broadcast spray or as a 1 to 1.5% solution with hand-held equipment.

Birch, Elderberry, Hazel, Salmonberry, Thimbleberry — For control, apply 2 quarts per acre of this product as a broadcast spray or as a 1% solution with hand-held equipment.

Blackberry — For control, apply 3 to 4 quarts per acre of this product as a broadcast spray or 1 to 1.5% solution with hand-held equipment. Make application after plants have reached full leaf maturity. Best results are obtained when applications are made in the late Spring or Fall. After berries have set or during Fall, Blackberries can be controlled by applying a 0.75% solution of this product plus 0.5 to 1% non-ionic surfactant by total spray volume with hand-held equipment. For control of Blackberries after leaf drop and until killing frost or as long as stems are green, apply 3 to 4 quarts of this product in 10 to 40 gallons of water per acre.

Broom (French, Scotch) — For control, apply a 1.5 to 2% solution with hand-held equipment.

Buckwheat (California), Hasardia, Monkey flower, Tobacco (Tree) — For control of these species, apply a 1 to 2% solution of this product as a foliar spray with hand-held equipment. Thorough coverage of foliage is necessary for best results.

Catsclaw — For control, apply a 1 to 1.5% solution with hand-held equipment.

Coyote brush — For control, apply a 1.5 to 2% solution with hand-held equipment when at least 50% of the new leaves are fully developed.

Eucalyptus — For control of Eucalyptus resprouts, apply a 2% solution with hand-held equipment when resprouts are 6 to 12 feet tall. Ensure complete coverage. Apply when plants are growing actively. Avoid application to drought-stressed plants.

Treat for Fall after fruit formation.

Larger plants and/or dense areas of growth. On vines, use the higher rates when plants are actively growing and, unless otherwise directed, after full leaf expansion. Use the higher rate for larger plants and/or dense areas of growth. On vines, use the higher rate for plants that have reached the Woody stage of growth. Best results are obtained when application is made in the late Summer or Fall after fruit formation.

In arid areas, best results are obtained when application is made in the Spring to early Summer when brush species are at high moisture content and are flowering.

Ensure thorough coverage when using hand-held equipment. Symptoms may not appear prior to frost or senescence with Fall treatments.

Allow 7 or more days after application before tillage, mowing or removal.

MostRepeat applications may be necessary to control brush species. This mixture may be applied by aerial equipment in site prep operations. When applied as directed for "NON-CROP USES", under conditions described, this product controls Annual and Perennial weeds listed on this label growing in areas such as airports, ditches, dry canals, fencerows, golf courses, highways, industrial plant sites, utility rights-of-way, parks, parking areas, and other non-agricultural areas. For control, apply a 1% solution with hand-held equipment. Repeat applications will be required to maintain control. This product does not provide residual weed control. For subsequent weed control, follow a label-approved herbicide program. Read and carefully observe all cautionary statements and all other information appearing on the labels of all herbicides used.

INDUSTRIAL, RECREATIONAL AND PUBLIC AREAS

When applied as directed for "NON-CROP USES", under conditions described, this product controls Annual and Perennial weeds listed on this label for essential product performance information and the following NON-CROP sections for specific recommended uses.

EXTREME CARE MUST BE EXERCISED TO AVOID CONTACT OF SPRAY WITH FOLIAGE, GREEN STEMS, EXPOSED NON-WOODY ROOTS OR OTHER DESIRABLE VEGETATION SINCE SEVERE DAMAGE OR DESTRUCTION MAY RESULT.

Repeat treatments may be necessary to control weeds regenerating from underground parts or seeds.

APPLICATION EQUIPMENT AND CALIBRATION

TECHNIQUES

Select "GENERAL INFORMATION" and "MIXING, ADDITIVES AND APPLICATION INSTRUCTIONS" sections of this label for information on proper use and calibration of this equipment.

Tank Mixtures for Industrial and Forestry Site Preparations

This product plus Oust

The following industrial sites including airports, industrial plants, lumberyards, petroleum tank farms, pumping stations, pipelines, railroads, roadsides, storage areas or fence rows, power and telephone right-of-ways, and utility substations where bare ground is desired. This tank mixture may also be used as a site preparation treatment for sites to be planted to Jack pine,lobolly pine, Red pine, Slash pine and Virginia pine.

When applied as directed for "NON-CROP USES" under the conditions described, this product plus Oust provides control of Annual and Perennial weeds listed in the "WEEDS CONTROLLED" section of this label. For control of this product and Oust, and partial control of the following Perennial weeds.

Apply 1 to 2 quarts of this product with 2 to 4 ounces of Oust in 10 to 40 gallons of spray solution per acre as a broadcast spray to actively growing weeds.

This mixture may be applied by aerial equipment in site prep operations. When applied by air, use the recommended rates in 5 to 15 gallons of spray solution per acre.
CONSERVATION RESERVE PROGRAM (CRP ACRES)

This product can be used to control undesirable vegetation when rotating out of CRP acres or to suppress competitive growth and seed production of undesirable vegetation in CRP acres. For specific rates of application for various Annual and Perennial weeds, see the "WEEDS CONTROLLED" section of this label. CRP applications may be made with wiper applicators or conventional spray equipment.

For selective applications with broadcast spray equipment, apply 12 to 16 fluid ounces per acre of this product in early Spring before desirable CRP grasses, such as Crested and Tall wheatgrass, break dormancy and initiate green growth. Late Fall applications can be made after desirable Perennial grasses have reached dormancy. Some stunting of CRP Perennial grasses will occur if applications are made when plants are not dormant.

HABITAT MANAGEMENT

This product is recommended for the restoration and/or maintenance of native habitats and in wildlife management areas. Apply as recommended in the "NON-CROP USES" section of this label.

Habitat Restoration and Maintenance

When applied as directed, exotic and other undesirable vegetation may be controlled in habitat management areas. Applications can be made to allow recovery of native plant species, prior to planting desirable native species, and for similar broad spectrum vegetation control requirements in habitat management areas. Spot treatments can be made selectively to remove unwanted plants for habitat maintenance and enhancement. For spot treatments, care should be exercised to keep spray off desirable plants.

Wildlife Food Plots

This product may be used as a site preparation treatment prior to planting wildlife food plots. Any wildlife food species may be planted after applying this product, or native species may be allowed to repopulate the area. If tillage is needed to prepare a seedbed, wait 7 days after applying this product before tilling.

ORNAMENTAL AND PLANT NURSERY, CHRISTMAS TREES

This product is not recommended for use as an over-the-top broadcast spray in ornamental and Christmas trees.

Note: Desirable plants may be protected from the spray solution by using shields or coverings made of cardboard or other impermeable material.

When applied as instructed for the conditions described for "NON-CROP USES," this product controls undesirable vegetation listed on this label prior to planting, within and around greenhouses and shadehouses, and as a post-directed spray around established ornamentals and Christmas trees.

For specific rates of application and instructions for control of various Annual and Perennial weeds, see the "WEEDS CONTROLLED" section of this label. Where repeat applications are necessary, do not exceed 10.6 quarts of this product per acre per year.

Site Preparation

When pre-planting applications of this product, any Ornamental, Nursery or Christmas tree species may be planted. Precautions should be taken to protect non-target plants during site preparation applications.

Greenhouse/Shadehouse Use

This product may be used to control weeds listed on this label that are growing inside greenhouses. Desirable vegetation must not be present during application and air circulation fans must be turned off.

Post-directed Spray

Use as a post-directed spray around established Woody ornamental and Christmas trees such as those listed below. Care must be exercised to avoid contact of spray, drift or mist with foliage or green bark of established Ornamental species.

PATHWAYS AND RESIDENTIAL AREAS

This product may be applied with any application equipment described in this label. This product may be used in parks and residential areas to trim-and-edge around trees, fences, paths, around buildings, sidewalks, and other objects in these areas. This product may be used to eliminate unwanted weeds growing in established shrub beds.
or ornamental plantings. This product may be used prior to planting an area to ornamentals, flowers, turfgrass (sod or seed), or prior to laying asphalt or beginning construction projects

All the instruction in the NONCROP USES and INDUSTRIAL, RECREATIONAL AND PUBLIC AREAS sections apply to use in parks.

SILVICULTURAL SITES AND RIGHT-OF-WAYS

Note: NOT RECOMMENDED FOR USE AS AN OVER-THE-TOP BROADCAST SPRAY IN SILVICULTURAL NURseries.

When applied as directed for “NON-CROP USES” under conditions described, this product controls undesirable vegetation listed on this label. This product also suppresses or controls undesirable vegetation on annual vines, use the lower rates of both products. Use higher rates of both products when Annual weeds are in more advanced stages of growth.

When applications are made according to application directions and instructions for control of various fleshy, Annual and Perennial weeds, see the “WEEDS CONTROLLED” section of this label. For specific rates of application for release of listed Coniferous species, see the “Conifer Release” part of this section of the label.

Where repeat applications are necessary, do not exceed 10.6 quarts per acre per year.

Aerial Application

This product may be applied using aerial spray equipment for silvicultural site preparation, Conifer release and right-of-ways treatments. See the “APPLICATION EQUIPMENT AND TECHNIQUES” part of the “MIXING, ADDITIVES AND APPLICATION INSTRUCTIONS” section of this label for information on how to apply this product by air.

DO NOT APPLY THIS PRODUCT BY AIR TO RIGHT-OF-WAY SITES IN THE STATE OF CA.

To reduce the aerial application drift hazard to aquatic sites*, to non-target sites or any site containing desirable vegetation, always maintain appropriate buffer zones. A buffer zone of the following minimum distances should be maintained:

- Helicopters using a Microfoil* boom, a Thru-Valve* boom (TVB-45) or equivalent drift control systems, should maintain at least a 50-foot buffer zone.
- When using other aerial equipment:
  - Maintain at least a 75-foot buffer zone for applications using 2 quarts or less per acre of this product.
  - Maintain at least a 125-foot buffer zone for applications using more than 2 quarts per acre of this product.
  - Maintain at least a 400-foot buffer zone for applications on right-of-ways when applied from 75 feet or more above ground level.

These distances should be increased if conditions favoring drift exist.

Aquatic sites include all lakes, ponds and streams used for significant domestic purposes or angling.

Site Preparation

Following pre-plant applications of this product, any silvicultural species may be planted.

Post-directed Spray

In established silvicultural sites, use a spray on the foliage of undesirable vegetation. This care must be exercised to avoid contact of spray, drift or mist with foliage or green bark of desirable species.

Conifer Release

For release, apply only where Conifers have been established for more than one year. Vegetation should not be disturbed prior to treatment until visible symptoms appear after treatment. Symptoms of treatment are slow to appear, especially in Woody species treated in late Fall. Injury may occur to Conifers treated for release, especially where spray patterns overlap or the higher rates are applied or in late Fall. Injury may occur to Conifers treated for release, especially where spray patterns overlap or the higher rates are applied or in late Fall. Injury may decrease continued injury in the form of tip and/or needle burn. Injury may decrease with later applications. Some Autumn colors are acceptable at the time of applications. Apply prior to frost or leaf drop of undesirable plants. Applications made according to label directions will release Loblolly pine, Eastern white pine and Slash pine by reducing competition from the following species:

For release of the following Conifer species:

- Loblolly pine
  - *Fraxinus spp.*
  - *Black* P. serotina
  - *Pin* P. pensylvanica
- Eastern white pine
  - *Acer rubra*
- Slash pine
  - *Quercus velutina*

Late season application—Apply 1.5 to 2 quarts of this product in a minimum of 5 gallons of spray solution per acre in early Autumn. Applications made prior to September 1 or when conditions are conducive to rapid growth of Conifers will create the potential for increased injury in the form of tip and/or needle burn. Injury may decrease with later applications. Some Autumn colors are acceptable at the time of applications. Apply prior to frost or leaf drop of undesirable plants. Applications made according to label directions will release Loblolly pine, Eastern white pine and Slash pine by reducing competition from the following species:

For release of the following Conifer species:

- *Ash* Fraxinus spp.
- *Cherry* P. serotina
- *Elm* Ulmus spp.
- *Hawthorn* Crataegus spp.
- *Locust, black* Robinia pseudacacia
- *Maple, red* Acer rubra
- *Oak* Quercus velutina
- *Post Quercus stellata
- *Southern red* Quercus falcata
- *White* Quercus alba

For release of the following Conifer species:

- *Persimmon* Diospyros spp.
- *Poplar, yellow* (Tulip tree) Liriodendron tulipifera
- *Sassafras* Sassafras albidum
- *Sourwood* Oxydendrum arboreum
- *Sumac* Poison Rhus vernix
- *Smooth Rhus glabra
- *Winged Rhus copallina
- *Sweetgum* Liquidambar styraciflua

Apply only to those sites where Woody brush and trees listed in this label constitute the majority of the undesirable species.

This Product Plus Oust Tank Mixtures for Conifer Release from Herbaceous Weeds

To release Loblolly pines from Herbaceous weeds, tank mixtures of this product with Oust will provide control of Annual weeds listed in the “WEEDS CONTROLLED” section of this and the Oust label and partial control of the Perennial weeds listed below. Apply 16 to 24 fluid ounces of this product with 2 to 4 ounces of Oust in 10 to 30 gallons of spray solution per acre. Make application to actively growing weeds as a broadcast spray over the top of the young Loblolly pines.

This PRODUCT PLUS OUST TANK MIXTURES MAY NOT BE APPLIED BY AIR IN CA.

This tank mixture may be applied using aerial equipment. When applying by air, use the recommended rate in 5 to 15 gallons of spray solution per acre.

For control of Annual weeds below 12 inches in height (or runner length on annual vines), use the lower rates of both products. Use higher rates of both products when Annual weeds are in more advanced stages of growth and are approaching flower or seed formation. Use the higher rates of both products for partial control of the following perennial weeds. Use the lower rates for suppression of growth.

Bahiagrass
- Paspalum notatum
- Andropogon virginicus
- Dock, curly
- Rumex crispus
- Dogfennel
- Eupatorium capillifolium
- Fescue, tall
- Festuca arundinacea

Johnsongrass*
- Sorghum halepense
- Poorjoy*
- Diodia teres
- Trumpetcreeperr**
- Campsia richardii
- Vasegrass
- Paspalum urvilleanum
- Vervain, blue
- Verbena hastata

*Control at higher rates.
**Suppression at higher rates only.

Pine damage may occur or can be accentuated if treatment takes place when young trees are under stress from drought, flood water, insects or disease.

Read and observe the cautionary statements and all other information appearing on the labels of the herbicides used.

Note to User: This product must not be used in areas where adverse impact on Federally designated endangered/threatened plant or aquatic species are likely. Prior to making applications, the user of this product must determine if no such species are located in or immediately adjacent to the area to be treated.

CUT STUMP TREATMENTS

Woody vegetation may be controlled by treating freshly cut stumps of trees and resprouts with this product. Apply this product using suitable equipment to ensure coverage of the entire cambium. Cut vegetation close to the soil surface. Apply a 50 to 100% solution of

*Includes all species except Eastern white pine, Loblolly pine or Slash pine.

Apply 1.5 to 2 quarts of this product per acre except in WA and OR, West of the crest of the Cascade Mountains. For Spring treatments West of the crest of the Cascade Mountains, apply 1 quart of this product per acre before Conifer bud swell for control of Annual weeds. For Fall treatments in WA and OR, West of the crest of the Cascade Mountains, apply 1 to 1.5 quarts of this product per acre before any major leaf drop of Deciduous species.

For release of Western hemlock, apply 1 quart of this product per acre.

Pine*  
- *Pine* P. serotina
- *Spruce* Picea spp.

*Includes all species except Eastern white pine, Loblolly pine or Slash pine.
this product to the freshly cut surface immediately after cutting. Delays in application may result in reduced performance. For best results, leaf application should be made during periods of active growth and full expansion. When used according to directions for cut stump application, this product will CONTROL, PARTIALLY CONTROL or SUPPRESS many types of Woody brush and tree species, some of which are listed below:

**Alder**
- Alnus spp.

**Eucalyptus**
- Eucalyptus spp.

**Madrone**
- Arbutus menziesii

**Oak**
- Quercus spp.

**Reed, Giant**
- Arundo donax

**Saltcedar**
- Tamarix spp.

**Sweetgum**
- Liquidambar styraciflua

**Tan oak**
- Lithocarpus densiflorus

**Willow**
- Salix spp.

**INJECTION AND FRILL APPLICATIONS**
Woody vegetation may be controlled by injection or frill application of this product. Apply this product using suitable equipment that must prevent penetration into living tissue. Apply the equivalent of 1 milliliter of this product per each 2 to 3 inches of trunk diameter (DBH). This is best achieved by applying a 50 to 100% concentration of this material either to a continuous frill around the tree or as cuts evenly spaced around the tree below all branches. As tree diameter increases in size, better results are achieved by applying diluted material to a continuous frill or more closely spaced cuttings. Avoid application techniques that allow runoff to occur from frill or cut areas in species that exude sap freely after frilling or cutting. In species such as this, make frill or cut at an oblique angle so as to produce a cupping effect and use undiluted material. For best results, application should be made during periods of active growth and after full leaf expansion.

This treatment WILL CONTROL the following Woody species:
- **Oak**
- **Quercus spp.**
- **Poplar**
- **Populus spp.**

This treatment WILL PARTIALLY CONTROL the following Woody species:
- **Black gum**
- **Nyssa sylvatica**

**TURFGRASSES AND GRASSES FOR SEED PRODUCTION**
Pre-plant and Renovation
When applied as directed for “NON-CROP USES”, under conditions described, this product controls most existing vegetation prior to the planting and renovation of either Turfgrasses or Grass seed production areas. For specific rates of application and instructions for control of various Annual and Perennial weeds and Woody brush and trees, see the “WEEDS CONTROLLED” section of this label.

For maximum control of existing vegetation, delay planting to determine if any regrowth from escaped underground plant parts occurs. Where repeat treatments are necessary, sufficient regrowth must be attained prior to application. For warm-season grasses, such as Bermudagrass, Summer or Fall applications provide best control. DO NOT DISTURB SOIL OR UNDERGROUND PLANT PARTS BEFORE TREATMENT. Tillage or renovation techniques such as vertical mowing, cores or slicing should be delayed for 7 days after application to allow proper translocation into underground plant parts.

Turfgrasses: Where existing vegetation is growing in a field or unmowed situation, apply this product to actively growing weeds at the stages of growth listed in the “WEEDS CONTROLLED” section of this label. Where existing vegetation is growing under mowed Turfgrass management, apply this product after omitting at least one regular mowing to allow sufficient growth for good interception of the spray. Desirable Turfgrasses may be planted following the above procedure.

Grasses for Seed Production: Apply this product to actively growing weeds at the stages of growth recommended in the “WEEDS CONTROLLED” section of this label prior to planting or renovation of Turf or Forage grass areas grown for seed production. DO NOT seed or graze treated areas within 8 weeks after application.

Annual Weed Control in Dormant Bermudagrass and Bahiagrass Turf
When applied as directed for “NON-CROP USES” under the conditions described, this product will provide control or suppression of many Winter annual weeds and Tall fescue for effective release of dormant Bermudagrass or Bahiagrass turf. Refer to the rate table “Weeds Controlled or Suppressed with This Product Alone” under the “RELEASE OF BERMUDAGRASS OR BAHIAGRASS” section of this label for recommended rates and volumes on the species to be suppressed or controlled. Treat only when turf is dormant and prior to Spring greenup. Spot treatments or broadcast applications of this product in excess of 16 fluid ounces per acre may result in injury or delayed greenup in highly maintained Turfgrass areas; i.e., golf courses, lawns, etc. DO NOT APPLY TANK MIXTURES of this product plus Oust in highly maintained Turfgrass areas.

**RELEASE OF BERMUDAGRASS OR BAHIAGRASS**
Use only in areas where Bermudagrass or Bahiagrass are desirable ground covers and where some temporary injury or discoloration can be tolerated. Use tank mixtures of this product plus Oust only on railroads, highways, utility plant sites or other right-of-way areas. When applied as directed for "NON-CROP USES" under the conditions described, this product will provide control or suppression of many Winter annual weeds and Tall fescue for effective release of dormant Bermudagrass or Bahiagrass. This product may be tank-mixed with Oust as recommended for residual control. Make applications to dormant Bermudagrass or Bahiagrass. Tank mixtures of this product plus Oust may delay greenup. To avoid delays in greenup and minimize injury, do not add more than 1 ounce per acre of Oust on Bermudagrass or more than 0.5 ounce per acre on Bahiagrass, or avoid treating when these Grasses are in a semi-dormant condition.

For best results on Winter annuals, treat when plants are in an early growth stage (below 6 inches in height) after most have germinated. For best results on Tall fescue, treat when Fescue is in or beyond the 4- to 6-leaf stage.

**Weeds Controlled**
Rate recommendations for control or suppression of Winter annuals and Tall fescue are listed below:
Apply the recommended rates of this product alone or as a tank mixture in 10 to 25 gallons of water, plus 0.5 to 1% non-ionic surfactant by total spray volume per acre.

For the best recommendation for the mixture of weeds within your geographic area, contact your sales representative.

<table>
<thead>
<tr>
<th>Weeds Controlled or Suppressed With This Product Alone*</th>
<th>This Product (fl. ozs. per acre)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Weed Species</strong></td>
<td><strong>8</strong></td>
</tr>
<tr>
<td>-----------------</td>
<td>------</td>
</tr>
<tr>
<td>Barley, little</td>
<td>Hordeum pusillum</td>
</tr>
<tr>
<td>Bedstraw, catchweed</td>
<td>Galium aparine</td>
</tr>
<tr>
<td>Bluegrass, annual</td>
<td>Poa annua</td>
</tr>
<tr>
<td>Chickweed, common</td>
<td>Stellaria media</td>
</tr>
<tr>
<td>Clover, crimson</td>
<td>Trifolium incarnatum</td>
</tr>
<tr>
<td>Clover, large hop</td>
<td>Trifolium campestris</td>
</tr>
<tr>
<td>Fescue, tall</td>
<td>Festuca arundinacea</td>
</tr>
<tr>
<td>Geranium, Carolina</td>
<td>Geranium carolinianum</td>
</tr>
<tr>
<td>Henbit</td>
<td>Lamium amplexicaule</td>
</tr>
<tr>
<td>Ryegrass, Italian</td>
<td>Lolium multiflorum</td>
</tr>
<tr>
<td>Speedwell, corn</td>
<td>Veronica arvensis</td>
</tr>
<tr>
<td>Vetch, common</td>
<td>Vicia sativa</td>
</tr>
</tbody>
</table>

**Note:** C = Control  S = Suppression
*These rates apply only to sites where established competitive Turf is present.
**Weeds Controlled or Suppressed with this Product Plus Oust**

<table>
<thead>
<tr>
<th>Weed Species</th>
<th>This Product (fl. ozs. per acre)</th>
<th>Oust (oz. per acre)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>8 + 0.25</td>
<td>12 + 0.25</td>
</tr>
<tr>
<td>Barley, little Hordeum pusillum</td>
<td>C C C C</td>
<td>C C</td>
</tr>
<tr>
<td>Bedstraw, catchweed Galium aparine</td>
<td>C C C C</td>
<td>C C</td>
</tr>
<tr>
<td>Bluegrass, annual Poa annual</td>
<td>S C C C C</td>
<td>C C</td>
</tr>
<tr>
<td>Chervil Chaerophyllum tainturieri</td>
<td>C C C C C</td>
<td>C C</td>
</tr>
<tr>
<td>Chickweed, common Stellaria media</td>
<td>S C C C C</td>
<td>C C</td>
</tr>
<tr>
<td>Clover, crimson Trifolium incarnatum</td>
<td>S S S S C</td>
<td>C C</td>
</tr>
<tr>
<td>Clover, large hop Trifolium campestre</td>
<td>- • S S S C</td>
<td>C C</td>
</tr>
<tr>
<td>Fescue, tall Festuca arundinacea</td>
<td>• • • • S</td>
<td>S S</td>
</tr>
<tr>
<td>Geranium, Carolina Geranium carolinianum</td>
<td>• S S C C C</td>
<td>C C</td>
</tr>
<tr>
<td>Henbit Lamium amplexicaule</td>
<td>• S C C C C</td>
<td>C C</td>
</tr>
<tr>
<td>Ryegrass, Italian Lolium multiflorum</td>
<td>• S S C C C</td>
<td>C C</td>
</tr>
<tr>
<td>Speedwell, corn Veronica anensis</td>
<td>S C C C C C</td>
<td>C C</td>
</tr>
<tr>
<td>Vetch, common Vicia saliva</td>
<td>C C C C C</td>
<td>C C</td>
</tr>
</tbody>
</table>

Note: C = Control  S = Suppression
*These rates or mixtures of rates apply only to sites where established competitive Turf is present.

**Release of Actively Growing Bermudagrass**
When applied as directed, this product will aid in the release of Bermudagrass by providing control of annual species listed in the "WEEDS CONTROLLED" section of this and the Oust label and suppression or partial control of certain Perennial weeds.

For control or suppression of those Annual species listed on this label, use 1 to 3 pints of this product as a broadcast spray in 10 to 45 gallons of spray solution per acre. Use the lower rate when treating Annual weeds below 6 inches in height (or length of runner in Annual vines). Use the higher rate as Weeds increase in size or as they approach flower or seedhead formation.

Use the higher rate of this product for partial control of the following Perennial species. Use the lower rate for suppression of growth. For best results, see the "WEEDS CONTROLLED" section of this label for proper stage of growth.

**Bahiagrass**
Paspalum notatum
Bluestem, silver Andropogon saccharoides
Fescue, tall Festuca arundinacea

**Johnsongrass**
Sorghum halepense

**Thumbcreepert**
Campsis radicans

**Vaseygrass**
Paspalum urvilleani

*Control at higher rates.
**Suppression at higher rates only.

Use only on well-established Bermudagrass. Bermudagrass injury may result from the treatment but regrowth will occur under moist conditions. Repeat applications in the same season are not recommended, since severe injury may result.

Read and carefully observe all cautionary statements and all other information appearing on the labels of all herbicides used.

**COOL SEASON TURF GROWTH REGULATION**
When applied as directed, this product will suppress growth and seedhead development of listed Turf species in industrial areas.

This product is recommended for management of coarse Turf on roadside right-of-ways or industrial plant yards, lumber yards, petroleum tank farms, pumping installations, fence rows, storage areas, airports, and utility substations. Do not use on high-quality Turf or other areas where Turf color changes cannot be tolerated. Slight Turf discoloration may occur but Turf will re-green and regrow under moist conditions as effects of this product will wear off. Apply 4 to 6 fluid ounces of this product per acre alone or in a recommended tank mixture. Spray volumes of 10 to 40 gallons per acre are recommended. When using this product, mix 2 quarts of a non-ionic surfactant per 100 gallons of spray solution.

This product can be used for growth and seedhead suppression of:

**Tall fescue**
Smooth brome

For best results, apply this product in a recommended tank mixture to actively growing Turfgrasses after greenup in the Spring of the year. For suppression of seedheads, applications must be made before boot-to-seedhead stage of development. Applications made from seedhead emergence until maturity may result in Turf discoloration or injury.

After mowing or removal of seedheads, this product, in a recommended tank mixture may also be used to suppress the growth of certain Turfgrasses. Allow Turf to recover from stress caused by heat, drought or mowing before making applications. Applications made to Turf under stress may increase the potential for discoloration or injury.

**Annual Grasses**
For growth suppression of some Annual grasses such as Annual ryegrass, Wild barley and Wild oats, apply 3 to 4 fluid ounces of this product in 10 to 40 gallons of spray solution per acre. Applications should be made when annual grasses are actively growing and before the seedheads are in the boot stage of development. Treatments made after seedhead emergence may cause injury to the desired grasses.

**Tank Mixtures**
For the following tank mixtures, consult each product label for weeds controlled and the correct stage of application. Do not treat Turf under stress.

**Tank mixtures plus 2,4-D Amine:** For additional weed control benefits, up to 1 pound of active ingredient per acre of 2,4-D amine may be added to the following tank mixtures. Consult the label for 2,4-D amine for weeds controlled.

**Tall Fescue**
This product plus Telar®: For suppression of Tall fescue growth and seedheads and control or partial control of some Annual weeds, apply this tank mixture after greenup and prior to boot-to-seedhead stage of development. Use 0.5 ounce of Telar per acre. This tank mixture can also be applied after mowing or removal of tall fescue seedheads for turf growth suppression. Make only one of the above applications per growth season.

**This product plus Oust:** For suppression of Tall fescue growth and seedheads and control or partial control of some Annual weeds, apply this tank mixture after greenup and prior to boot-to-seedhead stage of development. Use up to 0.25 ounce of Oust per acre.

**This product plus Escort®:** This tank mixture can be applied after mowing or removal of Tall fescue seedheads for Turf growth suppression and control of some Annual weeds. Use up to 0.33 ounce of Escort per acre.

**NOTE:** THIS PRODUCT IS NOT REGISTERED FOR USE WITH ESCORT IN CA.

**Smooth Brome**
This product plus Oust: For suppression of Smooth brome growth and seedheads and control or partial control of some Annual weeds, apply this tank mixture after greenup or prior to boot-to-seedhead stage of development. Use up to 0.25 ounce of Oust per acre.
BAHIAGRASS SEEDHEAD AND VEGETATIVE SUPPRESSION

When applied as directed in the indicated non-crop areas (roadside, golf course roughs and plant sites), this product will provide significant inhibition of seedhead emergence and will suppress vegetative growth for a period of approximately 45 days with single applications and approximately 120 days with sequential applications. Apply this product 1 to 2 weeks after full greenup of Bahiagrass or after Bahiagrass has been mowed to a uniform height of 3 to 4 inches. Applications must be made prior to transplanting of crops listed on this label. Sequential applications may be made before the crop emerges in accordance with the instructions of this label.

A tank mixture of this product plus Oust, plus 0.5 to 1% of non-ionic surfactant by total spray volume may be made at approximately 45-day intervals to extend the period of seedhead and vegetative growth suppression. For continued seedhead suppression, sequential applications must be made prior to seedhead emergence. Apply no more than 2 sequential applications per year. As a first sequential application, apply 4 fluid ounces of this product per acre plus non-ionic surfactant. A second sequential application of 2 to 4 fluid ounces per acre plus non-ionic surfactant may be made approximately 45 days after the last application.

A tank mixture of this product plus Oust may be applied only on roadsides for seedhead inhibition and vegetative suppression. Apply 6 fluid ounces per acre of this product plus 0.25 ounce per acre of Oust, plus 0.5 to 1% non-ionic surfactant by total spray volume 1 to 2 weeks following an initial Spring mowing. When using this product plus Oust for suppression of Bahiagrass, make only 1 application per year.

CROPPING SYSTEMS

When applied as directed for “CROPPING SYSTEMS”, under the conditions described, this product controls Annual and Perennial weeds listed on this label, prior to the emergence of direct-seeded crops or crop to transplanting of crops listed on this label. See “GENERAL INFORMATION” and “MIXING ADDITIVES AND APPLICATION INSTRUCTIONS” sections of this label for essential product performance information.

See the following “CROP SYSTEMS” sections for specific recommended uses.

EXTREME CARE MUST BE EXERCISED TO AVOID CONTACT OF SPRAY WITH FOLIAGE, GREEN STEMS OR FRUIT OF DESIRABLE CROPS, PLANTS, TREES OR OTHER DESIRABLE VEGETATION SINCE SEVERE DAMAGE OR DESTRUCTION MAY RESULT.

Repeat treatments may be necessary to control weeds regenerating from underground parts or seed. Except as otherwise specified on this label, repeat treatments must be made before the crop emerges in accordance with the instructions of this label.

Except as otherwise specified in the crop section of this label, the combined total of all treatments must not exceed 8 quarts per acre of this product per year.

Do not plant subsequent crops other than those on the label for 30 days following application. Do not harvest or feed treated vegetation for 8 weeks following application. Following spot treatment or selective equipment use, allow 14 days before grazing domestic livestock or harvesting forage Grasses and Legumes.

When applying this product prior to transplanting crops into plastic mulch, care must be taken to remove residues of this product from the plastic prior to transplanting. Residues can be removed by 0.5 inch natural rainfall or by applying water via a sprinkler irrigation system.

Spot treatment (Only those crops with * can be spot treated.) — Applications in growing crops must be made prior to heading of Small grains and Milo, initial pod set in Soybeans, silking of Corn or boll opening on Cotton.

For forage Grasses and forage Legumes see “Spot treatment” in the “PASTURES” section of “CROPPING SYSTEMS” in this label. For dilution and rates of application using boom or handheld equipment, see “MIXING, ADDITIVES AND APPLICATION INSTRUCTIONS” and “WEEDS CONTROLLED” sections of this label.

NOTE: FOR FORAGE GRASSES AND FORAGE LEGUMES, NO MORE THAN ONE-TENTH OF ANY ACRE SHOULD BE TREATED AT ONE TIME. FOR ALL OTHER CROPS, DO NOT TREAT MORE THAN 10% OF THE TOTAL FIELD AREA TO BE HARVESTED.

SELECTIVE equipment — This product may be applied through recirculating sprayers, shielded applicators or wiper applicators in Cotton and Soybeans. Shielded and wiper applicators may also be used in Tree crops and Grapes. Wiper applicators may be used in Rutabaga, forage Grasses and forage Legumes, including pasture sites and Grain sorghum (Milo).

**Note**: Spot treatments may be applied in these crops. **Do not treat Rice fields or levees when the fields contain flood water.** **Apply no more than 2 days of application and planting.** **Do not feed or graze treated Pineapple forage following application.** **Use is restricted to direct-seeded crops only.
See the "SELECTIVE EQUIPMENT" part of the "APPLICATION EQUIPMENT AND TECHNIQUES" section of this label for information on proper use and calibration of this equipment.

Allow at least the following time intervals between application and harvest:

<table>
<thead>
<tr>
<th>Crops</th>
<th>PHI (Days)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cotton, Soybeans</td>
<td>7</td>
</tr>
<tr>
<td>Apples, Atemoya, Avocado, Breadfruit, Canistel, Carambola, Cherry, Citrus, Dates, Grapes, Jaboticaba, Jackfruit, Longan, Lychee, Passion fruit, Pear, Persimmons, Rambabag, Sapodilla, Sapote, Soursop, Sugarpapple, Tamarind</td>
<td>14</td>
</tr>
<tr>
<td>Stone fruit</td>
<td>17</td>
</tr>
<tr>
<td>Nut crops, except Pistachios</td>
<td>3</td>
</tr>
<tr>
<td>Pistachio nuts</td>
<td>21</td>
</tr>
<tr>
<td>Sorghum (Milo)</td>
<td>40</td>
</tr>
</tbody>
</table>

*Do not use roller applicators. Do not feed or graze treated Milo fodder. Do not ensile treated vegetation.

When applied as directed for "CROPPING SYSTEMS" under the conditions described, this product controls weeds listed on this label in Asparagus.

For specific rates of applications and instructions for control of various Annual and Perennial weeds, see the "WEEDS CONTROLLED" section of this label.

Prior to crop emergence — Apply this product prior to crop emergence for the control of the emerged labeled Annual and Perennial weeds. DO NOT APPLY WITHIN A WEEK BEFORE THE FIRST SPEARS EMERGE.

Spot treatment — Apply this product immediately after cutting, but prior to the emergence of new spears. Do not treat more than 10% of the total field area to be harvested. Do not harvest within 5 days of treatment.

Post-harvest — Apply this product after the last harvest and all spears have been removed. If spears are allowed to regrow, delay application until ferns have developed. Delayed treatments should be applied as directed or shielded spray in order to avoid contact of the spray with ferns, stems or spears. Direct contact of the spray with ferns may result in serious crop injury.

Note: Select and use recommended types of spray equipment for post-emergence, post-harvest applications. A directed spray is any application where the spray pattern is aligned in such a way as to avoid direct contact of the spray with the crop. A shielded spray is any application where a physical barrier is positioned and maintained between the spray and the crop to prevent contact of spray with the crop.

For Cranberries, apply after fruit set and no later than 30 days before harvest. For other Berries, apply as a pre-plant broadcast application or as a directed spray or wiper application, post-planting.

Wiper applicators may be used in Cranberries in accordance with instructions in this section. See "GENERAL INFORMATION" and "MIXING ADDITIVES AND APPLICATION INSTRUCTIONS" sections of this label for essential product performance information.

See the "SELECTIVE EQUIPMENT" part of the "APPLICATION EQUIPMENT AND TECHNIQUES" section of this label for information on recommended use and calibration of this equipment.

For small Fruits and Berries, allow a minimum of 14 days between last application and harvest.

For wick or other wiper applicators — Mix 1 gallon of this product in 4 gallons of water to prepare a 20% solution. Apply the solution to emerged weeds. Apply after Cranberry fruit set and no later than 30 days before harvest.

In severe infestations, reduce equipment ground speed to ensure that adequate amounts of this product are wiped on the weeds. A second treatment in the opposite direction may be beneficial. Do not permit herbicide solution to contact desirable vegetation, including green shoots, canes or foliage.

Use this product in fallow and reduced-tillage systems for control of Annual weeds prior to emergence of crops listed in this label. Refer to the "WEEDS CONTROLLED" section of this label for specific rates and instructions. This product may be applied using ground or aerial spray equipment. See the "APPLICATION EQUIPMENT AND TECHNIQUES" section of this label for instructions.

Tank Mixtures of This Product:

- Banvel plus non-ionic surfactant
- 2,4-D plus non-ionic surfactant
- Goal Plus non-ionic surfactant

DO NOT APPLY BANVEL OR 2,4-D TANK MIXTURES BY AIR IN CA.

Applications of 2,4-D or Banvel must be made at least 7 days prior to planting Corn. The addition of Banvel in a mixture with this product may provide short-term residual control of selected weed species. Some crop injury may occur if Banvel is applied within 45 days of planting. Refer to the Banvel and 2,4-D labels for cropping restrictions and other use instructions.

This Product plus Goal Tank Mixtures

This product alone or in tank mixtures with Goal plus 0.5 to 1% non-ionic surfactant by total spray volume will provide control of the weeds listed below.

Make applications when weeds are actively growing and at the recommended stages of growth. Avoid spraying when weeds are subject to moisture stress, when dust is on the foliage or when straw canopy covers the weeds.

<table>
<thead>
<tr>
<th>Weed Type</th>
<th>Treatment</th>
<th>Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Annual grasses (above) plus:</td>
<td>Chickweed, Groundsel, Marestail, Rocket (London), Ryegrass (Annual), Shepherdspurse</td>
<td>6 inches</td>
</tr>
<tr>
<td>Annual grasses (above)</td>
<td>Cheeseweed (Common), Chickweed, Groundsel</td>
<td>3 inches</td>
</tr>
<tr>
<td>Annual grasses above plus:</td>
<td>Chickweed, Rocket (London), Shepherdspurse</td>
<td>6 inches</td>
</tr>
<tr>
<td>Annual weeds above plus:</td>
<td>Cheeseweed (Common), Groundsel</td>
<td>5 inches</td>
</tr>
<tr>
<td></td>
<td>Chickweed, Rocket (London), Shepherdspurse</td>
<td>12 inches</td>
</tr>
</tbody>
</table>

**Note:** Use 32 fl. ozs. of this product per acre where heavy weed densities exist.

**Maximum height or length in inches.**

These recommended tank mixtures may be applied using ground or aerial spray equipment. Refer to the "WEEDS CONTROLLED" section of this label for specific rates and instructions.

**Ecofarming Systems**

THE RECOMMENDATIONS MADE IN THIS SECTION ARE NOT REGISTERED FOR USE IN CA.

The Ecofarming System consists of the following rotation: Winter wheat, Corn/Sorghum, Ecofallow. Use the following tank mixtures for control of emerged Annual weeds before planting Corn or Sorghum in the Ecofarming System:

**This Product at 16 to 20 fluid ounces per acre plus:**

- 2,4-D at 0.375 to 0.5 pound active ingredient per acre
- Atrazine at 0.75 to 1 pound active ingredient per acre
- Lasso ® at 2.5 to 3 quarts per acre

The preceding tank mixture should be applied in 28-0-0 or 32-0-0 liquid fertilizer carrier at 20 to 30 gallons per acre. The liquid fertilizer may be diluted with water to achieve the desired carrier volume.

**Weeds Controlled** — The following weeds, up to a maximum height of 4 inches, will be controlled:

<table>
<thead>
<tr>
<th>Weed Type</th>
<th>Treatment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brome, downy</td>
<td>Bromus tectorum</td>
</tr>
<tr>
<td>Cheat</td>
<td>Bromus secalinus</td>
</tr>
<tr>
<td>Foxtail, green</td>
<td>Setaria viridis</td>
</tr>
<tr>
<td>Foxtail, yellow</td>
<td>Setaria lutescens</td>
</tr>
<tr>
<td>Kochia*</td>
<td>Kochia scoparia</td>
</tr>
</tbody>
</table>

*For improved control of Kochia, add 4 fl. ozs. per acre (0.125 pound active ingredient per acre) of Banvel to the above tank mixture.

Risk of crop injury from 2,4-D or Banvel can be reduced by applying this treatment 7 to 14 days before planting.
Refer to the label booklet for Lasso herbicide for pre-emergence weed control achieved by this tank mixture. Refer to the specific product labels for crop rotation restrictions and cautionary statements for all products used in these tank mixtures.

**Application before grazing livestock or harvesting.** For spot treatment and wiper application, apply in areas where the movement of domestic livestock can be controlled. For removal of last stubble or ratoon cane, apply 4 to 5 quarts of this product in 10 to 40 gallons of water per acre. Make applications when weeds are actively growing and before they are 6 inches in height. Application must be followed by conventional tillage practices no later than 15 days after treatment and before regrowth occurs. Allow at least 1 day after application before grazing livestock. Tank mixtures with residual herbicides may result in reduced performance.

**Application before grazing livestock or harvesting.** For spot treatment and wiper application, apply in areas where the movement of domestic livestock can be controlled. For removal of last stubble or ratoon cane, apply 4 to 5 quarts of this product in 10 to 40 gallons of water per acre. Make applications when weeds are actively growing and before they are 6 inches in height. Application must be followed by conventional tillage practices no later than 15 days after treatment and before regrowth occurs. Allow at least 1 day after application before grazing livestock. Tank mixtures with residual herbicides may result in reduced performance.

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**Application before grazing livestock or harvesting.** For spot treatment and wiper application, apply in areas where the movement of domestic livestock can be controlled. For removal of last stubble or ratoon cane, apply 4 to 5 quarts of this product in 10 to 40 gallons of water per acre. Make applications when weeds are actively growing and before they are 6 inches in height. Application must be followed by conventional tillage practices no later than 15 days after treatment and before regrowth occurs. Allow at least 1 day after application before grazing livestock. Tank mixtures with residual herbicides may result in reduced performance.

**Application before grazing livestock or harvesting.** For spot treatment and wiper application, apply in areas where the movement of domestic livestock can be controlled. For removal of last stubble or ratoon cane, apply 4 to 5 quarts of this product in 10 to 40 gallons of water per acre. Make applications when weeds are actively growing and before they are 6 inches in height. Application must be followed by conventional tillage practices no later than 15 days after treatment and before regrowth occurs. Allow at least 1 day after application before grazing livestock. Tank mixtures with residual herbicides may result in reduced performance.

**Application before grazing livestock or harvesting.** For spot treatment and wiper application, apply in areas where the movement of domestic livestock can be controlled. For removal of last stubble or ratoon cane, apply 4 to 5 quarts of this product in 10 to 40 gallons of water per acre. Make applications when weeds are actively growing and before they are 6 inches in height. Application must be followed by conventional tillage practices no later than 15 days after treatment and before regrowth occurs. Allow at least 1 day after application before grazing livestock. Tank mixtures with residual herbicides may result in reduced performance.
Broadcast applications — This product may be applied using either aerial or ground spray equipment. For ground applications with broadcast equipment, apply this product in 10 to 20 gallons of water per acre. For aerial applications, apply this product in 3 to 10 gallons of water per acre.

FOR AERIAL APPLICATIONS, REFER TO THE “APPLICATION EQUIPMENT AND TECHNIQUES” AND “AERIAL EQUIPMENT” SECTIONS OF THIS LABEL.

DO NOT EXCEED A MAXIMUM RATE OF 1 QUART PER ACRE OF THIS PRODUCT WHEN MAKING APPLICATIONS BY AIR.

Weed control — For specific rates of application and instructions for control of various Annual and Perennial weeds for this product used alone or in the following tank mixtures, see the “WEEDS CONTROLLED” section of this label.

To control Johnsonsgrass using multiple-directed or broadcast over-the-top spray equipment, apply 1 quart of this product plus 0.5 to 1% non-ionic surfactant by total spray volume in 10 to 20 gallons of water per acre. Ensure complete coverage.

For partial control of Field bindweed, apply 1 quart of this product plus 0.5 to 1% non-ionic surfactant by total spray volume in 3 to 20 gallons of water per acre. Apply when Bindweed is actively growing and 12 inches or greater in length. Reduced performance may result if Bindweed is under drought stress.

Tank mixtures — When applied as recommended under the conditions described, these tank mixtures control Annual and Perennial weeds listed on this label prior to the harvest of Cotton:

This product:
- plus DEF™ 6
- plus Folex®
- plus Prep™
- plus Prep plus DEF 6 or Folex

For application guidelines, precautions and use rates, refer to DEF, Folex and Prep labels.

This product, when tank-mixed with DEF 6 or Folex defoliants, may provide enhancement of Cotton leaf drop and regrowth inhibition.

This product, when tank-mixed with DEF 6 or Folex defoliants, may provide enhancement of Cotton leaf drop and regrowth inhibition.

For application guidelines, precautions and use rates, refer to DEF, Folex and Prep labels.

For application guidelines, precautions and use rates, refer to DEF, Folex and Prep labels.

Timing of application — Apply this product or these tank mixtures for pre-harvest weed control after 80% of the Cotton bolls have opened.

Note: Do not apply to crops grown for seed. Allow a minimum of 7 days between application and harvest. Do not feed or graze treated Cotton forage or hay following pre-harvest applications.

This product is recommended for weed control in established Groves, Vineyards and Orchards, or for site preparation prior to transplanting crops listed in this section. Applications may be made with boom equipment, CDA, shielded sprayers, hand-held and high-volume wands, lances, orchard guns or wiper applicator equipment, except as directed in this section. See the “APPLICATION EQUIPMENT AND TECHNIQUES” section of this label for specific information on use of equipment.

When applying this product, refer to the “WEEDS CONTROLLED” section of this label and to specific recommendations in this section for rates to be used.

Note: Repeat treatments may be necessary to control weeds originating from underground parts of untreated weeds or from seeds. This product does not provide residual weed control. For subsequent weed control, use repeated applications of this product. Do not apply more than 10.6 quarts of this product per acre per year.

EXTREME CARE MUST BE EXERCISED TO AVOID CONTACT OF HERBICIDE SOLUTION, SPRAY, DRIFT OR MIST WITH FOLIAGE OR GREEN OR BARE TRUNK, BRANCHES, SUCKERS, FRUIT OR OTHER PARTS OF TREES OR VINES. CONTACT OF THIS PRODUCT WITH OTHER THAN MATUR ED BROWN BARK CAN RESULT IN SERIOUS CROP DAMAGE. AVOID PAINTING CUT STUMPS WITH OTHER PARTS OF TREES OR VINES. CONTACT OF THIS PRODUCT WHEN MAKING APPLICATIONS BY AIR.

Refer to the individual product labels for specific crops, rates, geographical restrictions and precautionary statements.

Read and carefully observe the label claims, cautionary statements, rates and all other information on the labels of all products.
Recommended Rates

Annual weeds — Apply 1 to 5 quarts per acre of this product in these tank mixtures. Use rates at the higher end of the recommended range when weeds are stressed, growing in dense populations or are greater than 12 inches tall.

Perennial weeds — Apply 1 pint to 5 quarts per acre of this product in these tank mixtures to control or suppress Perennial weeds. Follow the recommendations in the "WEEDS CONTROLLED" section of this label for stage of growth and application rates for specific Perennial weeds.

This Product plus Goal plus Simazine/Surfian
This product plus low rates of Goal in 3-way or 4-way mixtures with simazine and/or Surfian will provide post-emergence control of the weeds listed below. Refer to the individual simazine and Surfian labels for pre-emergence rates, weeds controlled, precautionary statements and other important information. Apply these tank mixtures in 3 to 40 gallons of water. Add 0.5 to 1% non-ionic surfactant by total spray volume to the spray solution. Apply 1 to 5 quarts per acre of this product plus 4 to 48 fluid ounces per acre of Goal plus labeled rates of simazine and/or Surfian to control the following weeds:

Barley, wild
Hordeum leporinum

Bluegrass, annual
Poa annua

Cheeseweed, common
Malva spp.

Chickweed, Common
Stellaria media

Filarie*
Erodium spp.

Flax, hairy
Conyza bonariensis

Groundsel, common
Senecio vulgaris

Horseweed, marestail
Conyza canadensis

Nettle, stinging
Urtica dioica

Pineappleweed
Maticaria mcatiarioides

Rocket, London
Sisymbrium irio

Shepherdspurse
Capsella bursa-pastoris

Sowthistle, annual
Sonchus oleraceus

*Use a minimum of 1.5 gals. of this product in this mixture.

Note: This recommendation does not preclude the use of Goal in these mixtures at higher, labeled rates for pre-emergence weed control.

Perennial Grass Suppression — Orchard Floors
When applied as directed, this product will suppress vegetative growth as indicated below.

Bahiagrass: This product will provide significant inhibition of seedhead emergence and will suppress vegetative growth for a period of approximately 45 days with a single application and approximately 120 days with sequential applications. Apply this product 1 to 2 weeks after full greenup or after mowing to a uniform height of 3 to 4 inches. Applications must be made prior to seedhead emergence. Apply 6 fluid ounces of this product plus 0.5 to 1% non-ionic surfactant by total spray volume in 10 to 25 gallons of water per acre. Sequential applications of this product plus non-ionic surfactant may be made at approximately 45-day intervals to extend the period of seedhead and vegetative growth suppression. For continued seedhead suppression, sequential applications must be made prior to seedhead emergence. Apply no more than 2 sequential applications per year. As a first sequential application, apply 4 fluid ounces of this product plus non-ionic surfactant. A second sequential application of 2 to 4 fluid ounces may be made approximately 45 days after the last application.

Bermudagrass
For burndown, apply 1 to 2 quarts of this product plus 0.5 to 1% non-ionic surfactant by total spray volume in 3 to 20 gallons of water per acre. Use 1 quart of this product in 3 to 20 gallons of water per acre East of the Rocky Mountains. Use 1 to 2 quarts of this product in 3 to 10 gallons of water per acre West of the Rocky Mountains. Use this treatment only if reduction of the growth stages listed in the "PERENNIAL WEEDS" section of this label. If Perennial weeds are mowed, allow weeds to regrow to the height and apply the recommended rate of this product 3 to 4 days after mowing. Avoid treating cool-season Grass covers under poor growing conditions, such as drought stress (drip irrigation), disease or insect damage.

Low Volume Application (FL and TX)
For burndown or control of the weeds listed, apply the recommended rates of this product plus 0.5 to 1% non-ionic surfactant by total spray volume in 3 to 30 gallons of water per acre. Where weed foliage is dense, use 10 to 30 gallons of water per acre.

Annual weeds: Goatweed — Apply 2 to 3 quarts per acre of this product plus 17 pounds of ammonium sulfate per 100 gallons of water plus 0.5 to 1% non-ionic surfactant by total spray volume. Apply in 20 to 30 gallons of water per acre when plants are actively growing. Use 2 quarts per acre when plants are less than 8 inches tall and 3 quarts per acre when plants are greater than 8 inches tall. If Goatweed is greater than 8 inches tall, the addition of Krovar II or Diuron may improve control. Use labeled rates for these residual products. Read and carefully observe the label claims, precautionary statements, rates and all other information on the Krovar II and Diuron labels.

Perennial weeds — Apply when leaves are actively growing and at the growth stages listed in the "PERENNIAL WEEDS" section of this label. If Perennial weeds are mowed, allow weeds to regrow to the recommended stage of growth.

Cool-season Grass covers: For suppression of Tall fescue, Fine fescue, Orchardgrass and Quackgrass, apply 8 fluid ounces of this product plus 0.5 to 1% non-ionic surfactant by total spray volume in 10 to 20 gallons of water per acre. For best suppression, add ammonium sulfate to the spray solution at a rate of 2% by weight or 17 pounds per 100 gallons of spray solution.

For suppression of Kentucky bluegrass covers, apply 6 fluid ounces of this product plus 0.5 to 1% non-ionic surfactant. Do not add ammonium sulfate.

For best results, mow cool-season grass covers in the Spring to even their height and apply the recommended rate of this product 3 to 4 days after mowing. Avoid treating cool-season Grass covers under poor growing conditions, such as drought stress (drip irrigation), disease or insect damage.

Tree Crops

Citra: Calamondin, Chironga, Citron, Grapefruit, Kumquat, Lemon, Lime, Mandarin, Orange, Pummelo, Tangerine, Tangerine

Nuts**: Almond, Beechnut, Brazil nut, Butternut, Cashew, Chestnuts, Chinquapin, Filbert, Hazelnut, Hickory nut, Macadamia, Pecan, Pistachio, Walnut

Pome Fruit*: Apple, Loquat, Mayhaw, Pear, Quince

Stone Fruit***: Apricots, Cherries, Nectarines, Olives, Peaches, Plums/Prunes


In Coffee and Banana, delay applications 3 months after transplanting to allow the new Coffee or Banana plant to become established.

For Cherries, any equipment application listed in this section may be used in all states.

For Citron and Olives, apply as a directed spray only.

Any application equipment listed in this section may be used in Apricots, Nectarines, Peaches and Plums/Prunes growing in AZ, CA, CO, ID, KS, KY, NJ, ND, OK, OR, TX, UT and WA, except for Peaches grown in states specified in the following paragraph. In all other states use wiper equipment only.

For Peaches grown in AL, AR, FL, GA, LA, MS, NC, SC and TN only, apply with a shielded boom sprayer or shielded wiper applicator, which prevents any contact of this product with the foliage or bark of trees. Apply in the morning hours after frost. Add 10 to 15 gallons of water per acre to the spray solution. Applications made after this time may result in severe damage. Remove suckers and low-hanging limbs at least 10 days prior to application. Avoid application near trees with recent pruning wounds or other mechanical injury. Apply only near trees that have been planted in the orchard for 2 or more years. EXTREME CAUTION MUST BE TAKEN TO ENSURE NO PART OF THE PEACH TREE IS CONTACTED.

**Allow a minimum of 14 days between last application and harvest.
***Allow a minimum of 3 days between last application and harvest of these crops, except Pistachio nuts.
****Allow a minimum of 21 days between last application and harvest.
*****Allow a minimum of 17 days between last application and harvest.
******Allow a minimum of 28 days between last application and harvest.
*******Allow a minimum of 31 days between last application and harvest.

This Product (Rate per Acre)

<table>
<thead>
<tr>
<th>Weed Species</th>
<th>1 qt.</th>
<th>2 qts.</th>
<th>3 qts.</th>
<th>5 qts.</th>
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</thead>
<tbody>
<tr>
<td>Bermudagrass</td>
<td>B</td>
<td>C</td>
<td>PC</td>
<td>C</td>
</tr>
<tr>
<td>Guneagrass</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TX and FL ridge</td>
<td>B</td>
<td>C</td>
<td>C</td>
<td>C</td>
</tr>
<tr>
<td>FL flatswoods</td>
<td>–</td>
<td>B</td>
<td>C</td>
<td>C</td>
</tr>
<tr>
<td>Paragrass</td>
<td>B</td>
<td>C</td>
<td>C</td>
<td>C</td>
</tr>
<tr>
<td>Torpedograss</td>
<td>S</td>
<td>–</td>
<td>PC</td>
<td>C</td>
</tr>
</tbody>
</table>

B = Burndown
C = Control
PC = Partial Control
S = Suppression

* + ** + *** + **** + ***** + ****** + *******

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Kiwi fruit

Grapes: Any variety of Table, Wine or Raisin grapes may be treated with any equipment listed in this section. Applications should not be made when green shoots, canes or foliages are in the spray zone. Allow a minimum of 14 days between last application and harvest. In the Northeast and Great Lakes regions, applications must be made prior to the end of bloom stage of Grapes to avoid injury.

ROUNDUP READY® CROPS

The following instructions include all applications which can be made onto Roundup Ready crops during the complete cropping season. DO NOT combine these instructions with other recommendations made for crops which do not contain the Roundup Ready gene, in the “CROPPING SYSTEMS” section of this label.

CORN

DREXEL CHEMICAL RECOMMENDS USE OF THIS PRODUCT FOR POST-EMERGENCE APPLICATION ONLY ON CORN HYBRIDS WHICH HAVE THE ROUNDUP READY GENE.

Applying this product to Corn hybrids which are not designated “Roundup Ready” will result in severe crop injury and yield loss. The Roundup Ready designation indicates that the Corn contains a patented gene which provides tolerance to certain glyphosate-containing herbicides including this product. Information on Roundup Ready Corn is available from your seed supplier. Crop safety and weed control performance are not warranted when this product is used in conjunction with seed from unauthorized sources.

Application Instructions

This product may be applied post-emergence to Roundup Ready Corn from emergence through the V-8 stage (8 leaves with collars) or until Corn height reaches 30 inches, whichever comes first. Single in-crop applications of this product are not to exceed 1 quart per acre. Sequential in-crop applications of this product from emergence through the V-8 stage or 30 inches is 2 quarts per acre. Maximum Yearly Amounts Allowed (See “Footnote 1”) Pre-plant: Maximum amount of this product which can be applied prior to crop emergence is 5 quarts per acre. In-crop: Maximum combined total of multiple in-crop applications from emergence through the V-8 stage or 30 inches is 2 quarts per acre. Pre-harvest: Maximum amount of this product that can be applied after maximum kernel fill is complete and the crop is physiologically mature (black layer formation) until 7 days prior to harvest is 1 quart per acre.

Cropping season: Combined total per year for all applications may not exceed 8 quarts per acre.

Summary Table of This Product Use Directions on Roundup Ready Corn

<table>
<thead>
<tr>
<th>Applications</th>
<th>Max. Rate of This Product per Application</th>
<th>Maximum Amount Applied</th>
<th>Pre-harvest Interval When Corn is Harvested for:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pre-plant, Pre-emergence</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Single or Sequential</td>
<td>--</td>
<td>5 qts. per acre</td>
<td>Forage - 50 days</td>
</tr>
<tr>
<td>Post-emergence, in-crop (emergence to V-8 stage or 30 inches high)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Single</td>
<td>1 qt. per acre</td>
<td>1 qt. per acre</td>
<td>Forage - 50 days</td>
</tr>
<tr>
<td>Sequential (min. 10-day interval between applications)</td>
<td>1 qt. per acre</td>
<td>2 qts. per acre</td>
<td>Forage - prohibited</td>
</tr>
<tr>
<td>Pre-harvest, Corn for grain (Black layer to 7 days PHI)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Single</td>
<td>1 qt. per acre</td>
<td>1 qt. per acre</td>
<td>Grain - 7 days</td>
</tr>
<tr>
<td>Combined per year total for all applications: 8 qts. per acre</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

When applied as directed, this product controls labeled Annual grasses and Broadleaf weeds in Roundup Ready Corn. Many Perennial grasses and Broadleaf weeds will be controlled or suppressed with one or more applications of this product. Applications should be made to actively growing weeds before they reach the maximum height listed in the “WEEDS CONTROLLED” section. Refer to the "MIXING, ADDITIVES AND APPLICATION INSTRUCTIONS" section of the label for proper use instructions.

Ammonium Sulfate

Ammonium sulfate may be mixed with this product for applications to Roundup Ready Corn. Refer to the "MIXING, ADDITIVES AND APPLICATION INSTRUCTIONS" section of this label for use instructions for ammonium sulfate.

Pre-harvest intervals

Allow a minimum of 50 days between application of this product and harvest of Corn forage and 7 days between application and harvest of Corn grain. Allow a minimum of 10 days between in-crop application of this product. Do not graze, harvest or feed Corn forage or silage following sequential in-crop applications of this product on Roundup Ready Corn. There are no rotational crop restrictions following applications of this product.

ATTENTION: AVOID DRIFT. EXTREME CARE MUST BE EXERCISED WHEN APPLYING THIS PRODUCT TO PREVENT INJURY TO DESIRABLE PLANTS AND CROPS WHICH DO NOT CONTAIN THE ROUNDUP READY GENE.

THOROUGHLY CLEAN THE SPRAY TANK AND ALL LINES AND FILTERS TO ELIMINATE POTENTIAL CONTAMINATION FROM OTHER HERBICIDES PRIOR TO MIXING AND APPLYING THIS PRODUCT.

Ground Applications

Use the recommended rates of this product in 5 to 20 gallons of spray solution per acre as a broadcast spray. Carefully select correct nozzles and spray pressure to avoid spraying a fine mist. Check for even distribution of spray droplets.

Aerial Applications

Use the recommended rates of this product in 3 to 15 gallons of spray solution per acre. Do not exceed 1 quart per acre. See “WEEDS CONTROLLED” section of this label for recommended rates. AVOID DRIFT. DO NOT APPLY DURING INVERSION CONDITIONS WHICH FAVOR DRIFT. DRIFT MAY CAUSE DAMAGE TO DESIRABLE VEGETATION CONTACTED TO WHICH TREATMENT IS NOT INTENDED.

To prevent injury to desirable vegetation, buffer zones MUST BE MAINTAINED. AERIAL APPLICATIONS TO ROUNDUP READY CORN MAY BE MADE ONLY IN THE FOLLOWING STATES: AL, AR, CO, FL, GA, KS, LA, MS, MO (Bootheel only), NE, NC, ND, OK, SC, SD, TN, TX.

Weed Control Recommendations

Apply 24 to 32 fluid ounces of this product per acre for control of labeled Grasses and Broadleaf weeds in conventional and no-till Corn production systems. See "ANNUAL WEEDS" section of this label for rates and recommendations for specific Annual weeds. This product, applied up to 1 quart per acre, will control or suppress the growth of Perennial weeds such as:

- Bermudagrass
- Canada thistle
- Common milkwheat
- Field bindweed
- Horseweed
- Hemp dogbane
- Nutseed
- Quackgrass
- Swamp smartweed
- Redvine
- Tennesseepopper
- Swamp smartweed
- Wirestem mutley

For additional information on Perennial weeds, see the "PERENNIAL WEEDS" section of this label.

Pre-emergence followed by post-emergence weed control program:

This product may be applied post-emergence in-crop following any labeled pre-emergence herbicide application. The post-application of this product should be made before the weeds reach a height and/or density that the weeds become competitive with the crop. A single in-crop application of this product at the recommended rate will provide control of emerged weeds listed on this label. This product may be applied post-emergence to Roundup Ready Corn from emergence through V-8 (8 leaves with collars) stage or until Corn height reaches 30 inches (free standing), whichever comes first.

Post-emergence only weed control program:

This product may be applied alone as a post-emergence in-crop application to provide control of emerged weeds listed on the label. The post-emergence application of this product should be made before the weeds reach a height and/or density that the weeds become competitive with the crop. If new flushes of weeds occur, a sequential application of this product at 24 to 32 fluid ounces per acre will control the listed Grasses and Broadleaf leaves. This product may be applied post-emergence to Roundup Ready Corn from emergence to the V-8 stage or until Corn height reaches 30 inches (free standing), whichever comes first. This product may be applied in tank mixtures with a labeled rate of Harness®, Harness Xtra, Harness Xtra 5.6L, Micro-Tech, Bullet, Partner, Permit® or Atrazine. Refer to the specific product label and observe all precautions and limitations on the label for all products used in tank mixtures, including application timing restrictions, soil restrictions, minimum re-cropping interval and rotational guidelines. The other restrictive requirements apply. Tank mixtures with other products may result in increased potential for crop injury and/or weed antagonism. Refer to the following table for height limitation for tank mix partner.
In addition to uses listed, the following applications can be made:

**Over-the-top applications**: This product may be applied by aerial or ground application equipment post-emergence to Roundup Ready Cotton from the ground cracking stage until the 4-leaf (node) stage of development (i.e., the true-leaf stage of a crop). Over-the-top applications made after the 4-leaf (node) stage of development may result in boll loss, delayed maturity and/or yield loss. Any single over-the-top broadcast application should not exceed 1 quart per acre. No more than 2 over-the-top broadcast applications may be made from crop emergence through the 4-leaf (node) stage of development. Sequential over-the-top applications of this product must be at least 10 days apart and Cotton must have at least 2 nodes of incremental growth between applications.

**Note**: Always plant into a weed-free seedbed in no-till and stale seedbed systems. Always plant into a weed-free seedbed. In no-till and stale seedbed systems always burn down existing weeds before Cotton emerges. Apply a pre-plant burndown treatment of 16 to 48 fluid ounces per acre of this product.

**Post-directed or hooded applications**: This product may be applied using precision post-directed or hooded sprayers to Roundup Ready Cotton through lay-by. At this stage, post-directed equipment should be used which directs the spray to the base of the Cotton plants. Contact of the spray with Cotton leaves should be avoided to the maximum extent possible. To minimize spray onto the leaves of the Cotton plants, place nozzles in a low position directing a horizontal spray pattern under the Cotton leaves to contact the weeds in the row, and maintain low spray pressure (less than 30 psi). For best results make applications while weeds are small (less than 3 inches). Applications that contact the Cotton leaves may result in boll loss, delayed maturity and/or yield loss. Any single post-directed application should not exceed 1 quart per acre of this product. No more than 2 applications should be made to the 4-leaf stage through lay by. Sequential in-crop applications of this product must be at least 10 days apart and Cotton must have at least two nodes of incremental growth between applications.

**ATTENTION**: Use of this product in accordance with label directions is expected to result in normal growth of Roundup Ready Cotton, however, various environmental conditions, agronomic practices and other factors may cause the loss of the crop. One quart per acre may be applied either as an over-the-top application or as a post-directed treatment sprayed higher on the Cotton plants and over the weeds.

**Note**: Salage treatments will result in significant boll loss, delayed maturity and/or yield loss.

**Salvage treatment**: This treatment may be used after the 4-leaf stage of development and should only be used where weeds threaten to cause the loss of the crop. One quart per acre may be applied either as an over-the-top application or as a post-directed treatment sprayed higher on the Cotton plants and over the weeds.

**Note**: Salage treatments will result in significant boll loss, delayed maturity and/or yield loss. No more than one salvage treatment should be used per growing season.

**Weeds controlled**: For specific rates of application and instructions for control of various Annual and Perennial weeds, refer to the “Annual Weeds” section. This product, applied at 1-quart per acre will burn down or suppress the growth of the following Perennial weeds and reduce crop competition:

- Yellow and Purple nutsedge
- Rhizome johnsongrass
- Common bermudagrass
- Silverleaf nightshade
- Trumpetcreepers
- Redvine

Fall pre-harvest application may be required for control of these Perennial weeds.

**Tank mixtures**: With other herbicides may result in reduced weed control or crop injury and are not recommended for over-the-top applications with this product.

Some weeds with multiple germination times or suppressed (stunted) weeds, may require sequential applications of this product for control.

**Pre-harvest applications**: This product may be applied for pre-harvest Annual and Perennial weed control as a broadcast treatment to Roundup Ready Cotton after 20% boil crack. Allow a minimum of 7 days between application and harvest. THE USE OF ADDITIVES FOR PRE-HARVEST APPLICATION TO ROUNDUP READY COTTON IS PROHIBITED.

**Note**: This product will not enhance the performance of harvest aids when applied to Roundup Ready Cotton. DO NOT APPLY THIS PRODUCT PRE-HARVEST TO CROPS GROWN FOR SEED.

**Note**: Non-ionic surfactants which are labeled for use with post-emergence herbicides may be used. A minimum of 0.2% surfactant concentration (2 quarts per 100 gallons of spray solution) for surfactant containing less than 70% active ingredient. When using surfactant which contains at least 70% active ingredient, or a 1% surfactant concentration (4 quarts per 100 gallons of spray solution) for surfactant containing less than 70% active ingredient.

**Footnote 1**: The yearly maximum allowable amount of this product that can be applied also includes other glyphosate-containing products, such as Glyfos Herbicide, Glyfos X-TRA, Glyfos AU, Roundup and Roundup Ultra.

**DRLEXEL CHEMICAL RECOMMENDS USES OF THIS PRODUCT FOR POST-EMERGENCE APPLICATION ONLY ON SOYBEAN VARIETIES WHICH HAVE THE ROUNDUP READY GENE.**
Applying this product to Soybean varieties which are not designated as “Roundup Ready” will result in severe crop injury and yield loss. Avoid contact with foliage, green stems or fruit of crops or any desired plants that do not contain the Roundup Ready gene, since severe injury will result. Roundup Ready varieties must be purchased from an authorized seed supplier. Crops safety and weed control performance are not warranted when this product is used in conjunction with seed from unauthorized sources or seed saved from previous year’s production and replanted.

The “Roundup Ready” designation indicates that the Soybean contains a patented gene which provides tolerance to certain glyphosate-containing herbicides including this product. Information on Roundup Ready Soybeans is available from your seed supplier.

**Application Instructions**

This product may be applied post-emergence to Roundup Ready Soybeans from the cracking stage through the full flowering stage. **Pre-plant recommendations** are made for best results, but are not required. Allow a minimum of 14 days between application and harvest of Soybeans.

**Maximum Allowable Yearly Rates (See “Footnote 1”)**

<table>
<thead>
<tr>
<th>Rate (oz. per acre)</th>
<th>Farm</th>
<th>Commercial</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
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<tr>
<td>30</td>
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<td>70</td>
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<tr>
<td>80</td>
<td>80</td>
<td>80</td>
</tr>
</tbody>
</table>

**Pre-plant:** Maximum amount of this product which can be applied prior to crop emergence is 5 quarts per acre.

**In-crop:** Maximum combined total of single or multiple in-crop applications of this product from cracking to flowering is 3 quarts per acre. The maximum rate for any single in-crop application is 2 quarts per acre. The maximum combined total of this product which can be applied during flowering is 2 quarts per acre.

**Post-emergence:** Maximum amount of this product which can be applied after loss of green color in Soybean pods until 14 days before harvest is 1 quart per acre. The maximum for any single in-crop application is 2 quarts per acre. The maximum combined total of this product which can be applied during flowering is 2 quarts per acre. The maximum combined total of this product which can be applied after loss of green color in Soybean pods until 14 days before harvest is 1 quart per acre.

**Cropping season:** Combined total for the year for all applications of this product may not exceed 8 quarts per acre. When used as directed, this product will control Annual grasses and Broadleaf weeds listed in Roundup Ready Soybeans. Many Perennial grasses and Broadleaf weeds will be controlled or suppressed with 1 or more applications of this product. There are no rotational crop restrictions following applications of this product.

**Ground Application**

Use the recommended rates of this product in 5 to 20 gallons of water per acre. Do not exceed 1 quart of this product per acre.

**Aerial Application**

Use the recommended rates of this product in 5 to 20 gallons of water per acre. Do not exceed 1 quart of this product per acre.

**Tank mixtures:**

- Tank mixtures with other herbicides are not recommended due to the potential for crop injury and/or weed antagonism, and to rotational crop restrictions of the tank-mixed partner.
- This product may be used at a rate of up to 64 fluid ounces (2 quarts) per acre in any single application for control of Annual weeds where heavy weed infestations exist. The maximum combined total of this product which can be applied during flowering is 2 quarts per acre.

**Note:** The following recommendations are based on a clean start at planting by using a burndown application or tillage to control existing weeds before crop emergence. In stale seedbed or no-till Soybean production systems, a pre-plant burndown treatment of 0.5 to 2 quarts (16 to 64 fluid ounces) per acre of this product may be applied to control existing weeds prior to crop emergence.

**Midwest/Mid-Atlantic Recommendations**

**Narrow-row, drilled or wide-row Soybeans:** A single in-crop application of this product will provide effective control of labeled weeds. For best results, an initial application of 1 quart (32 fluid ounces) per acre on 4 to 8 inch weeds is recommended. Weeds will generally be 4 to 8 inches tall 3 to 5 weeks after planting. If the initial application is delayed and weeds are 8 to 12 inches tall, use 1.5 quarts (48 fluid ounces) per acre for best results.

Under adverse conditions such as drought, hail, wind damage or a poor Soybean stand that slows or delays canopy closure, a sequential application of this product at 24 to 32 fluid ounces per acre may be necessary to control late flushes of weeds. The combined total applications of this product made in-crop is not to exceed 96 fluid ounces per acre.

**Delta/Mid-South Recommendations**

**Narrow-row, drilled or wide-row Soybeans:** A single in-crop application of this product will provide effective control of the initial stand of labeled weeds. For best results, an initial application of 1 quart (32 fluid ounces) per acre on 4 to 8 inch weeds is recommended. Weeds will generally be 4 to 8 inches tall 3 to 5 weeks after planting. If new flushes of weeds occur, they can be controlled by sequential applications of this product.

**Initial Treatment and Sequential**

**Weed Height (inches) | Rate (fl. ozs. per acre) | Initial Treatment**
<table>
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<tbody>
<tr>
<td>1 to 4</td>
<td>24</td>
</tr>
<tr>
<td>4 to 8</td>
<td>32</td>
</tr>
<tr>
<td>8 to 18</td>
<td>48</td>
</tr>
</tbody>
</table>

*Combined treatment in-crop shall not exceed 96 fl. ozs. per acre.

**North Central Recommendations**

**Narrow-row, drilled or wide-row Soybeans:** A single in-crop application of this product will provide effective control of labeled weeds. For best results, an initial application of 1 quart (32 fluid ounces) per acre on 4 to 8 inch weeds is recommended. Weeds will generally be 4 to 8 inches tall 3 to 5 weeks after planting. If new flushes of weeds occur, they can be controlled by sequential applications of this product.

**Sequential Treatment**

**Weed Height (inches) | Rate (fl. ozs. per acre) | Sequential Treatment**
<table>
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<tbody>
<tr>
<td>3 to 6</td>
<td>32</td>
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<tr>
<td>6 to 12</td>
<td>48</td>
</tr>
</tbody>
</table>

*Combined treatment in-crop shall not exceed 96 fl. ozs. per acre.

**Florida pusley, Hemp sesbania and Spurred anoda:** Apply 32 fluid ounces (1 quart) per acre to weeds 2 to 4 inches tall for the initial application. Apply 32 fluid ounces (1 quart) per acre to weeds 3 to 6 inches tall for the sequential application.

**For Black nightshade, Burcucumber, Morning glory and Pennsylvania smartweed,** apply the following rates for the initial application:

**Weed Height (inches) | Rate (fl. ozs. per acre) | Florida pusley, Hemp sesbania and Spurred anoda**
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<tbody>
<tr>
<td>1 to 3</td>
<td>24</td>
</tr>
<tr>
<td>3 to 6</td>
<td>32</td>
</tr>
<tr>
<td>6 to 12</td>
<td>48</td>
</tr>
</tbody>
</table>

Some weeds such as Black nightshade, Broadleaf signalgrass, Burcucumber, Sicklepod and Texas panicum with multiple germination times may require a sequential application of this product. Suppressed or stunted weeds may also require sequential application. Sequential applications should be made after some regrowth has occurred. Use a minimum of 16 fluid ounces per acre of this product for sequential applications. The combined yearly total of in-crop applications post-emergence, of this product, must not exceed 96 fluid ounces per acre.

**Southeast Recommendations**

**Narrow-row, drilled or wide-row Soybeans:** A single in-crop application of this product will provide effective control of the initial stand of labeled weeds. For best results, an initial application of 32 fluid ounces (1 quart) per acre on 3 to 6 inch weeds is recommended. Weeds will generally be 3 to 6 inches tall 2 to 3 weeks after planting.

**Initial Treatment**

**Weed Height (inches) | Rate (fl. ozs. per acre) | Initial Treatment**
<table>
<thead>
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</tr>
</thead>
<tbody>
<tr>
<td>3 to 6</td>
<td>32</td>
</tr>
<tr>
<td>6 to 12</td>
<td>48</td>
</tr>
</tbody>
</table>

Under adverse growing conditions such as drought, hail, wind damage or a poor stand of Soybeans that slows or delays canopy closure, a sequential application of this product at 16 to 32 fluid ounces per acre may be necessary to control late flushes of weeds.
Hemp sesbania and Spurred anoda: Apply a sequential treatment of 32 fluid ounces (1 quart) per acre on weeds 3 to 6 inches tall if required.

Some weeds such as Black nightshade, Broadleaf signalgrass, Burcucumber, Sicklepod and Texas panicum, with multiple germination times may require a sequential application of this product.

Suppressed or stunted weeds may also require sequential application. Sequential applications should be made after some regrowth has occurred. Use a minimum of 16 fluid ounces per acre of this product for sequential applications. The combined total applications post-emergence of this product must not exceed 96 fluid ounces per acre.

Sequential applications should be made after some regrowth has occurred. Use a minimum of 16 fluid ounces per acre of this product for sequential applications. The combined total applications post-emergence of this product must not exceed 96 fluid ounces per acre.

**Perennial Weeds Rate Recommendations**

A 32 to 64 fluid ounces (1 to 2 quarts) per acre rate (single or sequential applications) of this product will control or suppress Perennial weeds such as Bermudagrass, Canada thistle, Common milkweed, Field bindweed, Hemp dogbane, Horsenettle, Marestail (Horseweed), Nut-sedge, Quackgrass, Rhizome johnsongrass, Redvine, Trumpetcreeper, Swamp smartweed and Wirestem muhly.

For best results, allow Perennial weed species to achieve at least 6 inches of growth before spraying with this product. For additional information on Perennial weeds, see the "PERENNIAL WEEDS" section of this label. For some Perennial weeds, repeat application may be required to eliminate crop competition throughout the growing season.

**Note:** Non-ionic surfactants which are labeled for use with post-emergence herbicides may be used. When using additional surfactant, use 0.5% surfactant concentration (2 quarts per 100 gallons of spray solution) when using surfactants which contain at least 70% active ingredient or a 1% surfactant concentration (4 quarts per 100 gallons of spray solution) for those surfactants containing less than 70% active ingredient.

The addition of certain surfactants to this product may result in some crop response including leaf necrosis, leaf chlorosis or leaf speckling due to the surfactant added to the spray mixture. Read and carefully observe cautionary statements and other information appearing on the surfactant label.

**Footnote 1:** The yearly maximum allowable amount of this product that can be applied also includes other glyphosate-containing products, such as Glyphos Herbicide, Glyphos X-TRA, Glyphos AU, Roundup and Roundup Ultra.

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**STORAGE AND DISPOSAL**

Do not contaminate water, foodstuffs, feed or seed by storage or disposal.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticide disposal or in accordance with applicable Federal, State or Local procedures. Emptied container retains vapor and product residue. Observe all labeled safeguards until container is destroyed.

**CONTAINER DISPOSAL:**

**Nonrefillable Container (rigid material; less than 5 gallons):** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container one-fourth full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Dispose of empty container in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**Nonrefillable Container (rigid material; 5 gallons or greater):** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill container one-fourth full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several more times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Dispose of empty container in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**Refillable Containers:** Refillable containers. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10% full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

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