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 isopropylamine salt* .......................... 41.0%

**OTHER INGREDIENTS:** ................................................................. 59.0%

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

*Contains 480 grams per liter or 4 pounds per U.S. gallon of the active ingredient glyphosate, in the form of its isopropylamine salt. Equivalent to 356 grams per liter or 3 pounds per U.S. gallon of the acid, glyphosate.

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

See FIRST AID Below

EPA Reg. No. 19713-526
EPA Est. No. 19713-TN-003 Net Content: 30 Gal.

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

**FIRST AID**

**IF ON SKIN OR CLOTHING:**
- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15 to 20 minutes.
- Call a poison control center or doctor for treatment advice.

**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 further treatment advice.

**IF SWALLOWED:**
- Call a poison control center or doctor immediately for treatment advice.
- 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 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.
- 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 1-800-558-7378.

**DOMESTIC USE**

**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 directed 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 Worker Protection 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, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statement 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 butyl rubber, natural rubber, neoprene rubber or nitrile rubber >14 mils, shoes plus socks and protective eyewear.

Precautionary Statements

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

CAUTION: Harmful if absorbed through skin, if inhaled, or if swallowed. Causes moderate eye irritation. Avoid breathing of spray mist. Avoid contact with skin, eyes, and clothing.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Applicators and other handlers must wear: Long-sleeved shirt and long pants, shoes plus socks, and chemical-resistant gloves (such as natural rubber, Selection Category A). Follow manufacturer’s instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

**ENGINEERING CONTROLS**

When handlers use closed systems, enclose 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)(i-ii)), the handler PPE requirements may be reduced or modified as specified in the WPS.

**USER SAFETY RECOMMENDATIONS**

Users should: 1) Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. 2) Remove clothing/PPE immediately if pesticides get 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.

**IMITATOR® Plus**

Herbicide

Manufactured By:
Drexel Chemical Company
P.O. BOX 13327, MEMPHIS, TN 38113-0267

SINCE 1972

**IMITATOR** is a registered trademark of Drexel Chemical Company.
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 the 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.

USE INFORMATION

READ ENTIRE LABEL BEFORE USING THIS PRODUCT.

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

This product mixe readily with water to be applied as a foliar spray for the control or destruction of most herbaceous plants. It may be applied through most standard handheld or field-type sprayers after dilution and thorough mixing with water in accordance with label instructions. This product mixes readily through the plant from the point of foliage contact to and into the root system. Visible effects on most annual weeds occur within 2 to 4 days, but on most perennial weeds may not occur for 7 days or more. Extremely cool or cloudy weather following treatment may slow activity of this product and delay visible effects of control. Visible effects are a gradual wilting and yellowing of the plant which advances to complete browning of above-ground growth and deterioration of underground plant parts.

Unless otherwise specified on this label, delay application until vegetation has emerged and reached the stages described for control of such vegetation under the "WEEDS CONTROLLED" section of this label. Unemerged plants arising from unattracted underground rhizomes or root stocks of perennials will not be affected by the herbicide and will continue to grow. For this reason, control of most perennial weeds is obtained when treatment is made at late growth stages approaching maturity.

Always use the higher rate of this product per acre within the specified range when 1) weed growth is heavy or dense, or 2) weeds are growing in an undisturbed (non-cultivated) area.

Do not treat weeds under poor growing conditions such as drought stress, disease or insect damage, as reduced weed control may result. Reduced results may also occur when treating weeds heavily covered with dust.

Reduced control may result when applications are made to annual and perennial weeds that have been mowed, grazed or cut and have not been allowed to regrow to the recommended stage for treatment.

Rainfall or irrigation occurring within 6 hours after application may reduce effectiveness, however rainfall or irrigation within 2 hours after application may wash the chemical off the foliage and a repeat treatment may be required.

This product does not provide residual weed control. For subsequent residual weed control, follow a label-approved herbicide program. Read and carefully observe the cautions and all other information appearing on the labels of all herbicides used.

Buyer and all users are responsible for all loss or damage in connection with the use or handling of mixtures of this product with herbicides or other materials that are not expressly recommended in this labeling. Mixing this product with herbicides or other materials not recommended on this label may result in reduced performance.

For best results, spray coverage should be uniform and complete. Do not spray weed foliage to the point of runoff.

ATTENTION: AVOID DRIFT EXTREME CARE MUST BE USED WHEN APPLYING THIS PRODUCT TO PREVENT INJURY TO DESIRABLE PLANTS AND CROPS.

Do not allow the herbicidal solution to melt, drip, drift or splash onto desirables. Visible damage within 1 minute quantities of this product can cause severe damage to destruction to the crop, plants or other areas on which treatment was not intended.

The likelihood of injury occurring from the use of this product is greatest when winds are gusty or in excess of 5 miles per hour, or when other conditions, including lesser wind velocities, will allow spray drift to occur. When spraying, avoid combinations of pressure and nozzle type that will result in splatter or fine particles (mist), which are likely to drift.

AVOID APPLYING AT EXCESSIVE SPEED OR PRESSURE.

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 contamination.

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. HAND-GUN 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 spray solutions of this product as follows: Fill the spray tank with the required amount of water. Add the specified 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 icing on the horse corner source. Due to 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 antifoam or defoaming agent.

TANK MIXTURES

This product may be tankmixed with the products listed, provided the product tankmixed is registered for use on the listed site.

Always predetermine the compatibility of labeled tankmixtures of this product with water carrier by mixing small proportional quantities in advance. Mix labeled tankmixtures 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 start agitation.

3. If wettability 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 enuslable concentrate formulation is used, premix one part enuslable 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 nonionic surfactant is recommended, add this to the spray tank before completing the filling process.

8. Add individual formulations to the spray tank as follows: wettability powder, flowables, 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 resuspend 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 stabilizers should be no finer than 50-mesh. Carefully select proper nozzle to avoid spraying a fine mist. For best results with conventional ground application equipment, use no more than 50-mesh. Clean spray and parts immediately after using this product by thoroughly flushing with water.

ADDITIONS

Surfactants: Nonionic surfactants that are labeled "for use with herbicides" may be used. Do not reduce rates of this product when adding surfactant. When adding surfactant, adhere to the manufacturer's rates and recommendations for use of the surfactant, OR, 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 1 to 2% dry ammonium sulfate by weight or 5 to 7 pounds per 100 gallons of water may increase uptake 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 a concern. Low quality ammonium sulfate 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 addition to the spray tank. If ammonium sulfate is added directly to the spray tank, add slowly with agitation, allowing 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 system with clean water after use to reduce corrosion.

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

Colorants or Dyes: Agriculturally approved colorants or marking dyes may be added to this product. Colorants or dyes used in spray solutions of this product may reduce performance, especially at lower rates or dilutions. Use colorants or dyes according to the manufacturer's recommendations.

APPLICATION EQUIPMENT AND TECHNIQUES

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

Aerial — Fixed-wing and helicopter.

Broadcast Spray

Controlled Dropet Applicator — Handheld or hand-mounted applicators are produced by a spray caging of a narrow range of droplet sizes.

Handheld and High-volume Spray Equipment — Knapack and backpack sprayers, pump-up pressure sprayers, handguns, handwands, mistblowers, lances and other handheld and motorized spray equipment used to direct the spray onto weed foliage.

*This product is not registered in OR or AZ for use in MISTBLOWERS.

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 specified rates of 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, perennial, silvicultural sites and rights-of-way. Refer to the individual use area sections of this label for volumes and application rates.
Avoid direct application to any body of water.

**AVOID DRIFT** — DO NOT APPLY DURING LOW-LEVEL INVERSION CONDI-
TIONS. WHEN WINDS ARE GUSTY OR UNDER ANY OTHER CONDITION
WHEN ACCIDENTAL DRIFT MAY CAUSE DAMAGE TO ANY VEGETATION
CONTACTED TO WHICH TREATMENT IS NOT INTENDED. TO PREVENT IN-
JURY TO ADJACENT DESIRABLE VEGETATION, APPROPRIATE BUFFER
ZONES MUST BE MAINTAINED.

Creating spray patterns 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 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.

**Ensure uniform application** — To avoid streaked, uneven or overlapped applica-
tion, use accurate marking devices.

Thoroughly wash aircraft, especially landing gear, after each day of spraying to remove residues of this product accumulated during spraying or from spills. PROLONGED EXPOSURE OF THIS PRODUCT TO UNCATED STEEL SURFACES MAY RESULT IN CORROSION AND POSSIBLE FAILURE OF THE PART. LANDING GEAR ARE MOST SUSCEPTIBLE. The maintenance of an organic coating (paint), which meets aerospace specification MIL-C-34413, may prevent corrosion.

THIS PRODUCT PLUS OUSTT, BANVEL OR 2,4-D TANK MIXTURES MAY NOT BE APPLIED BY AIR IN CA.

**BROADCAST EQUIPMENT**

For control of annual or perennial weeds listed on this label using broad-
cast equipment — Use the specified rates of this product in 3 to 40 gallons of water per acre. Increasing broadcast spray units or otherwise specified on the label. See the "WEEDS CONTROLLED" section of this label for specific rates. As den-
sity of weeds increases, spray volume should be increased within the specified 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 be not less than the amount specified in this label when applied by con-
trol 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 1.5 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 produces a spray pattern that is not easily visible. Extra care should be taken to avoid spraying or drift contact-
ing the foliage or any other green tissue of desirable vegetation, as damage or death may result.

**HANDHELD AND HIGH-VOLUME EQUIPMENT**

Use coarse sprays only. Mix this product in clean water and apply to foliage of vegetation to be controlled. For applications made on a spray-to-wet basis, good 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 nonionic surfactant to weeds less than 6 inches in height or runner length. Apply for weed formation in grass or bush in broadcast weed areas. Allow 3 or more days before tillage or mowing.

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% solu-
tion 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% solution for annual and perennial weeds and a 5 to 10% solution 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>0.5%</th>
<th>1%</th>
<th>2%</th>
<th>3%</th>
<th>5%</th>
<th>10%</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Gallon</td>
<td>0.06 oz.</td>
<td>0.13 oz.</td>
<td>0.26 oz.</td>
<td>0.39 oz.</td>
<td>0.65 oz.</td>
<td>1.3 oz.</td>
</tr>
<tr>
<td>25 Gallons</td>
<td>1 pt.</td>
<td>1 qt.</td>
<td>1.5-qt. gals.</td>
<td>2 gals.</td>
<td>2.6 gals.</td>
<td>5 gals.</td>
</tr>
<tr>
<td>100 Gallons</td>
<td>2 gals.</td>
<td>4 gals.</td>
<td>6.5 gals.</td>
<td>10 gals.</td>
<td>13 oz.</td>
<td>26 oz.</td>
</tr>
</tbody>
</table>

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 ap-
plicant or a wiper applicator after dilution and thorough mixing with water to list-
ed weeds growing on any 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 col-
lected 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 death of equipment. Applications using 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 setting on desirable vegetation may result in discoloration, stunting or de-
struction.

Applications made above the crops should be made when the weeds are a min-
imum 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 con-
tacted 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 neces-
sary.

**Shielded and Hooded Applicators**

When applied as directed under conditions described for shielded applicators, this product will control those weeds listed in the "WEEDS CONTROLLED" sec-
tion of this label.

Use the following equation to convert from a broadcast rate per acre to a band rate per acre:

$$ 	ext{Band width (inches)} 	imes \text{Broadcast RATE per acre} = \text{Band RATE per acre} $$

$$ 	ext{Row width (inches)} \times \text{Broadcast VOLUME of solution per acre} = \text{Band VOLUME of solution per acre} $$

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 vegetation. Openings in 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 wick 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 ac-
tivity 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 gals-
ons of water to prepare a 50% solution. Apply this solution to weeds listed in this "Wiper Applicators" section.

**For porous-plastic applicators** — Solutions ranging from 30% to 100% of this product in water may be used in porous-plastic wiper applicators.

When applied under the conditions described for "Wiper Applicators", this prod-
uct CONTROLS the following weeds:

<table>
<thead>
<tr>
<th>Annual Grasses</th>
<th>Annual Broadleaves</th>
<th>Perennial Grasses</th>
<th>Perennial Broadleaves</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corn (Volunteer), Zea mays</td>
<td>Rye, common Secale cereale, Shattuckea Sorghum bicolor</td>
<td>Bermudagrass Cynodon dactylon, Cynodon dactylon</td>
<td>Dogbane, hemp Apocynum cannabinum, Milkweed Asclepias syriaca</td>
</tr>
<tr>
<td>Panicum, Texas Pennisetum typhoides</td>
<td>Starbuck, b. Stipa brachytricha, Asanthisephus paludicule</td>
<td>Guineagrass Panicum maximum</td>
<td>Nightshade, silverleaf Solanum elaeagnifolium</td>
</tr>
<tr>
<td>Sears, Texas Sorghum bicolor</td>
<td>Johnsongrass Sorghum halepense</td>
<td>Velvetleaf Abutilon theophrasti</td>
<td>Tobacco, Canada Nicotiana tabacum</td>
</tr>
</tbody>
</table>

**Annual Grasses**

- Beggarticks, Florida Agrostis stolonifera
- Dogfennel Eupatorium capillifolium
- Pigweed, redroot Amaranthus retroflexus
- Ragweed, common Ambrosia artemisiifolia

<table>
<thead>
<tr>
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<th>Perennial Broadleaves</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beggarticks, Florida Agrostis stolonifera</td>
<td>Nightshade, silverleaf Solanum elaeagnifolium</td>
<td>Dogbane, hemp Apocynum cannabinum</td>
</tr>
<tr>
<td>Johnsongrass Sorghum halepense</td>
<td>Tobacco, Canada Nicotiana tabacum</td>
<td>Tobacco, Canada Nicotiana tabacum</td>
</tr>
</tbody>
</table>

**Intimidator Plus Page 3 of 20**
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 5 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 "AERIAL EQUIPMENT" section of this label for approved sites.)
2. A nonionic 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 tankmix 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.

<table>
<thead>
<tr>
<th>Weed Species</th>
<th>Maximum Height/Length</th>
<th>Rate per Acre* (fl. oz.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foxtail</td>
<td>12 inches</td>
<td>6</td>
</tr>
<tr>
<td>Barnyardgrass</td>
<td>6 to 4 inches</td>
<td>12</td>
</tr>
<tr>
<td>Echinochloa crus-galli</td>
<td>0 to 4 inches</td>
<td>16</td>
</tr>
<tr>
<td>Bluegrass, aneal</td>
<td>4 to 6 inches</td>
<td>24</td>
</tr>
<tr>
<td>Blackgrass, danse</td>
<td>6 to 12 inches</td>
<td>18</td>
</tr>
<tr>
<td>Brown beard</td>
<td>4 to 6 inches</td>
<td>12</td>
</tr>
<tr>
<td>Bromus tectorum</td>
<td>6 to 12 inches</td>
<td>18</td>
</tr>
<tr>
<td>Mustard, belue</td>
<td>6 to 12 inches</td>
<td>18</td>
</tr>
<tr>
<td>Chloptera lanata</td>
<td>6 to 12 inches</td>
<td>18</td>
</tr>
<tr>
<td>Mustard, tanay</td>
<td>6 to 12 inches</td>
<td>18</td>
</tr>
<tr>
<td>Descuria platana</td>
<td>6 to 12 inches</td>
<td>18</td>
</tr>
<tr>
<td>Mustard, tumble</td>
<td>6 to 12 inches</td>
<td>18</td>
</tr>
<tr>
<td>Symbrum italicum</td>
<td>6 to 12 inches</td>
<td>18</td>
</tr>
<tr>
<td>Mustard, wild</td>
<td>6 to 12 inches</td>
<td>18</td>
</tr>
<tr>
<td>Brassica horde</td>
<td>6 to 12 inches</td>
<td>18</td>
</tr>
<tr>
<td>Spurry, umbella</td>
<td>6 to 12 inches</td>
<td>18</td>
</tr>
<tr>
<td>Holcusum umbellat</td>
<td>6 to 12 inches</td>
<td>18</td>
</tr>
<tr>
<td>Barley</td>
<td>12 inches</td>
<td>12</td>
</tr>
<tr>
<td>Hordeum vulgare</td>
<td>12 inches</td>
<td>12</td>
</tr>
<tr>
<td>Rye</td>
<td>12 inches</td>
<td>12</td>
</tr>
<tr>
<td>Secale cereale</td>
<td>12 inches</td>
<td>12</td>
</tr>
<tr>
<td>Sandbur, field</td>
<td>12 inches</td>
<td>12</td>
</tr>
<tr>
<td>Centurus app.</td>
<td>12 inches</td>
<td>12</td>
</tr>
<tr>
<td>Shattercanec</td>
<td>12 inches</td>
<td>12</td>
</tr>
<tr>
<td>Songhum bicolor</td>
<td>12 inches</td>
<td>12</td>
</tr>
<tr>
<td>Stinkgrass</td>
<td>12 inches</td>
<td>12</td>
</tr>
<tr>
<td>Agrostis illanensis</td>
<td>12 inches</td>
<td>12</td>
</tr>
<tr>
<td>Wheat</td>
<td>18 inches</td>
<td>12</td>
</tr>
<tr>
<td>Trittum aestivum</td>
<td>18 inches</td>
<td>12</td>
</tr>
<tr>
<td>Morning glory</td>
<td>12 inches</td>
<td>12</td>
</tr>
<tr>
<td>Iborosa app.</td>
<td>12 inches</td>
<td>12</td>
</tr>
<tr>
<td>Sicklepod</td>
<td>12 inches</td>
<td>12</td>
</tr>
<tr>
<td>Cissa obatafolia</td>
<td>12 inches</td>
<td>12</td>
</tr>
<tr>
<td>Bluegrass, bulbous</td>
<td>12 inches</td>
<td>12</td>
</tr>
<tr>
<td>Plus bulbosa</td>
<td>12 inches</td>
<td>12</td>
</tr>
<tr>
<td>Cheat</td>
<td>12 inches</td>
<td>12</td>
</tr>
<tr>
<td>Bromus secalis</td>
<td>12 inches</td>
<td>12</td>
</tr>
<tr>
<td>Chickweed, common</td>
<td>12 inches</td>
<td>12</td>
</tr>
<tr>
<td>Stadium media</td>
<td>12 inches</td>
<td>12</td>
</tr>
<tr>
<td>Chickweed, mousear</td>
<td>12 inches</td>
<td>12</td>
</tr>
<tr>
<td>Cerastium vulgare</td>
<td>12 inches</td>
<td>12</td>
</tr>
<tr>
<td>Corn</td>
<td>12 inches</td>
<td>12</td>
</tr>
<tr>
<td>Zee mays</td>
<td>12 inches</td>
<td>12</td>
</tr>
</tbody>
</table>

* Use these rates to control Barnyardgrass in AL, AR, MO, MS, LA and TX for preplant treatments.
* For these rates less than 30.3 ozs. per acre, the product at rates up to 30.3 ozs. per acre may be used where heavy weed densities exist.
** For control in no-till systems, use 18 fl. ozs. per acre.

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Tank Mixtures
This product may be tank mixed with the products listed, provided the product tank mixed is registered for use on the listed site. This Product plus Banvel plus nonionic surfactant This Product plus 2,4-D plus nonionic 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—tilage areas only. Follow use direction as given in the “Low-Volumes 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 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% nonionic surfactant by total spray volume per acre to control dense populations of the following annual broadleaf weeds when less than the height indicated:

<table>
<thead>
<tr>
<th>Weed</th>
<th>Description</th>
<th>Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cocklebur (12 inches)</td>
<td>Xanthium strumarium</td>
<td>12 ounces</td>
</tr>
<tr>
<td>Horseweed/Marestail (6 inches)</td>
<td>Cyperus esculentus</td>
<td>12 ounces</td>
</tr>
<tr>
<td>Kochia* (6 inches)</td>
<td>Kochia scoparia</td>
<td>6 ounces</td>
</tr>
<tr>
<td>Lambsquarters (12 inches)</td>
<td>Chenopodium album</td>
<td>12 ounces</td>
</tr>
<tr>
<td>Lettuce, prickly (6 inches)</td>
<td>Lactuca serriola</td>
<td>12 ounces</td>
</tr>
<tr>
<td>* Contained with Banvel tank mixture only.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Apply 16 fluid ounces of this product plus 0.5 pound active ingredient of 2,4-D, plus 0.5 to 1% nonionic surfactant by total spray volume per acre to control the following annual broadleaf weeds when less than 6 inches in height:

<table>
<thead>
<tr>
<th>Weed</th>
<th>Description</th>
<th>Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ragweed, common</td>
<td>Ambrosia artemisiifolia</td>
<td>16 ounces</td>
</tr>
<tr>
<td>Ragweed, giant</td>
<td>Ambrosia tridentata</td>
<td>16 ounces</td>
</tr>
<tr>
<td>Smartweed, Pennsylvanica</td>
<td>Polygonum pensylvanicum</td>
<td>16 ounces</td>
</tr>
<tr>
<td>Velvetleaf</td>
<td>Abutilon theophrasti</td>
<td>16 ounces</td>
</tr>
</tbody>
</table>

High-Volume Broadcast Applications
When applied as directed under the conditions described, this product will control the weeds listed below when water carrier volume is 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% nonionic 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-Volumes Broadcast Application” section.

<table>
<thead>
<tr>
<th>Weed</th>
<th>Description</th>
<th>Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Balsam Abel</td>
<td>Monarda didyma</td>
<td>1.5 quarts</td>
</tr>
<tr>
<td>Bassia, fenech</td>
<td>Bassia scoparia</td>
<td>1.5 quarts</td>
</tr>
<tr>
<td>Brome</td>
<td>Bromus spp.</td>
<td>1.5 quarts</td>
</tr>
<tr>
<td>Fiddleneck</td>
<td>Ammophilia spp.</td>
<td>1.5 quarts</td>
</tr>
<tr>
<td>Fleabane, hairy</td>
<td>Conyza bonariensis</td>
<td>1.5 quarts</td>
</tr>
<tr>
<td>Fleabane</td>
<td>Erigeron spp.</td>
<td>1.5 quarts</td>
</tr>
<tr>
<td>Kochia</td>
<td>Kochia scoparia</td>
<td>1.5 quarts</td>
</tr>
<tr>
<td>Lettuce, prickly</td>
<td>Lactuca serriola</td>
<td>1.5 quarts</td>
</tr>
</tbody>
</table>

* Apply with handheld equipment only.

PERENNIAL WEEDS
Apply this product as follows to control or destroy most perennial weeds:
Note: If weeds have been mowed or killed, 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 concern. Refer to the “MIXING, ADDITIVES AND APPLICATION INSTRUCTIONS” section of this label.
When applied under the conditions described, this product will CONTROL the following perennial weeds:

<table>
<thead>
<tr>
<th>Weed</th>
<th>Description</th>
<th>Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alfalfa</td>
<td>Medicago sativa</td>
<td>1.5 quarts</td>
</tr>
<tr>
<td>Alligator weed*</td>
<td>Alternanthera philoxeroides</td>
<td>1.5 quarts</td>
</tr>
<tr>
<td>Anise, fennel</td>
<td>Pimpinella anisum</td>
<td>1.5 quarts</td>
</tr>
<tr>
<td>Artichoke, Jerusalem</td>
<td>Helianthus tuberosus</td>
<td>1.5 quarts</td>
</tr>
<tr>
<td>Baling grass</td>
<td>Psammium rotundatum</td>
<td>1.5 quarts</td>
</tr>
<tr>
<td>Bentgrass</td>
<td>Agrostis spp.</td>
<td>1.5 quarts</td>
</tr>
<tr>
<td>Bermudagrass</td>
<td>Cynodon dactylon</td>
<td>1.5 quarts</td>
</tr>
<tr>
<td>Bermudagrass, water (Knotgrass)</td>
<td>Paspalum dilatatum</td>
<td>1.5 quarts</td>
</tr>
<tr>
<td>Bindweed, field</td>
<td>Convolvulus arvensis</td>
<td>1.5 quarts</td>
</tr>
<tr>
<td>Bluegrass, Kentucky</td>
<td>Poa pratensis</td>
<td>1.5 quarts</td>
</tr>
<tr>
<td>Blueweed, Texas</td>
<td>Helenberia occidentalis</td>
<td>1.5 quarts</td>
</tr>
<tr>
<td>Brackenfern</td>
<td>Pteridium aquilinum</td>
<td>1.5 quarts</td>
</tr>
<tr>
<td>Bromegrass, smooth</td>
<td>Bromus inermis</td>
<td>1.5 quarts</td>
</tr>
<tr>
<td>Bursage, wooleyleaf</td>
<td>Franseria tomentosa</td>
<td>1.5 quarts</td>
</tr>
<tr>
<td>Canarygrass, reed</td>
<td>Phalaris arundinacea</td>
<td>1.5 quarts</td>
</tr>
<tr>
<td>Cattail</td>
<td>Typha spp.</td>
<td>1.5 quarts</td>
</tr>
<tr>
<td>Clover, red</td>
<td>Trifolium pratense</td>
<td>1.5 quarts</td>
</tr>
<tr>
<td>Clover, white</td>
<td>Trifolium repens</td>
<td>1.5 quarts</td>
</tr>
<tr>
<td>Cogongrass</td>
<td>Imperata cylindrica</td>
<td>1.5 quarts</td>
</tr>
<tr>
<td>Dallisgrass</td>
<td>Paspalum dilatatum</td>
<td>1.5 quarts</td>
</tr>
<tr>
<td>Dandelion</td>
<td>Taraxacum officinale</td>
<td>1.5 quarts</td>
</tr>
<tr>
<td>Dock, curly</td>
<td>Rumex crispus</td>
<td>1.5 quarts</td>
</tr>
<tr>
<td>Dogbane, hemp</td>
<td>Apocynum cannabinum</td>
<td>1.5 quarts</td>
</tr>
<tr>
<td>Fescue</td>
<td>Festuca spp.</td>
<td>1.5 quarts</td>
</tr>
<tr>
<td>Fescue, tall</td>
<td>Festuca arundinacea</td>
<td>1.5 quarts</td>
</tr>
<tr>
<td>Guineagrass</td>
<td>Pennisetum maximum</td>
<td>1.5 quarts</td>
</tr>
<tr>
<td>Horsenettle</td>
<td>Solanum carolinense</td>
<td>1.5 quarts</td>
</tr>
<tr>
<td>Horseradish</td>
<td>Armoracia rusticana</td>
<td>1.5 quarts</td>
</tr>
<tr>
<td>Ice plant</td>
<td>Mesembryanthemum crystallinum</td>
<td>1.5 quarts</td>
</tr>
<tr>
<td>Johnson grass</td>
<td>Sorghum halepense</td>
<td>1.5 quarts</td>
</tr>
<tr>
<td>Kikuyagrass</td>
<td>Pennisetum clandestinum</td>
<td>1.5 quarts</td>
</tr>
</tbody>
</table>

* Perennial treated

THIS PRODUCT IS NOT REGISTERED IN CA FOR USE ON WATER BERMUDAGRASS.
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% nonionic surfactant by total spray volume in 3 to 10 gallons of water per acre. Make application after the last fall cutting in the Fall. Allow 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. 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 a 2% solution of this product as a spray-to-wet treatment. Optimum results are obtained when plants are treated at bud to full-bloom stage of growth. Repeat applications may be needed in succeeding years to control plants arising from seed. Bentgrass — For suppression in grass seed production areas. For ground applications only, apply 1.5 quarts of this product per acre plus 0.5 to 1% nonionic surfactant by total spray volume in 16 to 20 gallons of water per acre. Ensure entire crown area 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 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. Retreat may be necessary to maintain control. Allow 7 or more days after application before tillage.

Bermudagrass, water (Knotgrass) — Reduces this product plus 0.5 to 1% nonionic 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 tillage, flushing or flooding the field. Fall treatments must be applied before a killing frost. 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 full bloom. Do not apply when under drought stress is under drought stress; severe soil moisture deficit 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.

Bindweed, water (Field) — 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, use application ground application only. The following tank mixtures with 2,4-D may be applied using aerial application equipment (except 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 following harvest or in Fall fallow ground 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% nonionic 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 delayed until maximum emergence has occurred and when vines are between 6 to 18 inches in length. In CA only, apply 1 to 5 quarts of this product per acre. Actual rate needed for suppression or control will vary within this range depending on local conditions.

For suppression on irrigated land where annual tillage is performed, apply 1 quart of this product plus 0.5 to 1% nonionic surfactant by total spray volume in 3 to 10 gallons of water per acre. Apply to actively growing Bindweed that has runners less than 12 inches in length. Use maximum weed emergence and runner growth do not treat when weeds are under drought stress as good soil moisture is necessary for active growth. Allow 3 or more days after application before tillage.

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

Orchardgrass (seeds going to no-till Corn) — Apply 1 to 1.5 quarts of this product per acre plus 0.5 to 1% nonionic 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 7 days after application before tillage. A sequential application of atrazine will be necessary for optimum results.

Blueweed (Texas) — Apply 4 to 5 quarts of this product West of the Mississippi River and 3 to 4 quarts per acre East of the Mississippi River. Apply when weed is actively growing and is at or beyond full bloom. Do not treat when weed is under drought stress as good soil moisture is necessary for active growth. New leaf development indicates 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.

Brackenfern — Apply 3 to 4 quarts of this product per acre as a broadcast spray or as a 1 to 1.5% solution with hand-held equipment. Apply to fully expanded fronds which are at least 18 inches long.

Burnsage (Woollyleaf) — For control, apply 2 quarts of this product plus 1 pint of Banvel per acre. For partial control, apply 1 quart of this product plus 1 pint of Banvel per acre. Add 0.5 to 1% nonionic surfactant by total spray volume and apply in 3 to 20 gallons of water per acre. Apply when plants are producing new active foliage which has been influenced by moisture for at least 2 weeks and when plants are at or beyond flowering.

Canarygrass (Reed, Timothy, Wheatgrass (Western)) — Apply 2 to 3 quarts of this product per acre. For best results, apply to actively growing plants when most have reached the boot-to-head stage of growth. Allow 7 or more days after application before tillage.

Cogongrass — Apply 3 to 5 quarts of this product plus 0.5 to 1% nonionic surfactant in 10 to 40 gallons of water per acre. Apply when Cogongrass is at least 18 inches tall and actively growing in late Summer or Fall. Allow 7 or more days after application before tillage or morening. Use the dense nature of vegetation preventing good spray coverage, repeat treatments may be necessary to maintain control.

Dandellion, 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 pound active ingredient of 2,4-D plus 0.5 to 1% nonionic 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 to flower stage of growth. For following crop harvest or mowing, allow 5 to 7 days after 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 pound active ingredient 2,4-D plus 0.5 to 1% nonionic 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-head early seedhead stage of development. Fescue treatments only — Apply 1 quart of this product plus 0.5 to 1% nonionic surfactant by total spray volume in 3 to 10 gallons of water per acre. Apply to Fescue 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 nonionic surfactant will improve longterm 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 most have reached at least the 7-leaf stage of growth. Ensure thorough coverage when using hand-held equipment. Allow 7 or more days after application before tillage.

Johnsongrass, Ryegrass (Winter) — Apply 1 to 2 quarts of this product per acre or as a 1% solution with hand-held equipment. In annual cropping systems apply 1 to 2 quarts of this product per acre. Apply 1 quart of this product plus 0.5 to 1% nonionic surfactant by total spray volume in 3 to 10 gallons of water per acre. Use 2 quarts of this product per acre on larger areas where annual tillage (no-till) is not performed, 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. For Spot treatment (partial control or suppression) — Apply a 1% solution of this product plus 0.5 to 1% nonionic surfactant by total spray volume when Johnsongrass is 12 to 18 inches in height. Coverage should be uniform and complete.

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

Knapweed, 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. For best results, apply in late Summer to Fall. Allow 7 or more days after application before tillage.

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 woody 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 late bud to flower stage of growth. Following small grain harvest or mowing, allow Milkweed to re-grow to a mature stage prior to treatment. Allow 7 or more days after application before tillage.

Muhly (Wrestem) — Apply 1 to 2 quarts of this product per acre. Use 1 quart of this product plus 0.5 to 1% nonionic surfactant in 3 to 10 gallons of water per acre before the plants reach a height of 12 inches. For this use, allow at least 3 days after treatment before tillage.

For spot treatment (partial control or suppression) — Apply a 1% solution of this product plus 0.5 to 1% nonionic surfactant by total spray volume when Johnsongrass is 12 to 18 inches in height. Coverage should be uniform and complete.

Nightshade (Silverleaf) — For control, apply 2 quarts of this product plus 0.5 to 1% nonionic 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 berried. Fall treatments must be applied before a killing frost. Allow 7 or more days after application before tillage. Do not till under drought stress as good soil moisture is necessary for active growth.

Nutsedge (Purple, Yellow) — 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 emerging nutsedge plants and existing nutsedge attached to irrigation or drainage pipes when plants are in flower or when new nuts can be found at rhizome tips. Nutsedges which have not germinated will not be controlled and may germinate following treatment. Repeat treatments will be required for longterm control of ungerminated stages of nutsedge attachments. Sequential applications of 1 to 2 quarts of this product plus 0.5 to 1% nonionic surfactant by total spray volume in 3 to 10 gallons of water per acre will provide control. Maka applications when a majority of the plants are in the 3- to 5-leaf stage.
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 to partial control of existing plants, apply 1 pint to 2 quarts of the product per acre, plus 0.5 to 1% nonionic 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. Repeat treatments will be required to control subsequent emerging plants or regrowth of existing plants. Wait 7 days after application before tillage or mowing.

**Pampasgrass, Ice plant** — Apply this product as a 1.5 to 2% solution using hand held 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 as a 2% solution from hand held equipment. In other areas of the U.S., apply 3 quarts per acre as a broadcast spray or apply a 1% solution from hand held equipment for partial control. For best results, treat during late Summer or Fall months when plants are actively growing and in full bloom. Treatment before or after this stage may lead to reduced control. Due to uneven stages of growth or the dense nature of the vegetation, which may prevent good spray coverage, repeat treatments may be necessary to maintain control. Visible symptoms of control will be slow to develop.

**Quackgrass** — In annual cropping systems or in pastures and sods followed by deep tillage: Apply 2 to 3 quarts of this product per acre. For the 1- quart rate, apply 0.5 to 1% nonionic surfactant by total spray volume in 5 to 10 gallons of water per acre. For the 2-quart rate, apply in 10 to 40 gallons of water per acre. Do not tank mix with residual herbicides when using the 1-quart rate. Spray when Quackgrass is 6 to 8 inches in height and actively growing. Do not till between harvest and Fall applications or in Fall or Spring prior to Spring application. Allow 3 or more days after application before tillage. In pastures or sods, for best results, use a moldboard plow.

**Quackgrass** — In pasture or sod or other noncrop areas where deep tillage is not planned following application: Apply 2 to 3 quarts in 10 to 40 gallons of water per acre. Spray when the weeds are greater than 8 inches tall and actively growing. Do not till between harvest and Fall application or in Fall or Spring prior to Spring application. Allow 3 or more days after application before tillage.

**Redvine** — For suppression, apply 24 fluid ounces of this product per acre at each of two applications 7 to 14 days apart, or a single application of 2 quarts per acre. Apply the specified rates in 5 to 10 gallons of water per acre plus 0.5 to 1% nonionic surfactant by total volume. Apply in late September or early October to actively growing plants, 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 a killing frost.

**Reed (Giant)** — For control of Giant reed, apply a 2% solution of this product when plants are actively growing. Best results are obtained when applications are made in late Summer to Fall.

**Smartweed (Swamp)** — Apply 2 to 3 quarts of this product per acre when plants are actively growing and most have reached the 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 pound active ingredient of 2.4-D plus 0.5 to 1% nonionic surfactant by total volume in 3 to 10 gallons of water per acre in the late Summer or Fall. Apply when plants are actively growing. If mowing has occurred prior to treatment, apply when most of the plants are 12 inches tall. Allow 7 or more days after application before tillage.

**Startihistle (Yellow)** — Best results are obtained when applications are made during periods of active growth, including the rosette, bolting and early flower stages. For spray-to-wet applications, apply this product as a 2% solution. For broadcast applications, apply 2 quarts per acre in 10 to 40 gallons per acre of water carrier.

**Sweet potato (Wild), Thistle (Artichoke)** — Apply this product as a 2% solution using hand held equipment. Application to actively growing weeds that are at or beyond the bloom stage of growth. Repeat applications will be required. Allow the plants to reach the recommended stage of growth before retreatment. Allow 7 or more days before tillage.

**Thistle (Canada)** — Apply 2 to 3 quarts of this product per acre. Apply to actively growing Thistles when most are at or beyond the bud stage of growth. After harvest, mowing or tillage in the late Summer or Fall, allow at least 4 weeks for initiation of active growth. Delaying treatment will not result in the recommended stage of growth. Fall treatments must be applied before a killing frost. Allow 3 or more days after application before tillage.

For suppression 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% nonionic 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 in diameter before treating. Applications can be made as late as frost is expected. Plants are still green and plants are actively growing at the time of application. 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 Torpedograss when most plants are at or beyond the seedhead 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.

**Trumpet creeper** — 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 under the conditions described, this product CONTROLS or PARTIALLY CONTROLS the following woody brushes, plants and trees:

- **Alder**
  - Alnus spp.
  - *Asah*
  - Fraxinus spp.
  - Aspen, Quaking
  - Populus tremuloides
  - Beargrass (beavergrass)
  - Chamaecytisus foliosissimus
  - Beech
  - Fagus grandifolia
  - Birch
  - Betula spp.
  - Blackberry
  - Rubus spp.
  - Blackgum
  - Nyssa spp.
  - Cracken
  - Ptelea spp.
  - Broom
  - French Cytisus monspessulanus
  - Scotch Cytisus scoparius
  - Buckwheat, California**
  - Eriogonum fasciculatum
  - Cascara**
  - Phorbus aquifolium
  - Catsclaw**
  - Acacia greggii
  - Ceanothus**
  - Ceanothus spp.
  - Chilean
  - Adenostoma fasciculatum
  - Cherry
  - Bitter Plum emarginata
  - Black Plum sericea
  - Pinus pineaeviciana
  - Coyote brush
  - Baccharis pilularis
  - Creeper, Virginia**
  - Parthenocissus quinquefolia
  - Dewberry
  - Rubus inaequalis
  - Dogwood**
  - Cornus spp.
  - Elderberry
  - Sambucus spp.
  - Elm**
  - Ulmus spp.
  - Eucryphiis
  - Eucalyptus spp.
  - Gorse
  - Ulex europaeus
  - Hazardita**
  - Hibiscus aquamimus
  - Hawthorn
  - Crataegus spp.
  - Hazel
  - Corylus spp.
  - Hickory**
  - Carya spp.
  - Holly (Florida), Brazilian Pepper tree**
  - Schinus terebinthifolius
  - Honeysuckle
  - Lonicera spp.
  - Horsemanship, American**
  - Carpinus caroliniana
  - Kudzu
  - Passiflora labata
  - Locust, black**
  - Robinia pseudocacca

<table>
<thead>
<tr>
<th>Plant Name</th>
<th>Scientific Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Madrone</td>
<td>Arbutus menziesii</td>
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<tr>
<td>Manzanita</td>
<td>Arctostaphylos spp.</td>
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<tr>
<td>Maple</td>
<td>Acer spp.</td>
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<tr>
<td>Redbud</td>
<td>Acer rubrum</td>
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<tr>
<td>Sugar Maple</td>
<td>Acer saccharinum</td>
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<tr>
<td>Vine</td>
<td>Acer chalamylon</td>
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<tr>
<td>Monkey flower</td>
<td>Mimulus guttatus</td>
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<tr>
<td>Oak</td>
<td>Quercus spp.</td>
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<tr>
<td>Black Oak</td>
<td>Quercus velutina</td>
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<tr>
<td>Northern Pine</td>
<td>Quercus palustris</td>
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<tr>
<td>Post Oak</td>
<td>Quercus stellata</td>
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<tr>
<td>Red Oak</td>
<td>Quercus rubra</td>
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<tr>
<td>Southern Red Oak</td>
<td>Quercus falcata</td>
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<td>Persimmon</td>
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<td>Poison Oak</td>
<td>Rhus toxicodendron</td>
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<td>Poplar, yellow*</td>
<td>Poplar spp.</td>
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<td>Redbud, Eastern</td>
<td>Cercis canadensis</td>
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<td>Rose</td>
<td>Rosa multiflora</td>
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<td>Russian olive**</td>
<td>Elaeagnus angustifolia</td>
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<td>Salvia spp.</td>
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<td>Artemisia californica</td>
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<td>Rubus spectabilis</td>
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<td>Soursop</td>
<td>Oxidendrum arboreum</td>
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<tr>
<td>Sumac</td>
<td>Toxicodendron *</td>
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<tr>
<td>Poison Ivy</td>
<td>Rhus vernix</td>
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<tr>
<td>Smooth</td>
<td>Rhus glabra</td>
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<tr>
<td>Winged*</td>
<td>Rhus copalina</td>
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<tr>
<td>Sweetgum</td>
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<tr>
<td>Swordfern*</td>
<td>Polysthena muntem</td>
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<td>Sapindus saponaria</td>
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<tr>
<td>Sapin</td>
<td>Oxydendrum arboreum</td>
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<td>Tan oak</td>
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<td>Thimbleberry</td>
<td>Rubus parvifolius</td>
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<tr>
<td>Tobacco Tree*</td>
<td>Nicotiana glauca</td>
</tr>
<tr>
<td>Trumpet creeper</td>
<td>Campsis radicans</td>
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<tr>
<td>Waxy yew, southern*</td>
<td>Myrica cerifera</td>
</tr>
<tr>
<td>Willow</td>
<td>Salix spp.</td>
</tr>
</tbody>
</table>

* Partial Control
** See the following section for control or partial control instructions.
** This product is not registered in CA for use on Russian olive.

Note: If brush has been mowed or tilled or trees have been cut, do not treat until regrowth has reached the recommended stages of growth. Apply this product when plants are actively growing and, unless otherwise directed, after the higher rate of growth. Use a lower rate for larger plants and less 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. Repeat treatments may be necessary to control plants regenerating from underground parts or seeds. Some autumn colors on undesirable deciduous species are acceptable provided no major leaf drop has occurred. Reduced performance may result if Fall treatments are made after a frost.

See “DIRECTIONS FOR USE” 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 to 1.5% solution with hand-held equipment.

**Aspen (Quaking), Blackberry (Bitter Black Pin), Hawthorn, Oak (Southern red), Sweet gum, Trumpet creeper** — 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.

**Bleach, 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 as a 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 Summer or Fall. After berries have set or dropped in late fall, Blackberries can be controlled by applying a 0.75% solution of this product plus 0.5 to 1% nonionic 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 (Fresh Scotch)** — For control, apply a 1 to 2% solution with hand-held equipment.

**Buckwheat (California), Hasardia, Monkey flower, Tobacco (Tree)** — For partial 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 partial 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.

**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.

**Maflower 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 60% 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. Fail 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. Thorough application is necessary for best results.

**Sage (Chinook), Sagebrush (California), Chamise, Tallowtree (Chinise)** — 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.

**NONCROP USES**
See “USE INFORMATION” and “MIXING, ADDITIVES AND APPLICATION INSTRUCTIONS” sections of this label for essential product performance information and the following “NONCROP” sections for specific uses.

**EXTREME CARE MUST BE EXERCISED TO AVOID CONTACT OF SPRAY MATERIAL WITH GREEN STEMS, EXPOSED NON-WOOD FRUIT OF CROPS, DESIRABLE TURFGRASSES, TREES, SHRUBS 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. This product does not provide residual weed control. For subsequent weed control, follow a labeled-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 “NONCROP USES” under conditions described, this product controls annual and perennial weeds listed on this label growing in areas such as airports, ditches, dry ditches, dry canals, fencerows, golf courses, highways, industrial plant sites, lumberyards, parking areas, parks, recreation/tank farms and pumping installations, pipelines, power and telephone rights-of-way, railroads, roadsides, schooils, storage areas, utility substation. 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.

This product may be applied with recirculating sprayers, shielded applicators or wiper applicators in any noncrop site specified on this label. The “Selective Equipment” part of the “APPLICATION EQUIPMENT AND TECHNIQUES” section 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
Use on industrial sites including airports, industrial plants, lumberyards, petrochemical tank farms, pumping stations, pipelines, railroads, roadsides, storage areas 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, Loblolly pine, Red pine, Slash pine and Virginia pine. When applied as directed for “NONCROP USES” under the conditions described, this product plus Oust provides control of annual weeds listed in the “WEEDS CONTROLLED” section of this label for this product and Oust, and control or 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 specified rates in 5 to 15 gallons of spray solution per acre.

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

For control of annual weeds, use the lower rates of these products. For control on the listed perennial weeds, use the higher rates of both products. For partial control, use the lower rates.

**Baflograss**
**Bermudagrass**
**Bermudagrass**
**Cynodon dactylon**
**Broomseed**
**Andropogon virginicus**
**Dock, curly**
**Rumex crispus**
**Dogfennel**
**Eupatorium capillifolium**
**Fescue, tall**
**Festuca arundinacea**

*Suppression at higher rates only.*

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

**Tank Mixtures for Noncrop Sites**
This product may be tankmixed with the products listed, provided the product tankmixed is registered for use on the listed site.

When applied as a tank mixture, this product provides control of the emerged annual weeds and partial control of the emerged perennial weeds listed in this label. When applied as a tank mixture, the following residual herbicides will provide preemergence control of the weeds listed on the individual product labels.

**This product...**
**plus Diuron**
**plus Krovair**
**plus Krovair II**
**plus Ronstar**
**50WP**
**plus Simazine**

When tankmixing with residual herbicides, add an agriculturally-approved nonionic surfactant at 0.5 to 1% by volume of spray solution. See the “MIXING, ADITIVES AND APPLICATION INSTRUCTIONS” section of this label before preparing these tank mixtures. Read and carefully observe the label claims, cautionary statements, specified use rates, and all other information on the labels of all products used in these tank mixtures. Use according to the most restrictive label directions for each product in the mixture.

**Control of Emerged Weeds**
Annual weeds — Apply 1 quart of this product per acre in these tank mixtures when weeds are less than 6 inches tall and 1.5 quarts per acre when weeds are more than 6 inches tall.

**Perennial weeds** — For partial control of perennial weeds using tank mixtures, apply 2 to 5 quarts of this product per acre. Follow the directions in the “WEEDS CONTROLLED” section of this label for stage of growth and rate of application for specific perennial weeds.
Preemergence Weed Control

For preemergence weed control, refer to the individual product labels for specific noncrop sites, rates, carrier volumes and precautionary statements. Mix only the quantity of spray solution that can be used during the same day. Do not allow these tank mixes to stand overnight as this may result in reduced weed control.

Apply these tank mixtures through conventional broadcast equipment only.

FARMSTEAD WEED CONTROL

When applied as directed for "NONCROP USES", under conditions described, this product controls undesirable vegetation listed on this label around farmstead building foundations, along and in fences, shelterbelts and for general nonse
tive farmstead weed control.

For specific rates of application and instructions for control of various annual and perennial weeds, see the "WEEDS CONTROLLED" section of this label.

Farm Ditches

This product will suppress perennial grasses along farm ditches. Apply this prod
cut at a rate of 6 to 8 fluid ounces per acre. Use 8 fluid ounces per acre when treating Tall (coarse) fescue, Fine fescue, Orchardgrass or Quackgrass covers. For best suppression of these species, add ammonium sulfate at a rate of 1.7 pounds per 10 gallons of spray solution. Use 6 fluid ounces per acre without ammonium sulfate when treating Kentucky bluegrass.

Apply treatments in 10 to 20 gallons of spray solution per acre to actively growing perennial grasses.

For best spray distribution and coverage, use flat fan nozzles.

Add nonionic surfactant at a rate of 0.5% of the spray control.

Where broadleaf weed control or suppression is desired, tankmix this product with the appropriate, labeled broadleaf weed herbicide.

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 undesir
able 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 vaporizer 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 applica
tions are made when plants are not dormant.

HABITAT MANAGEMENT

This product can be used for the restoration and/or maintenance of native habitat and in wildlife management areas. Apply as directed in the "NONCROP USES" section of this label.

Habitat Restoration and Maintenance

When applied as directed, exotic and non-desirable vegetation may be con
trolled in habitat management areas. Applications can be made to allow recov
er of native plant species, prior to planting desirable native species, and for similar broadcast vegetation control requirements in habitat management areas. Treatments can be made selectively to remove unwanted plants for habitat maintenance and enhancement. For spot treatments, care should be ex
cercised 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 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 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 "NONCROP USES", this product controls undesirable vegetation listed on this label prior to planting, within 100 feet of greenhouses and shade-houses, and as a postdirected 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 repeated applications are necessary, do not exceed 10.6 quarts of this prod
cut per acre per year.

Site Preparation

Following preplant applications of this product, any ornamental or Christmas trees species planted at a rate sensitive to the spray solution.

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.

Postdirected Spray

Use as a postdirected spray around established woody ornamental species or 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.

SILVICULTURAL SITES AND RIGHTS-OF-WAY

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

When applied as directed for "NONCROP USES" under conditions described, this product controls undesirable vegetation listed on this label. This product also suppresses or controls undesirable vegetation listed on this label when applied at specified rates for release of established Coniferous species listed on this label.

For specific rates of application and instructions for control of various brush, 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 this label.

Where repeated 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 rights-of-way treatments. See the "APPLICATION EQUIPMENT AND TECHNIQUES" part of the "MOXING, 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 RIGHTS-OF-WAY SITES IN THE STATE OF CA.

To reduce the aerial application drift hazard to aquatic sites, to non-targeted 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 MicroflexTM boom, a Thru-ValveTM boom (TVB-45) or equivalent drift control systems, should maintain at least a 25-foot buffer zone.
- When using other aerial equipment:
  1. Maintain at least a 75-foot buffer zone for applications using 2 quarts or less per acre of this product.
  2. Maintain at least a 125-foot buffer zone for applications using more than 2 quarts per acre of this product.
  3. Maintain at least a 400-foot buffer zone for applications on rights-of-way 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 dom
estnic purposes or angling.

Site Preparation

Following preplant applications of this product, any silvicultural species may be planted.

Postdirected Spray

In established silvicultural sites, use a spray on the foliage of undesirable veget
ation. 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 or until viable 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 when applications are made during periods of active Conifer growth. DO NOT USE ADDITIONAL SURFACEACTANT WITH CONIFER RELEASE APPLICATIONS.

Applications must be made after formation of final conifer resting buds in the Fall or prior to initial bud swelling in Spring. Some autumn colors on undesirable deciduous species are acceptable provided no major leaf drop has occurred. Use the following rates for Conifer release to control or partially control the weeds listed in the "WEEDS CONTROLLED" section of this label.
For release of the following Conifer species:

<table>
<thead>
<tr>
<th>Species</th>
<th>Pinus spp.</th>
<th>Pseudotsuga menziesii</th>
<th>Picea spp.</th>
<th>Thuja spp.</th>
</tr>
</thead>
</table>

* Includes all species except (d) eastern white pine, lodgepole 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 buds 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.

For release of the following Conifer species:

<table>
<thead>
<tr>
<th>Species</th>
<th>Pinus banksiana</th>
<th>Pinus monticola</th>
<th>Pinus contorta var. latifolia</th>
<th>Pinus strobus</th>
</tr>
</thead>
</table>

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 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 Lodgepole pine, Eastern white pine and Slash pine by reducing competition from the following species:

<table>
<thead>
<tr>
<th>Ash</th>
<th>Persimmon</th>
<th>Persimmon</th>
<th>Persimmon</th>
<th>Persimmon</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fruenax spp.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cherry:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Black:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Prunus serotina</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pila:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Prunus persicaeflava</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Elm</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ulmus spp.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hawthorn:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Crataegus spp.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Locust, black</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Robinia pseudoacacia</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maple, red</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acer rubrum</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oak:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Black:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Quercus alba</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Post:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Quercus stella</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Southern red</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Quercus falcata</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>White:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Quercus alba</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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 Lobolly 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 to 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 Lobolly pines.

**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 specified 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 flowering 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 grasses.

<table>
<thead>
<tr>
<th>Bahiagrass</th>
<th>Johnsongrass*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paspalum notatum</td>
<td>Sorghum halepense</td>
</tr>
<tr>
<td>Bromegrass</td>
<td>Poa*</td>
</tr>
<tr>
<td>Andropogon virginicus</td>
<td>Dactyloctenium</td>
</tr>
<tr>
<td>Dock, curly</td>
<td>Trumpet creeper**</td>
</tr>
<tr>
<td>Rumex crispus</td>
<td>Campsis radicans</td>
</tr>
<tr>
<td>Dogfennel</td>
<td>Vigna esculenta</td>
</tr>
<tr>
<td>Eupatorium capillifolium</td>
<td>Passalum unifoli</td>
</tr>
<tr>
<td>Fescue, tall</td>
<td>Vavav, blue</td>
</tr>
<tr>
<td>Festuca arundinacea</td>
<td>Verbena hastata</td>
</tr>
</tbody>
</table>

* Controls the target species.
** Supersedes other 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 is likely. Prior to making applications, the use of this product must determine 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 roots with this product. Apply this product using suitable equipment to ensure coverage of the entire cambium. Cut vegetation close to the soil surface. Apply up to 100% solution of this product to the freshly cut surface immediately after cutting. Delays in application may result in reduced performance. For best results, application should be made during periods of active growth and full leaf 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:

<table>
<thead>
<tr>
<th>Alder</th>
<th>Saltcedar</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alnus spp.</td>
<td>Tamox spp.</td>
</tr>
<tr>
<td>Eucalyptus</td>
<td>Sweetgum</td>
</tr>
<tr>
<td>Eucalyptus spp.</td>
<td>Liquidambar styraciflua</td>
</tr>
<tr>
<td>Madrone</td>
<td>Tan oak</td>
</tr>
<tr>
<td>Arbutus menziesii</td>
<td>Lithocarpus densiflorus</td>
</tr>
<tr>
<td>Oak</td>
<td>Willow</td>
</tr>
<tr>
<td>Quercus spp.</td>
<td>Salix spp.</td>
</tr>
<tr>
<td>Reed, Giant</td>
<td>Acacia coxii</td>
</tr>
</tbody>
</table>

**INJECTION AND FRILL APPLICATIONS**

Woody vegetation may be controlled by injection or frill application of this product. Apply this product using suitable equipment that will penetrate into living tissue. Apply the equivalent of 1 milliliter of this product per 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 frills or cutting. In species such as this, make frill or cut at an oblique angle so as to reduce the 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:

<table>
<thead>
<tr>
<th>Oak</th>
<th>Populus spp.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quercus spp.</td>
<td>Populus spp.</td>
</tr>
<tr>
<td>Sweetgum</td>
<td>Liquidambar styraciflua</td>
</tr>
<tr>
<td>Raywood</td>
<td>Pterostyrax occidentalis</td>
</tr>
</tbody>
</table>

This treatment WILL SUPPRESS the following woody species:

<table>
<thead>
<tr>
<th>Black gum</th>
<th>Nysa sylvatica</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dogwood</td>
<td>Compsa spp.</td>
</tr>
<tr>
<td>Hickory</td>
<td>Carya spp.</td>
</tr>
<tr>
<td>Maple</td>
<td>Aesculus</td>
</tr>
</tbody>
</table>

**TURFGRASSES AND GRASSES FOR SEED PRODUCTION**

**Preplant and Renovation**

When applied as directed for "NONCROP 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 growth from escaped underground plant parts occurs. Where post treatments are necessary, sufficient regrowth must be attained prior to application. For warm-season grasses, such as Bermuda grass, 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, coring 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 unimproved 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 TURFGRASSES management, apply this product after mowing that is 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 feed or graze treated areas within 8 weeks after application.

**Annual Weed Control In Dormant Bermudagrass and Bahiagrass Turf**

When applied as directed for "NONCROP 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 and Bahiagrass turf. Refer to the table "Weeds Controlled or Suppressed With This Product Alone" under the "RELEASE OF BERMUDAGRASS OR BAHIAGRASS" section of this label for specified 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 greening 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**

Note: 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 rights-of-way areas. When applied as directed for "NONCROP 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 tankmixed with Oust for residual control. Multiple 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 treat 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**

Rates specified for control or suppression of Winter annuals and Tall fescue are listed below:

Apply the specified rates of this product alone or as a tank mix to 10 to 15 gallons of water, plus 0.5 to 1% nonionic surfactant by total spray volume per acre. For 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>Weed Species</th>
<th>This Product (fl. oz. per acre)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Barley, little</td>
<td>Hordeum vulgare</td>
<td>S  C  C  C  C  C</td>
</tr>
<tr>
<td>Bedstraw, catchweed</td>
<td>Galium aparine</td>
<td>S  C  C  C  C  C</td>
</tr>
<tr>
<td>Bluegrass, annual</td>
<td>Poa annua</td>
<td>S  C  C  C  C  C</td>
</tr>
<tr>
<td>Charvill</td>
<td>Chelonegium latifolium</td>
<td>S  C  C  C  C  C</td>
</tr>
<tr>
<td>Chickweed, common</td>
<td>Retaria media</td>
<td>S  C  C  C  C  C</td>
</tr>
<tr>
<td>Clover, crimson</td>
<td>Trifolium incarnatum</td>
<td>•  S  S  C  C  C</td>
</tr>
<tr>
<td>Clover, large longhorn</td>
<td>Trifolium campestre</td>
<td>•  S  S  C  C  C</td>
</tr>
<tr>
<td>Fescue, tall</td>
<td>Festuca arundinacea</td>
<td>•  •  •  •  S  S</td>
</tr>
<tr>
<td>Geranium, Carolina</td>
<td>Geranium carolinianum</td>
<td>•  S  S  C  C  C</td>
</tr>
<tr>
<td>Henbit</td>
<td>Lamium amplexica</td>
<td>•  S  C  C  C  C</td>
</tr>
<tr>
<td>Ryegrass, Italian</td>
<td>Lolium perenne</td>
<td>•  S  C  C  C  C</td>
</tr>
<tr>
<td>Spewdock, corn</td>
<td>Veronica arvensis</td>
<td>S  C  C  C  C  C</td>
</tr>
<tr>
<td>Vetch, common</td>
<td>Vicia sativa</td>
<td>•  •  S  C  C  C</td>
</tr>
</tbody>
</table>

Note: C = Control  S = Suppression

* These 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 25 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.

**Weeds Controlled or Suppressed with This Product Plus Oust**

<table>
<thead>
<tr>
<th>Weed Species</th>
<th>This Product (fl. oz. per acre)</th>
<th>Oust (oz. per acre)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Barley, little</td>
<td>Hordeum vulgare</td>
<td>S  C  C  C  C  C</td>
</tr>
<tr>
<td>Bedstraw, catchweed</td>
<td>Galium aparine</td>
<td>S  C  C  C  C  C</td>
</tr>
<tr>
<td>Bluegrass, annual</td>
<td>Poa annua</td>
<td>S  C  C  C  C  C</td>
</tr>
<tr>
<td>Charvill</td>
<td>Chelonegium latifolium</td>
<td>S  C  C  C  C  C</td>
</tr>
<tr>
<td>Chickweed, common</td>
<td>Retaria media</td>
<td>S  C  C  C  C  C</td>
</tr>
<tr>
<td>Clover, crimson</td>
<td>Trifolium incarnatum</td>
<td>S  S  S  S  C  C</td>
</tr>
<tr>
<td>Clover, large longhorn</td>
<td>Trifolium campestre</td>
<td>•  S  S  S  S  C  C</td>
</tr>
<tr>
<td>Fescue, tall</td>
<td>Festuca arundinacea</td>
<td>•  •  •  •  •  S  S</td>
</tr>
<tr>
<td>Geranium, Carolina</td>
<td>Geranium carolinianum</td>
<td>•  S  S  C  C  C</td>
</tr>
<tr>
<td>Henbit</td>
<td>Lamium amplexica</td>
<td>•  S  C  C  C  C</td>
</tr>
<tr>
<td>Ryegrass, Italian</td>
<td>Lolium perenne</td>
<td>•  S  S  C  C  C</td>
</tr>
<tr>
<td>Spewdock, corn</td>
<td>Veronica arvensis</td>
<td>S  C  C  C  C  C</td>
</tr>
<tr>
<td>Vetch, common</td>
<td>Vicia sativa</td>
<td>S  C  C  C  C  C</td>
</tr>
</tbody>
</table>

Note: C = Control  S = Suppression

* These rates apply only to sites where established competitive turf is present.

**COLD 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 rights-of-way or other industrial areas. 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 regreen 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 nonionic surfactant per 100 gallons of 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. Treatment made after seedhead emergence may cause injury to the desired grasses. Tank Mixtures

This product may be tankmixed with the products listed, provided the product tankmixed is registered for use on the listed site. 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, use 1 pound of active ingredient per acre of 2,4-D Amine may be added to the follow-
ting tank mixtures. Consult the label for 2,4-D Amine for weed controlled.
Tail Fescue
This product plus Talstar®: For suppression of tall fescue growth and seedheads and control or partial control of some annual weeds, apply this tank mixture after greening and prior to boot-to-seedhead stage of development. Use up to 0.5 ounce of Talstar per acre. This tank mixture can also be applied after mowing or removal of tail 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 of partial control of some annual weeds, apply this tank mixture after greening 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 Tail 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 seed-
heads and control of partial control of some annual weeds, apply this tank mix-
ture after greening 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 noncrop areas (roadsides, airports, 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 Bahia-
grass has been mowed to a uniform height of 3 to 4 inches. Application must be made prior to seedhead emergence. Apply 6 fluid ounces per acre of this product plus 0.5 to 1% of nonionic surfactant by total spray volume in 10 to 40 gal-
ions of water per acre. Sequential applications of this product plus 0.5 to 1% of nonionic 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 seed-
head suppression, sequential applications must be made prior to seedhead emergence. Apply no more than 2 sequential applications per year. As a first se-
quential application, apply 4 fluid ounces of this product per acre plus nonionic surfactant. A second sequential application of 2 to 4 fluid ounces per acre plus nonionic surfactant may be applied approximately 45 days after the last applica-
tion. 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% nonionic sur-
factant 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 de-
scribed, this product controls annual and perennial weeds listed on this label, prior to the emergence of direct-seeded crops or prior to transplanting of crops listed on this label. See "USE INFORMATION" and "MIXING, ADDITIVES AND APPLICATION IN-
STRUCTIONS" of this label for essential product performance information.
See the following “CROPPING SYSTEMS” sections for specific uses. EX-
TREME 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 un-
derground 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 follow-
ing application.
Do not apply to seed treated vegetation for 8 weeks following application. Fol-
lowing spot treatment or selective application use, allow 14 days before grazing domestic livestock or harvest 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 0.2 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 Silage 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 “PAS-
TURES” section of “CROPPING SYSTEMS” in this label.
For dilution and rates of application using boom or handgun 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

<table>
<thead>
<tr>
<th>Row Crops</th>
<th>Corn (all)*</th>
<th>Peanuts</th>
<th>Sorghum (milo)*</th>
<th>Soybeans*</th>
<th>Sugarcane*</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Cereal Grains</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Barley*</td>
<td>Oats*</td>
<td>Rice*</td>
<td>Triticale*</td>
<td>Wheat (all)*</td>
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<tr>
<td></td>
<td>Blackhead*</td>
<td></td>
<td>Rice*</td>
<td></td>
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<td></td>
<td>Millet (pearl, pros)*</td>
<td>Lemon</td>
<td>Sorghum (milo)*</td>
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<tr>
<td></td>
<td>Citrus</td>
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<tr>
<td></td>
<td>Almond</td>
<td>Citrus</td>
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<td></td>
<td>Beechnut</td>
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<td></td>
<td>Brazil nut</td>
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<td>Butternut</td>
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<td>Cashew</td>
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<td>Tree Nuts</td>
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<td>Almond</td>
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<td>Apple</td>
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<td>Apricot</td>
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<td></td>
<td>Cherry (sweet, sour)</td>
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<td>Loquat</td>
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<td>Currant</td>
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<td>Figs</td>
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<td>Guava</td>
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<td>Jatropha</td>
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<td>Passion fruit</td>
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<td>Persimmons</td>
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<td>Pineapple</td>
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<td>Pomegranate</td>
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<td>Sapodilla</td>
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<td>Sespe</td>
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<td>Tamarind</td>
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<td>Acalypha*</td>
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<td>Guava</td>
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<td>Pomegranate</td>
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<td>Sugarcane</td>
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<td>Tamarind</td>
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<td></td>
<td>Tea</td>
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</table>

IMITATOR PLUS Page 12 of 26
OTHER CROPS, DO NOT TREAT MORE THAN 10% OF THE TOTAL FIELD AREA TO BE HARVESTED.

THE CROP RECEIVING SPRAY IN TREATED AREA WILL BE KILLED. TAKE CARE TO AVOID DRIFT OF SPRAY OUTSIDE TARGET AREA FOR THE SAME REASON.

**Selective equipment** — This product may be applied through recirculating sprayers, shielded applicator or wiper applicator in Cotton and Soybeans. Shielded and wiper applicators may also be used in Tree crops and Grapes. Wiper applicators may be used in Rutabagas, forage grasses and forage legumes, including pastures and cover crops. See the "SELECTIVE EQUIPMENT" part of the "APPLICATION EQUIPMENT AND TECHNIQUES" section of the 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, Almond, Avocado, Bitternut, Canistel, Carob, Cherry, Citrus, Dates, Grapes, Jujube, Jujube, Longan, Lychee, Passion fruit, Pear, Persimmon, Rutabagas, Sepiolita, Sapota, Sourpuss, Sycamore, 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 on malted or unripe cotton. Do not feed to swine. Do not use in seedlots.

**ASPARAGUS**

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 pasture grasses 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.

**Postharvest** — Apply this product after the last harvest and all spears have been removed. If spears are allowed to regrow, delay application until farns have developed. Delayed broadcast application may be directed through a spray boom or in a dribble application to avoid contact of the spray with stems, stems or spears. Direct contact of the spray with the Asparagus may result in serious crop injury. See "USE INFORMATION" and "MIXING, ADDITIVES AND APPLICATION INSTRUCTIONS" sections of this label for essential product performance information.

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

**BERRIES AND SMALL FRUITS**

For Cranberries, apply after fruit set and no later than 30 days before harvest. For other Berries, apply as a preplant broadcast application or as a directed spray by wiper applicator, postplanting. See "USE 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 use and calibration of this equipment.

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

For wiper 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 treatment in the opposite direction may be beneficial. Do not permit herbicide solution to contact desirable vegetation, including green shoots, canes or foliage.

**FALLOW AND REDUCED-TILLAGE SYSTEMS**

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 equipment. See the "APPLICATION EQUIPMENT AND TECHNIQUES" section of this label for instructions. The product mixtures of this Product:

- plus Banvel plus nonionic surfactant
- plus 2,4-D plus nonionic surfactant
- plus Goal plus nonionic surfactant

DO NOT APPLY BANVEL OR 2,4-D TANK MIXTURES BY AIR IN CA. This product may be tankmixed with the products listed, provided the product tankmixed is registered for use on the listed site. Applications of 2,4-D or Banvel must be made at least 7 days prior to planting Crop. The addition of 2,4-D to 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 instructions and other use instructions.

**This Product plus Goal Tank Mixtures**

This product alone or in tank mixtures with Goal plus 0.5 to 1% nonionic 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.

**This Product — 12 fl. ozs. per acre**

<table>
<thead>
<tr>
<th>Crop</th>
<th>Treated</th>
<th>6 inches</th>
<th>12 inches</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheat</td>
<td>10 miles</td>
<td>6 inches</td>
<td>6 inches</td>
</tr>
<tr>
<td>Ryegrass, Bluegrass (Annual)</td>
<td>10 miles</td>
<td>6 inches</td>
<td>6 inches</td>
</tr>
<tr>
<td>This Product — 16 fl. ozs. per acre</td>
<td>Annual Grasses (above) plus:</td>
<td>12 inches</td>
<td></td>
</tr>
<tr>
<td>Chickweed, Groundsel, Mustard,</td>
<td>10 miles</td>
<td>6 inches</td>
<td>6 inches</td>
</tr>
<tr>
<td>Dock (Li), Shepherdspurge</td>
<td>10 miles</td>
<td>6 inches</td>
<td>6 inches</td>
</tr>
<tr>
<td>Crabgrass, Johnsongrass (Seeding),</td>
<td>10 miles</td>
<td>6 inches</td>
<td>6 inches</td>
</tr>
<tr>
<td>Lantana, Oats, Wildrye, Pigweed (Redroot),</td>
<td>10 miles</td>
<td>6 inches</td>
<td>6 inches</td>
</tr>
<tr>
<td>Mustard</td>
<td>10 miles</td>
<td>6 inches</td>
<td>6 inches</td>
</tr>
<tr>
<td>Note: Use 32 ft. ozs. of this product per acre where heavy weed densities exist.</td>
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<tr>
<td>* Maximum height or length in inches.</td>
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</tr>
<tr>
<td>This Product — 12 fl. ozs. per acre + Goal™ — 2 to 4 ft. ozs. per acre</td>
<td>Annual Grasses (above) plus:</td>
<td>12 inches</td>
<td></td>
</tr>
<tr>
<td>Chives (Chives), Chestnut, Groundsel</td>
<td>10 miles</td>
<td>6 inches</td>
<td>6 inches</td>
</tr>
<tr>
<td>Dock (Li), Shepherdspurge</td>
<td>10 miles</td>
<td>6 inches</td>
<td>6 inches</td>
</tr>
<tr>
<td>This Product — 16 fl. ozs. per acre + Goal™ — 2 to 4 ft. ozs. per acre</td>
<td>Annual Weeds (above) plus:</td>
<td>12 inches</td>
<td></td>
</tr>
<tr>
<td>Chives (Chives), Groundsel</td>
<td>10 miles</td>
<td>6 inches</td>
<td>6 inches</td>
</tr>
<tr>
<td>Dock (Li), Shepherdspurge</td>
<td>10 miles</td>
<td>6 inches</td>
<td>6 inches</td>
</tr>
<tr>
<td>Note: Use 32 ft. ozs. of this product per acre in mixtures with 2 to 4 ft. ozs. of Goal per acre where heavy weed densities exist.</td>
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<tr>
<td>* Use the higher rate of Goal when weeds approach maximum recommended height or stands are dense.</td>
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</tbody>
</table>

These 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 DIRECTIONS MADE IN THIS SECTION ARE NOT REGISTERED FOR USE IN CA.

The EcoFarmering System consists of the following rotation: Winter whea, Corn/Sorghum, Ecofallow.

Use the following tank mixtures for control of emerged annual weeds before planting Corn or Sorghum in the EcoFarmering System:

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

- plus 2,4-D at 3.75 to 0.5 pound active ingredient per acre
- plus Atrazine at 0.75 to 1 pound active ingredient per acre
- plus 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</th>
<th>Treated</th>
<th>6 inches</th>
<th>12 inches</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bromex, dewy</td>
<td>10 miles</td>
<td>6 inches</td>
<td>6 inches</td>
</tr>
<tr>
<td>Bromus erectus</td>
<td>10 miles</td>
<td>6 inches</td>
<td>6 inches</td>
</tr>
<tr>
<td>Cheat</td>
<td>10 miles</td>
<td>6 inches</td>
<td>6 inches</td>
</tr>
<tr>
<td>Bisnaga acerina</td>
<td>10 miles</td>
<td>6 inches</td>
<td>6 inches</td>
</tr>
<tr>
<td>Foxtail, green</td>
<td>10 miles</td>
<td>6 inches</td>
<td>6 inches</td>
</tr>
<tr>
<td>Scleria viridis</td>
<td>10 miles</td>
<td>6 inches</td>
<td>6 inches</td>
</tr>
<tr>
<td>Scleria koechii</td>
<td>10 miles</td>
<td>6 inches</td>
<td>6 inches</td>
</tr>
<tr>
<td>Kochia</td>
<td>10 miles</td>
<td>6 inches</td>
<td>6 inches</td>
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</tbody>
</table>

For improved control of Kochia, add 4 ft. 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 preemergence 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.

**Aid to Tillage** — This product, when used in conjunction with preplant tillage practices, will provide control of Downy brome, Chea, Foxtail, Tansy mustard and Volunteer wheat. Apply 9 fluid ounces of this product plus 0.5 to 1% nonionic surfactant by total spray volume in 3 to 10 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 tillage. Tank mixtures with residual herbicides may result in reduced performance.

**PASTURES**

Apply this product prior to planting forage grasses and legumes.

**Pasture or Hay crop renovation** — When applied as a broadcast spray, this product controls the annual and perennial weeds listed in this label prior to planting forage grasses or legumes. Remove domestic livestock before application and wait 8 weeks after application before grazing or harvesting.

**Spot Treatment** — When applied as a spot treatment, this product controls annual and perennial weeds listed in this label which are growing in pastures, for-
age grasses and forage legumes composed of Alfalfa, Bahiagrass, Bermuda-grass, Bluegrass, Bromo, Clover, Fescue, Orchardgrass, Ryegrass, Timothy and Wheatgrass.

Wiper application — When applied as directed, this product controls or suppresses the weeds listed under "Wiper Applicators" in the "SELECTIVE EQUIP-
MENT" section of this label. For spot treatment and wiper application, apply in areas where the movement of domestic livestock can be controlled. No more than one-tenth of any acre should be treated at one time. Further applications may be made in the same area at 30-day intervals. Remove domestic livestock before application and wait 14 days after application before grazing livestock or harvesting.

SUGARCANE
When applied as directed for "CROPING SYSTEMS," under the conditions de-
scribed, this product controls those emerged annual and perennial weeds listed on this label growing in or around Sugarcane or in fields to be planted to Sug-
arcane. This product will also control undesired Sugarcane.

Note: Where repeat treatments are necessary, do not exceed a total of 1.0 lb of this product per acre per year. Do not apply to vegetation in or around ditches, canals or ponds containing water to be used for irrigation.

Broadcast application — Apply this product in 10 to 40 gallons of water per acre on emerged weeds growing in fields to be planted to Sugarcane.

For specific rates of application and instructions for control of various annual and perennial weeds, see the "WEEDS CONTROLLED" section of this label. 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 to new growth having at least 7 or more new leaves. Allow 7 or more days after application before tillage.

Spot treatment in or around Sugarcane fields — For dilution and rates of ap-
pllication using handheld equipment see "MIXING, ADDITIVES AND APPLICA-
TION INSTRUCTIONS" and "WEEDS CONTROLLED" sections of this label. For control of volunteer or diseased Sugarcane, make a 1% solution of this product in water and spray to wet the foliage of vegetation to be controlled.

Note: When spraying volunteer or diseased Sugarcane, the plants should have at least 7 new leaves. Avoid spray contact with healthy cane plants since severe damage or death may result. Do not feed or graze treated Sugarcane forage following application.

CONSERVATION TILLAGE, MINIMUM-TILLAGE AND NO-TILL SYSTEMS
CORN AND SOYBEANS
TANK MIXTURES
This product may be tankmixed with the products listed provided the product tankmixed is registered for use on the listed site.

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

When applied under the conditions described, these tank mixtures listed in this section control many emerged weeds and give preemergence control of many annual weeds where Corn or Soybeans will be planted directly into a cover crop, established sod or in previous crop residues.

Refer to specific product label for crop rotation restrictions and cautionary state-
ment of all products used in these tank mixtures. For mixing instructions, see the "MIXING, ADDITIVES AND APPLICATION INSTRUCTIONS" section of this label. Apply these tank mixtures in 10 to 20 gallons of water to 10 to 60 gallons of nitrogen solution per acre before, during or after planting. Do not apply these mix-
tures after crop emergence.

When tankmixing with residual herbicides, add an agriculturally approved non-
ionic surfactant 0.5 to 1.0% by volume of spray solution. The addition of 1 to 2% dry ammonium sulfate by weight may increase the performance of this product.

Note: When using these tank mixtures, do not exceed 4 quarts of this product per acre.

Corn
For residual control, this product may be tankmixed with the following herbicides or combination of herbicides:

- Atrazine
- Bispy
- Butyl
- Cyaseine
- For Improved burndown, this product may be tankmixed with 2,4-D or dicamba.

Applications of 2,4-D or dicamba must be made at least 7 days prior to planting Corn. See "WEEDS CONTROLLED" section for specific rate information.

Soybeans
For residual control, this product may be tankmixed with the following herbicides or combination of herbicides:

- Casey
- Command
- Dual
- Gen
- Lasso/Alachlor
- Lexon
- For Improved burndown, this product may be tankmixed with 2,4-D and 2,4-D; see the label for 2,4-D for intervals between application and planting.

CORN AND SOYBEANS
Annual weeds — For difficult-to-control weeds such as Barnyardgrass, broadleaf Sida, Crabgrass, Foxtail, Fall panicum and Shaltercane up to 2 inches tall, and Pennsylvanian smutknot up to 6 inches tall, apply this product at 2 pounds per acre. In these tank mixtures. For other labeled annual weeds, apply 1 to 1.5 pounds of this product per acre when weeds are less than 6 inches tall, and 2 to 3 pounds when weeds are over 6 inches tall. For a complete list of annual weeds controlled, see the "WEEDS CONTROLLED" section of this label.

Perennial weeds — At normal application times in minimum-tillage systems, perennial weeds may not be at the proper stage of growth for control. See the "WEEDS CONTROLLED" section of this label for the proper stage of growth for perennial weeds.

Use of 2 to 4 quarts of this product per acre in the tank mixtures mentioned above, under these conditions, provides top-kill and reduces competition from many emerged perennial grasses and broadleaf weeds. For emerged perennial weeds controlled, see the "WEEDS CONTROLLED" section of this label.

To obtain the desired stage of growth, it may be necessary to apply this product in the late Summer or Fall and then follow with a label-approved seeding weed-control program at planting.

USE OF THESE TANK MIXTURES FOR BERMUDAGRASS OR JOHN-
SONSGRASS CONTROL IN MINIMUM-TILLAGE SYSTEMS IS NOT RECOMMENDED. For Bermudagrass control, follow the instructions under the "PERENNIAL WEEDS" section of this label and then use a label-approved, seeding weed-control program in a minimum-tillage or conventional tillage sys-

tem. For Johnsonsgrass control, follow instructions under the "PERENNIAL WEEDS" section of this label, and then use a label approved seeding weed-control program with conventional tillage.

PREHARVEST APPLICATIONS
When applied as directed under the conditions described, this product controls annual and perennial weeds listed on this label prior to the harvest of Cotton and Soybeans.

Soybeans
Apply after all pods have set and lost all green color. Allow a minimum of 7 days between application and harvest of Soybeans. Care should be taken to avoid ex-
cessive seed shatter loss due to ground application equipment.

Do not graze or harvest treated crop for livestock feed within 25 days of last pre-
harvest application.

DO NOT APPLY MORE THAN 6 QUARTS PER ACRE OF THIS PRODUCT FOR PREHARVEST APPLICATIONS.

DO NOT APPLY MORE THAN 1 QUART OF THIS PRODUCT BY AIR.

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

This product may be applied by both ground and aerial application equipment. See the "APPLICATION EQUIPMENT AND TECHNIQUES" section of this label for ground and aerial application instructions.

The USE OF THIS PRODUCT FOR PREHARVEST SOYBEANS IS NOT REG-
ISTERED IN CA.

Cotton
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 fol-
lowing 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% nonionic surfactant by total spray volume in 10 to 20 gallons of water per acre. Ensure complete cover.

For partial control of Field bindweed, apply 1 quart of this product plus 0.5 to 1% nonionic surfactant by total spray volume up to 20 gallons per acre. Apply when Bindweed is actively growing and 12 inches or greater in length.

For complete control of bindweed, see the "APPLICATIONS" section of this label.

Tank mixtures — This product may be tankmixed with the products listed, pro-
vided the product tankmixed is registered for use on the listed site. When applied under the conditions described, these tank mixtures control annual and peren-
niel weeds listed on this label prior to the harvest of Cotton.

This product:

- plus DEF® 6
- plus Flexor®
- plus Paraquat®
- plus Pre Plus DEF® 6 or Foxy

For field applications, precautions and use rates, refer to DEF, Foxy and Pre Plus labels.

This product, when tankmixed with DEF® 6 or Foxy defoliants, may provide en-
hancement of Cotton leaf drop and regrowth inhibition.

Timing of application — Apply this product or these tank mixtures for prehar-
vest 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 for fol-
lowing preharvest application.

TREE AND VINE CROPS
This product can be used 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 with wiper applicator equip-
ment, except as directed in this section. See the "APPLICATION EQUIP-

IMITATOR PLUS Page 14 of 26
MENT 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 the 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 provide residual weed control. For subsequent weed control, use repeated applications of this product. Do not apply more than 16.6 quarts of this product per acre per year.

EXTREME CARE MUST BE EXER CISED TO AVOID CONTACT OF HERBICIDE SOLUTION, SPRAY, DRIFT OR MIST WITH FOLIAGE OR GREEN BARK OF TRUNK BRANCHES, SUCKERS, FRUIT OR OTHER PARTS OF TREES OR VINES. CONTACT OF THIS PRODUCT WITH OTHER THAN MATURE BROWN BARK CAN RESULT IN SERIOUS CROP DAMAGE. AVOID PAINTING CUT STUMPS WITH THIS PRODUCT AS INJURY RESULTING FROM ROOT GRAPPLING MAY OCCUR IN ADJACENT TREES. Reduced control may result when application is made to annual or perennial weeds that have been mowed, grazed or cut and have not been allowed to regrow to the recommended stage for treatment. For specific rates of applications and instructions, see the "WEEDS CONTROLLED" section of this label and the specific recommendations that follow.

**MIDDLE MANAGEMENT**

For annual weeds in middles between rows of tree and vine crops. For Citrus crops, treat uniformly between trees.

**This Product Alone and This Product plus Goal**

This product alone or in mixtures with Goal will control or suppress the annual weeds listed below. Apply the specified rates of this product, either alone or in mixtures with Goal, plus 0.5 to 1% nonionic surfactant by total spray volume in 3 to 10 gallons of water per acre. Apply when weeds are actively growing and less than 6 inches in height or diameter. If weeds are under drought stress, irrigate prior to application. Reduced control may occur if weeds have been mowed prior to application. Up to 48 fluid ounces per acre of this product may be used to control weeds, which have been mowed, are stressed or are growing in dense populations.

<table>
<thead>
<tr>
<th>Weed Species</th>
<th>Maximum Height/Diameter (Inches)</th>
<th>Rate per Acre</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>This Product (fl. ozs.)</td>
<td>Goal (fl. ozs.)</td>
</tr>
<tr>
<td>Barley, foxtail</td>
<td>6</td>
<td>8</td>
</tr>
<tr>
<td>Hordeum vulgare</td>
<td>Bluegrass, annual</td>
<td>12</td>
</tr>
<tr>
<td>Poa annua</td>
<td>Barnyardgrass</td>
<td></td>
</tr>
<tr>
<td>Echinochloa crus-galli</td>
<td>Chickweed, common</td>
<td></td>
</tr>
<tr>
<td>Stellaria media</td>
<td>Red malds</td>
<td></td>
</tr>
<tr>
<td>Calendula ollote</td>
<td>Crabgrass</td>
<td>16</td>
</tr>
<tr>
<td>Digitaria spp.</td>
<td>Fleabane, hairy</td>
<td></td>
</tr>
<tr>
<td>Corallaria viscosa</td>
<td>Groundsel, common</td>
<td></td>
</tr>
<tr>
<td>Senecio vulgaris</td>
<td>Junglerose</td>
<td>16 to 32 + 4 to 10**</td>
</tr>
<tr>
<td>Echinochloa colona</td>
<td>Lambrequin, common</td>
<td></td>
</tr>
<tr>
<td>Chenopodium album</td>
<td>Pigweed, redroot</td>
<td>6</td>
</tr>
<tr>
<td>Amaranthus retroflexus</td>
<td>Rocket, London</td>
<td></td>
</tr>
<tr>
<td>Sisymbrium irio</td>
<td>Ryegrass, common</td>
<td>16 to 32 + 4 to 10**</td>
</tr>
<tr>
<td>Lolium multiflorum</td>
<td>Shepherds'pursely</td>
<td></td>
</tr>
<tr>
<td>Capsella bursa-pastoris</td>
<td>Sowthistle, annual</td>
<td></td>
</tr>
<tr>
<td>Sonchus asperatus</td>
<td>Chickweed, common</td>
<td>3</td>
</tr>
<tr>
<td>Malva spp.</td>
<td>Cheeseweed, common</td>
<td>8</td>
</tr>
<tr>
<td>Malva spp.</td>
<td>Flax mc*</td>
<td></td>
</tr>
<tr>
<td>Erodium spp.</td>
<td>Horseweed/Marestail</td>
<td></td>
</tr>
<tr>
<td>Corolla canadensis</td>
<td>Nettle, stinging</td>
<td></td>
</tr>
<tr>
<td>Umbra dioica</td>
<td>Purslane, common</td>
<td></td>
</tr>
<tr>
<td>Portulaca oleracea</td>
<td>* Suppression only</td>
<td></td>
</tr>
</tbody>
</table>

**Notes:**

- Strips: For annual and perennial weeds in strips of tree and vine crops.
- Tank mixtures with residual herbicides — This product may be tankmixed with the products listed, provided the product tankmixed is registered for use on the listed site. When applied as a tank mixture, this product provides control of the emerged annual weeds and control or suppression of emerged perennial weeds listed in this label. The following residual herbicides will provide pre-emergence control of those weeds listed in the individual product labels.

<table>
<thead>
<tr>
<th>This Product:</th>
<th>Plus Goal 1.6E</th>
<th>Plus Karex DF</th>
<th>Plus Krovar I</th>
<th>Plus Krovar II</th>
<th>Plus Simazine</th>
<th>Plus Simazine 4L</th>
<th>Plus Simazine 80W</th>
<th>Plus Solicam™ 80DF</th>
<th>Plus Surfam AS</th>
<th>Plus Surfam 75W</th>
<th>Plus Simazine (80W or 4L or 90) plus Surfam (AS or 75W)</th>
<th>Plus Goal (1.6E) plus Simazine (AS or 75W)</th>
<th>Plus Goal (1.6E) plus Surfam (AS or 75W)</th>
<th>Plus Goal (1.6E) plus Simazine (80W or 4L or 90) plus Surfam (AS or 75W)</th>
<th>Plus Goal (1.6E) plus Simazine (80W or 4L or 90) plus Surfam (AS or 75W)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>This Product plus Goal:</strong></td>
<td>Barley, wild</td>
<td>Hordeum leporinum</td>
<td>Bluegrass, annual</td>
<td>P. annua</td>
<td>Cheeseweed, common</td>
<td>Malva spp.</td>
<td>Chickweed, common</td>
<td>Stellaria media</td>
<td>Filaree</td>
<td>Erodium spp.</td>
<td>Fleabane, hairy</td>
<td>Corolla canadensis</td>
<td>Nettle, stinging</td>
<td>Utica dioica</td>
<td>Pineappleweed</td>
</tr>
</tbody>
</table>

**Notes:**

- Do not apply these tank mixtures in Puerto Rico.
- When tank mixing with residual herbicides, add an agriculturally approved nonionic surfactant at 0.5 to 1% by volume of spray solution.
- Read and carefully observe the label claims, cautionary statements, rates and all other information on the labels of all products.

**Application 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 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 directions 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/Surfam**

This product plus low rates of Goal in 3-way or 4-way mixtures with Simazine and/or Surfam will provide postemergence control of the weeds listed below. Refer to the individual Simazine and Surfam labels for preemergence rates, weed controlled, precautionary statements and other important information. Apply these tank mixtures in 3 to 40 gallons of water. Add 0.5 to 1% nonionic surfactant to 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 Surfam to control the following weeds:

<table>
<thead>
<tr>
<th>Weed Species</th>
<th>Rate per Acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>Barley, wild</td>
<td>16 to 32 + 4 to 10**</td>
</tr>
<tr>
<td>Hordeum leporinum</td>
<td></td>
</tr>
<tr>
<td>Bluegrass, annual</td>
<td></td>
</tr>
<tr>
<td>P. annua</td>
<td></td>
</tr>
<tr>
<td>Cheeseweed, common</td>
<td></td>
</tr>
<tr>
<td>Malva spp.</td>
<td></td>
</tr>
<tr>
<td>Chickweed, common</td>
<td></td>
</tr>
<tr>
<td>Stellaria media</td>
<td></td>
</tr>
</tbody>
</table>

**Note:** This recommendation does not preclude the use of Goal in these mixtures at higher, labeled rates for preemergence 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 8 fluid ounces of this product plus 0.5 to 1% nonionic surfactant by total spray volume in 10 to 25 gallons of water per acre. Sequential applications of this product plus nonionic surfactant may be made at approximately 45-day intervals to extend the period of suppression 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 nonionic surfactant. A second sequential application of 2 to 4 fluid ounces may be made approximately 45 days after the last application.

**Bermedagrass:** For burndown, apply 1 to 2 quarts of this product plus 0.5 to 1% nonionic surfactant by total spray volume in 3 to 20 gallons of water per acre. **IMPACTOR PLUS Page 15 of 26**
Use 1 quart of this product in 3 to 20 gallons of water per acre East of the Rockies Mountain. Use 1 to 2 parts per acre West of the Rocky Mountains. Use this treatment only if reduction of the Bermudagrass stand can be tolerated. When burndown is required prior to harvest, allow at least 21 days to ensure sufficient time for burndown to occur.

**Suppression only (West of the Rocky Mountains)** — Apply 16 fluid ounces of this product plus 0.5 to 1% nonionic surfactant and spray this product to a rate of 3 to 10 gallons of water per acre 3 to 10 gallons of water per acre no sooner than 1 to 2 weeks after full greenup. Mowing prior to application may occur provided a minimum height of 3 inches is maintained. Rates of 6 to 10 fluid ounces of this product plus nonionic surfactant should be used in shaded conditions or where a lesser degree of suppression is desired. Sequential applications may be made when re-growth occurs and Bermudagrass injury and stand reduction can be tolerated.

**Cool-season grass covers** — For suppression of Tall fescue, Fine fescue, Orchardgrass and Quackgrass, apply 2 fluid ounces of this product plus 0.5 to 1% nonionic surfactant to a rate of 3 to 10 gallons of water per acre. For best results, 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% nonionic surfactant. Do not add ammonium sulfate.

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

**Low Volume Application (FL and TX)**

Buydbound or control of the weeds listed, apply the prescribed rates of this product plus 0.5 to 1% nonionic surfactant by total spray volume in 3 to 30 gal.

**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% nonionic 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 6 inches tall and 3 quarts per acre when plants are greater than 8 inches. If Goatweed is greater than 8 inches tall, the addition of Kvaro II or Dicuron may improve control. Use labeled rates for these residual products.

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

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

**TREE CROPS**

**Fruits:**
- Citrus
- Apple
- Pear
- Olive
- Pecan
- Walnut
- Almond
- Hazelnut
- Chestnut
- Walnut
- Peach
- Plum
- Apricot

**Stone Fruits:**
- Cherry
- Raspberry
- Blueberry
- Gooseberry
- Loganberry
- Blackberry
- Red raspberry
- Boysenberry
- Loganberries
- Blackberries
- Blueberries
- Boysenberry
- Marionberry
- Loganberry
- Blackberry
- Red raspberry
- Boysenberry
- Loganberries
- Blackberries
- Blueberries
- Boysenberry
- Marionberry

**Oranges:**
- Oranges
- Lemons
- Limes
- Mandarin
- Grapefruit
- Kumquat
- Tangerine
- Tangarine

**Tropical Fruits:**
- Avocado
- Papaya
- Mango
- Pineapple
- Orange
- Grapefruit
- Lemon
- Lime
- Tangerine
- Mandarin

**Vegetables:**
- Tomato
- Pepper
- Eggplant
- Cucumber
- Squash
- Zucchini
- Corn
- Onion
- Leek
- Radish
- Carrot
- Parsley
- Dill
- Cilantro
- Mint

**Grains:**
- Wheat
- Barley
- Rye
- Oats
- Corn
- Sorghum
- Millet
- Buckwheat
- Teff

**Grassy Pastures:**
- Tall fescue
- Fine fescue
- Kentucky bluegrass
- Quackgrass
- Orchardgrass
- Bermudagrass

**Bermudagrass:**
- Caddo
- Pfair
- Oxford
- Bluegrass
- Kentucky
- Fescue
- Ryegrass
- Perennial rye

**Suppression:**
- B = Burndown
- C = Control
- PC = Partial Control
- S = Suppression

**PRE-EMERGENCE APPLICATION REQUIREMENT USE OF THIS PRODUCT FOR POSTEMERGENCE APPLICATION ONLY ON CROP VARIETIES DESIGNATED AS CONTAINING THE ROUNDUP READY GENE.**

**Water Control Applications in Seed Production of Alfalfa**:

**AERIAL APPLICATION INSTRUCTIONS:** This product will control many troublesome emerged weeds with over-the-top applications in Roundup Ready alfalfa grown for seed. In-crop applications may be made from emergence through the leaf vegetative stage and spot treatments may be made from early bud stage through seed harvest.

**AERIAL APPLICATIONS:** For aerial applications, use the specified rates of this product in 3 to 15 gallons of spray solution per acre. Carefully select proper nozzle and spray pressure to avoid spraying a fine mist. For best results with ground application equipment, use flat fan nozzles. Check for even distribution of spray droplets.
fae can be very sensitive to many herbicides at extremely low concentrations and care should be taken to thoroughly clean all equipment prior to use.

TYPES OF APPLICATIONS: Preplant, At-planting, Preemergence, Postemergence and Postharvest seed of alfalfa.

<table>
<thead>
<tr>
<th>Maximum Allowable Combined Application Rates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Combined total per year for all applications including preplant during year of establishment</td>
</tr>
<tr>
<td>Preplant, At-planting and Preemergence applications</td>
</tr>
<tr>
<td>Total in-crop application rate from emergence through the late vegetative stage</td>
</tr>
<tr>
<td>Spot treatment during early bud stage through seed harvest (See the &quot;Spot Treatment After Late Vegetative Stage&quot; section and the &quot;PRECAUTIONS AND RESTRICTIONS&quot; section of this label for complete instructions)</td>
</tr>
</tbody>
</table>

There are no rotational crop restrictions following applications of this product. For any crop NOT listed in this label, applications must be at least 30 days prior to planting.

Over-the-top Applications

Broadcast applications of this product may be made using ground or aerial equipment in-crop on Roundup Ready Alfalfa from emergence through the late vegetative stage. Do not make broadcast applications of this product between the initiation of Alfalfa budding and the harvest of seed. Any single over-the-top broadcast application of this product should not exceed 2 quarts per acre. Sequential applications of this product should be at least 7 days apart. Due to the broad-spectrum herbicide activity of Roundup, the use of more than 10% of the seedings may not contain the Roundup Ready gene and will not survive or thrive after the first application of this product. To limit undesirable effects of stand gaps created by the loss of plants not containing the Roundup Ready gene, a single application at least 2 quarts per acre of this product should be applied at or before the 3 to 4 trifoliolate growth stage.

Spot Treatment After Late Vegetative Stage

For late emerging weeds, this product may be applied as a spot treatment in Roundup Ready Alfalfa grown for seed, during the early bud stage through seed harvest. Applications made during this stage may result in reduced seed yield and quality and are the responsibility of the grower. Make applications on a spray-to-wet basis. Do not spray to the point of runoff. If a spot treatment is made after the late vegetative stage, harvested seed must not be used for Alfalfa sprout production.

Postharvest Applications

Following harvest of Roundup Ready Alfalfa seed, the stand may be managed for forage and hay production. Refer to the below section on "WEED CONTROL APPLICATIONS IN FORAGE AND HAY PRODUCTION OF ALFALFA WITH THE ROUNDUP READY GENE".

Weeds Controlled

For specific rates of application and instructions for control of various annual and perennial weeds, refer to the "WEEDS CONTROLLED" section of this label. Some weeds with multiple germination times or suppressed (stunted) weeds may require a second application of this product for complete control. The second application should be made after some regrowth of weeds has occurred. In addition to those weeds listed in this label, this product will suppress or control perennial weeds, Dodder (Cuscuta app.) in Roundup Ready Alfalfa seed production. Repeat applications may be necessary for complete control. Tank mixtures with other herbicides, insecticides, or fungicides may result in crop injury or reduced weed control and are not recommended for over-the-top applications of this product.

During stand establishment, for applications made prior to the 4-trifoliolate growth stage, the use of ammonium sulfate may result in crop injury and is not recommended. Refer to the "ADDITIONS" section of this label for use instructions for ammonium sulfate.

PRECAUTIONS AND RESTRICTIONS: Do not make over-the-top broadcast applications of this product between the initiation of Alfalfa budding and the harvest of Roundup Ready Alfalfa seed. If a spot treatment of this product is made after the late vegetative stage, do not use harvested Roundup Ready Alfalfa seed for Alfalfa sprout production. Regardless of applications made, the use of harvested Roundup Ready Alfalfa seed is not recommended for production of Alfalfa sprouts.

Weed Control Applications in Forage and Hay Production of Alfalfa with the Roundup Ready Gene

APPLICATION INSTRUCTIONS: This product will control many troublesome emerged weeds with over-the-top applications in Roundup Ready Alfalfa. Allow at least 5 days between the last application and grazing, or, cutting and feeding of Alfalfa forage and hay.

Ground Applications

For ground applications with broadcast equipment, apply this product in 3 to 40 gallons of spray solution per acre. Carefully select proper nozzle and spray pressure to avoid spraying a fine mist. For best results with ground equipment, use flat fan nozzles. Check for even distribution of spray droplets.

Aerial Applications

For aerial application, use the specified rates of this product in 3 to 15 gallons of spray solution per acre. DO NOT EXCEED 2 QUARTS OF THIS PRODUCT PER ACRE WHEN MAKING APPLICATIONS BY AIR. FOR AERIAL APPLICATION IN CALIFORNIA, REFER TO THE BACK OF THIS LABEL FOR AERIAL APPLICATION IN THAT STATE. AVOID DRIFT. EXTREME CARE MUST BE USED WHEN APPLYING THIS PRODUCT TO PREVENT INJURY TO DESIRABLE PLANTS AND CROPS WHICH DO NOT CONTAIN THE ROUNDUP READY GENE.

DO not apply during low-level inversion conditions, when winds are gusty or under any other conditions that favor 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. See the "APPLICATION EQUIPMENT AND TECHNIQUES" section of this label for procedures to avoid spray drift that may cause injury to any vegetation not intended for treatment.

Sprayer Preparation

It is important that sprayer and mixing equipment be clean and free of pesticide residue before making applications of this product to Roundup Ready Alfalfa. Follow the cleaning procedures specified on the label of the product(s) used. Alfalfa can be very sensitive to many herbicides at extremely low concentrations and care should be taken to thoroughly clean all equipment prior to use.

TYPES OF APPLICATIONS: Preplant, At-planting, Preemergence, Postemergence and Postharvest seed of alfalfa.

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Ground Applications
For ground applications, with broadcast equipment, apply this product in 5 to 20 gallons of spray solution per acre. Carefully select proper nozzle and spray pressure to avoid spraying a fine mist. For best results with ground application equipment use flat fan nozzles. Check for even distribution of spray droplets.

Aerial Applications
For aerial applications, apply this product in 3 to 15 gallons of water per acre. AVOID DRIFT. EXTREME CARE MUST BE USED WHEN APPLYING THIS PRODUCT TO PREVENT INJURY TO DESIRABLE PLANTS AND CROPS WHICH DO NOT CONTAIN THE ROUNDPREP READY GENE. DO NOT APPLY IN CONVERSION CONDITIONS WHEN WINDS ARE GUSTY OR UNDER ANY OTHER CONDITIONS WHICH FAVOR 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.

Do not allow the herbicide solution to mist, drip, drift or splash onto desirable vegetation since minute quantities of this product can cause severe damage or destruction to the crop, plants or other areas on which treatment was not intended. The likelihood of injury occurring from the use of this product increases when winds are gusty, as wind velocity increases, when wind direction is constantly changing or when there are other meteorological conditions that favor spray drift. When spraying, avoid combinations of pressure and nozzle type that will result in splatter or fine particles (mist) which are likely to drift. AVOID APPLYING AT EXCESSIVE SPEED OR PRESSURE.

Coarse sprays are less likely to drift; therefore, do not use nozzles or nozzle configurations which dispense spray as fine spray droplets. Do not angle nozzles forward into the airstream and do not increase spray volume by increasing nozzle pressure.

There are no rotational crop restrictions following applications of this product.

Sprayer Preparation
It is important that sprayer and mixing equipment be clean and free of pesticide residue before making applications of this product to Rundown Ready Canola. For specific mixing and application procedures specified on the label of the product(s) previously used. Canola can be very sensitive to many herbicides at extremely low concentrations and care should be taken to thoroughly clean all equipment prior to use.

Preplant, Preemergence, Pre-Planting
USE INSTRUCTIONS: This product may be applied before, during or after planting Canola by aerial or ground application equipment. The maximum combined application rate from all preplant and preemergent applications should not exceed 2 quarts per acre per season.

NOTE: In no-till and stale seedbed systems, always use a burndown treatment to control existing weeds before Canola emerges. Apply a preplant burndown treatment of 0.5 to 1 quart per acre of this product.

Roundup Ready Spring Canola Varieties
Roundup Ready Spring Canola is defined as those Roundup Ready Canola varieties that are seeded in the Spring and harvested in the Fall, and do not enter a Winter dormancy period.

Postemergence
USE INSTRUCTIONS: This product may be applied by aerial or ground application equipment postemergence to Roundup Ready Spring Canola varieties from emergence through the 6-leaf stage of development. Applications made during bolting or flowering may result in crop injury and yield loss. To minimize yield potential, make applications early to eliminate competing weeds.

Weeds Controlled
For specific rates of application and instructions, refer to the "WEEDS CONTROLLED" section of this label.

Single Application – Apply 0.5 to 0.75 quart per acre no later than the 6-leaf stage for the control of annual weeds. Avoid overlapping applications that may result in temporary yellowing, delayed flowering, and/or growth reduction. Similar injury may result when applications of more than 11 fluid ounces per acre are applied after the 4-leaf stage.

Sequential Application – Apply 0.5 quart per acre to 1- to 3-leaf Canola followed by a sequential application at a minimum interval of 10 days, but no later than the 6-leaf stage. Sequential applications are recommended for early emerging annual weeds and perennial weeds such as Canada thistle and Quackgrass when controlling weeds with multiple application times. This product will control or suppress most perennial weeds. For some perennial weeds, repeat applications may be required to eliminate crop competition throughout the growing season.

PRECAUTIONS, RESTRICTIONS: No more than two over-the-top broadcast applications may be made from crop emergence through the 6-leaf stage of development in a sequential application. Total in-crop applications should not exceed 1 quart per acre. Allow a minimum of 60 days between last application and harvest.

Roundup Ready Winter Canola
Roundup Ready Winter Canola is defined as those Roundup Ready Canola varieties that are seeded in the Fall and harvested the following Spring or Summer. Winter Canola varieties are intended to enter a cold period dormancy in the Winter.

Postemergence
USE INSTRUCTIONS: This product may be applied by aerial or ground application equipment postemergence to Roundup Ready Winter Canola varieties from emergence from the 6-leaf stage in the Fall and prior to bolting in the Spring. Applications made during or after bolting may result in crop injury and yield loss. To maximize yield potential, make applications early to eliminate competing weeds. Allow a minimum of 60 days between last application and harvest.

Single Application – Apply 0.5 to 0.75 quart per acre in the Fall and no later than the 6-leaf stage for the control of annual weeds. Avoid overlapping applications which may result in temporary yellowing, delayed flowering, and growth reduction.

Sequential Applications – Apply 0.5 quart per acre to 1- to 3-leaf Canola in the Fall, following by a sequential application at a minimum interval of 10 days, but before bolting in the Spring. Sequential applications are recommended for early emerging annual weeds and Winter emerging weeds such as Downy bromes, Jointed goatgrass and Ryegrass.

This product will control or suppress most perennial weeds. For some perennial weeds, sequential applications may be required to eliminate crop competition throughout the growing season.

PRECAUTIONS, RESTRICTIONS: No more than two over-the-top broadcast applications may be made from crop emergence up to the onset of bolting and the total in-crop application must not exceed 1 quart per acre. Allow a minimum of 60 days between last application and Canola harvest.

Weeds Controlled
For specific rates of application and instructions for control of various annual and perennial weeds, refer to the "ANNUAL WEEDS" and "PERENNIAL WEEDS Rate Table" sections of this label.

Tank mixes with other herbicides, insecticides, or fungicides may result in reduced weed control or crop injury and are not recommended for over-the-top applications of this product.

Some weeds with multiple germination times or suppressed (stunted) weeds may require sequential applications of this product for control. The second application should be made after some regrowth has occurred and at least 10 days after a previous application of this product.

CORN WITH THE ROUNDPREP READY GENE
DIRECT CHEMICAL RECOMMENDS USE OF THIS PRODUCT FOR POSTEMERGENCE APPLICATION ONLY ON CORN HYBRIDS WHICH HAVE THE ROUNDPREP 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 technology used in this product contains the Corn 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 postemergence to Roundup Ready Corn from emergence through the V4-V8 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 V8 stage or 30 inches, must not exceed 2 quarts per year.

Maximum Yearly Amounts Allowed
The yearly maximum allowable amount of this product that can be applied also includes other glyphosate-containing products, such as Glyphosate Herbicide, Glyphosate X-TRA®, Glyphosate UL, Roundup and Roundup Ultra®.

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

Preharvest: 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 Use Directions of This Product 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>Preharvest Interval When Corn Is Harvested for:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preplant, Preemergence</td>
<td>Single or Sequential</td>
<td>5 qts. per acre</td>
<td>Forage - 50 days</td>
</tr>
<tr>
<td></td>
<td>Postemergence, In-crop (emergence to V4 stage or 30 inches high)</td>
<td>1 ct. per acre</td>
<td>Forage - 50 days</td>
</tr>
<tr>
<td></td>
<td>Sequential (min. 10-day interval between applications)</td>
<td>1 ct. per acre</td>
<td>Forage - prohibited</td>
</tr>
<tr>
<td></td>
<td>Preharvest, Corn for grain (black layer to 7 days PHI)</td>
<td>1 ct. per acre</td>
<td>Grain - 7 days</td>
</tr>
<tr>
<td></td>
<td>Combined per year total for all applications</td>
<td>8 qts. per acre</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 "MIXING, ADDITIVES AND APPLICATION INSTRUCTIONS" section of this label for proper use instructions.

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

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

Aerial Applications
Use the specified 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 specified 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 MUST BE MADE ONLY IN THE FOLLOWING STATES: AL, AR, CO, FL, GA, KS, LA, MI, MO (Boosteed only), NE, NC, ND, OK, SC, SD, TN, TX.

Weed Control Directions
Apply up to 3 years following the first year 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 directions for specific annual weed species. This product, applied up to 1 quart per acre, will control or suppress the growth of perennial weeds such as:
- Bermudagrass
- Canada thistle
- Common milkweed
- Field bindweed
- Hemp-sowbane
- Redroot
- Nudetage
- Quickgrass
- Rhizome Johnsongrass
- Trumpetweeper
- Swamp smartweed
- Wremen mamly

For additional information on perennial weeds, see the “PERENNIAL WEEDS” section of this label.

Preemergence followed by postemergence weed control program: This product may be applied postemergence in-crop following any labeled preemergence herbicide application. The postemergence 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 specified rate will provide control of emerged weeds listed on this label. This product may be applied postemergence to Roundup Ready Corn from emergence through V3-V5 (8 leaves with collar) stage or until Corn height reaches 30 inches (free standing), whichever comes first.

Postemergence only weed control program: This product may be applied alone as a postemergence in-crop application to provide control of emerged weeds listed on this label. The postemergence 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 weeds. This product may be applied postemergence to Roundup Ready Corn from emergence to V4-V5 stage in or until Corn height reaches 30 inches (free standing), whichever comes first.

Note: Nonionic surfactants which are labeled for use with postemergence herbicides may be used. When using additional surfactant, use 0.5% surfactant concentration (2 quarts per 100 gallons of spray solution) for those surfactants containing less than 70% active ingredient.

The following nonionic 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 in the surfactant label.

Postemergence
USE INSTRUCTIONS: This product may be applied after harvest of Corn. Higher rates may be required for control of large weeds that were growing in the crop at the time of harvest. Tank mixtures with 2,4-D or diquat may be used.

PRECAUTIONS, RESTRICTIONS: Allow a minimum of 7 days between treatment and harvest or feeding of treated vegetation.

For Postemergence Applications to Roundup Ready Corn
The use of the higher rate over-the-top rates described in this section on other than Roundup Ready Corn 2 may cause crop injury and reduced yields.

Application instructions
For Roundup Ready Corn 2 from emergence through the V6 stage (8 leaves with collar) or until Corn height reaches 30 inches, whichever comes first, this product may be applied over-the-top of broadcast or drop nozzles. When Corn height is 24 to 30 inches (free standing), 24 for optimum spray coverage and avoid control, drop nozzles are recommended. For Corn heights 30 to 48 inches (free standing), apply this product only using ground application equipment with drop nozzles adjusted to avoid applying spray to any whorls of the Corn plants. Single in-crop applications of this product should not exceed 1.5 quarts per acre.

<table>
<thead>
<tr>
<th>Maximum Allowable Combined Application Quantities per Saison</th>
<th>Preplant, A-Planting, Preemergence applications</th>
<th>5 ozs. per acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preemergence (in-crop): Maximum combined total of multiple in-crop applications from emergence through the 48 inch stage</td>
<td>3 ozs. per acre</td>
<td></td>
</tr>
<tr>
<td>Preemergent: Maximum preemergent application rate after maximum till has been completed and the crop is physically mature (black layer formation) with 35 percent grain moisture or less until 7 days before harvest.</td>
<td>1 oz. per acre</td>
<td></td>
</tr>
<tr>
<td>See Precautions and Restrictions on preemergence applications.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Cropping Season: Combined total per year for all applications | 8 ozs. per acre | |

The addition of 1 to 2 percent dry ammonium sulfate by weight or 8 to 17 pounds per 100 gallons of water increases the performance of this product under hard water conditions, drought conditions or when tankmixed with Butyl or Micro-Tech herbicides. Ensure that ammonium sulfate is completely dissolved in the spray tank before adding herbicides. Thoroughly rinse the spray system with water after use to reduce carryover. The addition of other products, including fertilizers and microingredients are not recommended with this product since this may result in increased potential for crop injury.

ATTENTION: AVOID DRIFT. EXTREME CARE MUST BE USED 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
For ground applications, use the specified 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
For aerial applications, use the specified 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. AVOID DRIFT. DO NOT APPLY DURING INVERSION CONDITIONS, WHEN WINDS ARE GUSTY OR UNDER ANY OTHER CONDITIONS WHICH FAVOR DRIFT. DRIFT MAY CAUSE DAMAGE TO ANY VEGETATION CONTACTED TO WHICH TREATMENT IS NOT INTENDED. TO PREVENT INJURY TO ADJACENT VEGETATION, APPROPRIATE BUFFER ZONES MUST BE MAINTAINED.

Weed Control Directions
Apply 0.75 to 1 quart of this product per acre for control of labeled grasses and broadleaf weeds in conventional and no-Till Corn production systems. Refer to the “ANNUAL WEEDS” section of this label for rates of specific annual weeds. This product applied at up to 1.5 quarts per acre may control or suppress the growth of perennial weeds such as: Bermudagrass, Canada thistle, Common milkweed, Field bindweed, Hemp dogbane, Horsetail, Quickgrass, Swamp smartweed, Rhizome Johnsongrass, Redroot, Trumpetweeper, Swamp smartweed, and Wremen mamly. For additional information on perennial weeds, see the “PERENNIAL WEEDS” section of this label.

Preplant, Preemergence, A-Planting
USE INSTRUCTIONS: This product may be applied alone or in tankmixtures before, during or after planting trees.

TANK MIXTURES: This product may be tank mixed with Butyl, Degree®, Degree Xtra®, Harness, Harness Xtra, Harness Xtra 5.6% Lariat®, Lasso or Micro-Tech herbicides at 50 to 100 percent of labeled rate. Refer to the specific product label and observe all precautions and limitations on the label for any preemergence herbicide application, including application timing restrictions, soil restrictions, minimum recropping interval and rotational guidelines - the more restrictive requirements apply.

NOTE: For maximum weed control, a postemergence (in-crop) application of this product should be applied following the use of less than labeled rates of the preemergence residual products listed above.

Preemergence followed by Postemergence Weed Control Program
USE INSTRUCTIONS: This product may be applied postemergence in-crop following any labeled preemergence herbicide application. The postapplication of this product should be made before the weeds reach a height and/or density that the weeds become competitive with the crop. An in-crop application of this product at the specified rates will provide control of emerged weeds listed on the label. This product may be applied over-the-top broadcast or with drop nozzles postemergence to Roundup Ready Corn 2 from
emergence through the V8 stage (8 leaves with collars) or until Corn height reaches 30 inches (free standing), whichever comes first. When Corn height is 24 to 30 inches, drop nozzles are recommended for optimum spray coverage and weed control. For Corn heights 30 to 48 inches (free standing), apply this product only using ground application equipment with drop nozzles and avoid spraying into the whorls of the Corn plants.

postemergence Only Weed Control Program

USE INSTRUCTIONS: This product may be applied alone as a postemergence in-crop application to provide control of emerged weeds listed on the label. The postemergence application of this product should be made before the weeds reach 10% of their final height and/or density that the weeds become competitive with the crop. When new flushes of weeds occur, a sequential application of this product at 0.75 to 1 quart per acre will control the labeled grasses and broadleaf weeds. This product may be applied over-the-top broadcast or with drop nozzles postemergence for Roundup Ready Corn 2 from emergence through the V8 stages. For Corn height reaches 30 inches (free standing), whichever comes first. When Corn height is 24 to 30 inches, drop nozzles are recommended for optimum spray coverage and weed control. For Corn height 30 to 48 inches (free standing), apply this product only using ground application equipment with drop nozzles and avoid spraying into the whorls of the Corn plants.

TANK MIXTURES: This product may be applied in tank mixtures with a labeled rate of Degree, Degree Xtra, Harness, Harness Xtra, Harness Xtra 5.6L, Mark I, Micro-Tech or Bullet herbicides at 50 to 100 percent of labeled rate. This product may be applied in tank mixtures with Perminal and Altrazine at labeled rates. 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 recropping intervals and rotation restrictions. Another herbicide may be less restrictive requirement apply. Tank mix with other products may result in increased potential for crop injury and/or weed antagonism. Refer to the table below for height limitation for tank mix partner.

<table>
<thead>
<tr>
<th>Tank Mix Partner</th>
<th>Maximum Height of Corn For Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Degree</td>
<td>11 inches</td>
</tr>
<tr>
<td>Degree Xtra</td>
<td>11 inches</td>
</tr>
<tr>
<td>Harness</td>
<td>11 inches</td>
</tr>
<tr>
<td>Harness Xtra</td>
<td>11 inches</td>
</tr>
<tr>
<td>Harness Xtra 5.6L</td>
<td>11 inches</td>
</tr>
<tr>
<td>Bullet* Micro-Tech*</td>
<td>5 inches</td>
</tr>
<tr>
<td>Permit</td>
<td>30 inches</td>
</tr>
<tr>
<td>Atrazine</td>
<td>12 inches</td>
</tr>
<tr>
<td>Me-To-Lactor II</td>
<td>40 inches</td>
</tr>
</tbody>
</table>

* Bullet and Micro-Tech are not registered for use as a postemergence application in Texas.

PRECAUTIONS, RESTRICTIONS: Single in-crop applications of this product should not exceed 1.5 quarts per acre. Allow a minimum of 10 days between in-crop applications of this product. Allow a minimum of 50 days between application of this product and harvest of Corn forage or grain. For applications at preharvest timing (see Preharvest section of this label), allow a minimum of 7 days between application and harvest or feeding of Corn stover or grain. There are no rotational crop restrictions following applications of this product.

Preharvest USE INSTRUCTIONS: A single preharvest application of up to 1 quart per acre of this product may be made, if no more than a total of 2 quarts of this product has been previously applied in over-the-top or drop nozzle applications. Make a preharvest application at 35 percent grain moisture or less. Ensure that maximum kernel fill is complete and the Corn is physiologically mature (black layer formed).

PRECAUTIONS, RESTRICTIONS: Do not make a preharvest application of this product if more than a combined total of 2 quarts of this product has been previously applied in over-the-top or drop nozzle applications. Allow a minimum of 7 days between a preharvest application and harvest or feeding of Corn stover or grain.

Postharvest USE INSTRUCTIONS: This product may be applied after harvest of Corn. Higher rates may be required for control of large weeds that were growing in the crop at the time of harvest. Tank mixtures with 2,4-D or dicamba may be used. PRECAUTIONS, RESTRICTIONS: Allow a minimum of 7 days between treatment and harvest or feeding of treated vegetation.

For Control and Management of Glyphosate Resistant Horserweed (Marestail, Conyza canadensis) in Roundup Ready Corn Hybrids

USE INSTRUCTIONS: For ground applications, use 10 to 20 gallons of water per acre. For aerial applications, use 3 to 15 gallons of water per acre. For tank mix recommendations, read and carefully observe the cautionary statements and all other information appearing on the product labels, supplemental labeling or fact sheet published separately for all herbicides used.

In-crop In-crop Roundup Ready Corn, apply a tank mixture of this product (1 quart per acre) plus Clopyralid® (8 to 16 fluid ounces per acre) or 2,4-D (0.5 to 1.0 pound ai per acre). Apply between Corn emergence and the 5-leaf stage of growth (approximately 8 inches tall).

COTTON WITH THE ROUNDUP READY GENE

DREXEL CHEMICAL RECOMMENDS THIS PRODUCT FOR USE ONLY OVER-THE-TOP OF OR DIRECTED ONTO IMPROVED COTTON VARIETIES THAT ARE DESIGNATED AS COTTON WITH THE ROUNDUP READY GENE. SEVERE INJURY OR DEATH OF COTTON WILL RESULT IF ANY COTTON VARIETIES NOT PROPERLY DESIGNATED AS HAVING THE ROUNDUP READY GENE ARE SPRAYED WITH THIS PRODUCT. AVOID CONTACT OF HERBICIDE WITH ANY FOLIAGE, FLOWERS, FRUIT OR COTTON OR ANY DESIRABLE PLANTS AND TREES OTHER THAN COTTONS WITH THE ROUNDUP READY GENE, SINCE SEVERE INJURY OR DESTRUCTION WILL RESULT. ROUNDUP READY COTTON VARIETIES MUST BE PURCHASED FROM AN AUTHORIZED LICENSED SUPPLIER. THE DESIGNATION "ROUNDUP READY", INDICATES THE COTTON CONTAINS A PATENTED PROPRIETARY TRAIT. COTTON WITH THE ROUNDUP READY GENE MAY ONLY BE USED FOR PLANTING A COMMERCIAL CROP IN A SINGLE SEASON. ROUNDUP READY COTTON MAY NOT BE USED FOR REPLANTING IN OE PLANTING. ROUNDUP READY COTTON MAY NOT BE SUPPLIED TO OTHERS FOR REPLANTING. DREXEL CHEMICAL DOES NOT WARRANT THE SAFETY OR PERFORMANCE OF THIS PRODUCT WHEN USED ON "BROWN BAG" OR FARMER SAVED SEED.

Application Instructions

This product will control many troublesome weeds with over-the-top, postdirected, hooded sprayer or preharvest application in Roundup Ready Cotton.

Maximum Allowable Yearly Rates of This Product

| Combined total per year for all applications | 5 lbs. per acre |
| Spray, preemergence applications | 3 lbs. per acre |
| Total in-crop applications from cracking to lay-by | 4 lbs. per acre |
| Maximum preharvest application rate | 2 lbs. per acre |

* The yearly maximum allowable amount of this product that can be applied also includes other glyphosate-containing products, such as Glyphosate-Herbicide, Glyphosate XTRA, Glyphosate A, Atox and Roundup Ultra.

Ground Applications

When aerial equipment, apply this product in 5 to 20 gallons of spray solution per acre. Carefully select proper nozzle and spray pressure to avoid spraying a fine mist. For best result with ground application equipment, use flat fan nozzles. Check for even distribution of spray droplets.

Aerial Applications

Apply this product in 3 to 15 gallons of spray solution per-acre. DO NOT EXCEED A MAXIMUM RATE OF 1 QUART PER ACRE OF THIS PRODUCT WHEN MAKING APPLICATIONS BY AIR. AVOID DRIFT. EXTREME CARE MUST BE USED WHEN SPRAYING THIS PRODUCT TO PREVENT INJURY TO DESIRABLE PLANTS AND CROPS WHICH DO NOT CONTAIN THE ROUNDUP READY GENE. Do not apply during low-level inversion conditions, when winds are gusty or under any other conditions which favor 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.

There are no rotational crop restrictions following applications of this product.

Spray equipment preparation: It is important that sprayer and mixing equipment be clean and free of pesticide residue before making application of this product to Roundup Ready Cotton. Follow the cleaning procedures specified on the label of the product(s) previously used. Cotton is very sensitive to many herbicides at extremely low concentrations and care should be taken to thoroughly clean all equipment prior to use of this product.

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 postemergence to Roundup Ready Cotton from the 1-leaf (nodal) stage of development or when the true-leaf reaches the size of a quarter. Over-the-top applications made after the 4-leaf (nodal) 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 (nodal) 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-cult and stale seedbed systems always burn down existing weeds before Cotton emerges. Apply a pre-plant burndown treatment of 18 to 45 fluid ounces per acre of this product.

Postdirected or hooded applications: This product may be applied using precision postdirected or hooded sprayers to Roundup Ready Cotton through lay-by. At this stage, postdirected equipment should be used which directs the spray to the base of the Cotton plant. Contact of the spray with Cotton leaves should be avoided to avoid injury. To minimize contact of the Cotton leaves, 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 direct the Cotton leaves may result in boll loss, delayed maturity and/or yield loss. Any single postdirected application should not exceed 1 quart per acre of this product. No more than two applications should be made from the 5-leaf stage through lay-by. 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.

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 make it impossible to eliminate all risks associated with the use of this product, even when applications are made in conformance with the label applications. In some cases, these factors can result in 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: Saladage treatments will result in significant boll loss, delayed maturity and/or yield loss. No more than one saladage treatment should be used per growing season.

Weeds controlled: For specific rates of application and instructions for control of various weeds and perennial weeds, refer to the "ANNUAL WEEDS" section. This product, applied at 1-quart rate per acre will burn down or suppress the growth of the following perennial weeds and reduce crop competition:

- Yallow and Purpl rutledge
- Rhizoma johnsongrass
- Common bermudagrass
- Shrub raghitchake
- Tumbleweeds
- Redline

Fall pre-emergent 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. Selective application to multiple germination times or "strung" (stunted) weeds, may require sequential applications of this product for control.

Pre-emergent applications: This product may be applied for pre-emergent and perennials weed control as a broadcast treatment to Roundup Ready Cotton after 20% boll crack. Allow a minimum of 7 days between application and harvest.

USE OF ADDITIVES FOR PREEMERGENT 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 PREEMERGENT TO CROPS GROWN FOR SEED.

Note: Nonionic surfactants which are labeled for use with postemergence herbicides may be used. When using additional surfactant, use 0.5% surfactant concentration (2 parts per 100 gallons of spray solution) 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.

For Cotton with the Roundup Ready Gene for Application (Arizona Only)

See "USE INFORMATION" and "MIXING" sections of this label for essential product performance information.

TYPES OF APPLICATIONS: Preplant, Pre-Planting, Preemergence, Over-the-top, Selective Equipment, Preemergence.

Maximum Allowable Combined Application Quantities Per Season

- Preplant, Preplanting, Preemergence applications 8 quarts per acre
- Over-the-top, over-the-top applications 3.75 quarts per acre
- Total over-the-top application 4 quarts per acre
- Total over-the-top application 3.75 quarts per acre
- Total over-the-top application 4 quarts per acre
- Total over-the-top application 4 quarts per acre

PRECAUTIONS, RESTRICTIONS: DO NOT combine these instructions with other recommendations made for crop varieties that do not contain the Roundup Ready gene, see the "ANNUAL AND PERENNIAL CROPS (Alphabetical)" section of this label. The combined total application of this product from Cotton emergence until harvest must not exceed 8 quarts per acre.

No more than two over-the-top broadcast applications may be made from crop emergence through the 4-leaf (nodes) stage of development.

No more than two post-directed applications should be made from the 5-leaf stage through lay-by.

Sequential in-crop over-the-top or post-directed applications of this product must be at least 10 days apart and Cotton must have at least two nodes of incremental growth between applications.

Allow a minimum of 7 days between application and harvest. Applications made in rain of 1 inch or greater must be expected to result in boll loss, delayed maturity and/or yield loss and are the sole responsibility of the grower.

The maximum use rates stated throughout this product's labeling apply to this product combined with the use of all other herbicides containing glyphosate or sulfosate as the active ingredient, whether applied as mixtures or separately.

Calculate the application rates and ensure that the total use of this and other glyphosate or sulfosate containing products does not exceed stated maximum use rates.

Preplant, Preplanting, and Preemergence

USE INSTRUCTIONS: This product may be applied before, during or after planting Cotton.

Over-the-top

USE INSTRUCTIONS: This product may be applied by aerial or ground application equipment at rates up to 1 quart per acre per application postemergence to Roundup Ready Cotton from the ground cracking stage until the 4-leaf (nodes) stage of development (until the fifth true leaf reaches the size of a quarter). Unless otherwise directed in supplemental labeling, any single over-the-top broadcast application should not exceed 1 quart per acre. Combined over-the-top applications between ground cracking until the 4-leaf (nodes) stage should not exceed 3 quarts per acre.

NOTE: For specific rates of application and instructions, refer to the "WEEDS CONTROLLED" section of this label.

Selective Equipment

USE INSTRUCTIONS: This product may be applied in-crop using precision post-directed or hooded sprayers to Roundup Ready Cotton through lay-by. Unless otherwise directed in supplemental labeling, any single application using selective equipment should not exceed 1 quart per acre. Sequential in-crop applications using selective equipment may be made up to a maximum of 2 quarts per acre.

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 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).

PRECAUTIONS, RESTRICTIONS: Following the "Selective Equipment" part of the "APPLICATION EQUIPMENT AND PRACTICES" section of this label for information on proper use and calibration of this equipment. The combined total of in-crop over-the-top plus selective equipment applications must not exceed 4 quarts per acre.

Salvage Treatment

USE INSTRUCTIONS: From the ground cracking stage through lay-by, where weeds threaten to cause the loss of the crop, applications of up to 1.5 quarts 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: CROP TOLERANCE OF ROUNDUP READY COTTON HAS NOT BEEN FULLY TESTED AT THIS APPLICATION RATE. SALVAGE TREATMENTS ARE EXPECTED TO RESULT IN SIGNIFICANT BOLL LOSS, DELAYED MATURITY AND/or YIELD LOSS AND ARE THE SOLE RESPONSIBILITY OF THE GROWER. NO MORE THAN TWO SALVAGE TREATMENTS SHOULD BE USED PER GROWING SEASON.

PRECAUTIONS, RESTRICTIONS: The combined total of in-crop over-the-top plus selective equipment applications must not exceed 2.6 quarts per acre.

Pre-emergent

USE INSTRUCTIONS: This product may be applied for pre-emergent and perennial weed control as a broadcast treatment to Roundup Ready Cotton after 20 percent boll crack. Up to 2 quarts per acre of this product may be applied using either aerial or ground application equipment.

NOTE: This product will not enhance the performance of harvest aids when applied to Roundup Ready Cotton.

PRECAUTIONS, RESTRICTIONS: Allow a minimum of 7 days between application and harvest of Cotton. Do not apply this product pre-emergent to Roundup Ready Cotton grown for seed.

For Control and Management of Glyphosate Resistant Horseweed (Marestail, Conyza canadensis) in Roundup Ready Cotton Varieties Only

USE INSTRUCTIONS: For ground applications, use 10 to 20 gallons of water per acre. For aerial applications, use 3 to 15 gallons of water per acre. For tank mix recommendations, read and carefully observe the cautionary statements and all other information appearing on the product labels, supplemental labeling or fact sheets published separately for all herbicides used.

Post-directed

Management of early season weed competition and the development of a crop height differential between Cotton and the Horseweed is often achieved by a combination of preplant burndown and postemergent over-the-top and/or direct applications of this product. These measures enhance the development of a height differential that is necessary to successfully make post-directed treatments. In-crop post-directed applications of MSMA (2 pounds active ingredient per acre) tankmixed with diuron (0.5 to 0.75 pounds active ingredient per acre) should be made when the temperature is 80°F or higher.

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 MAKE IT IMPOSSIBLE TO PREVENT ALL RISKS ASSOCIATED WITH THIS PRODUCT. EVEN WHEN APPLICATIONS ARE MADE IN CONFORMANCE WITH THE LABEL SPECIFICATIONS. IN SOME CASES, THESE FACTORS CAN RESULT IN BOLL LOSS, DELAYED MATURITY AND/or YIELD LOSS.

TANK MIXTURES OF THIS PRODUCT WITH ME-TOO-LACLOR™

A product sold as a tankmix with Me-Too-Laclor in water postemergence-directed or postemergence-over-the-top for control of emerged weeds as listed on this and the Me-Too-Laclor labels as well as for residual preemergence weed control of the weeds listed on the Me-Too-Laclor label. See the section "Over-the-top" for use rates and timings of this product and the Me-Too-Laclor label for its specified rates, method of application, and timing of application restrictions. DO NOT add fertilizer additives, surfactants and spray adjuvants or pesticides to this tank mixture if it is to be applied postemergence-over-the-top to Cotton or crops may fail.

Use Precautions: Do not apply this tank mixture postemergence to Cotton varieties not designated as Roundup Ready. Postemergence-over-the-top applications of this tank mixture may cause temporary injury such as necrotic spotting on the increased Cotton leaves. It will not affect normal plant development. Do not apply postemergence-over-the-top to Cotton past the growing stage limit. Do not use on sandy or loamy sand soils in Gaines County, TX.

SOYBEANS WITH THE ROUNDUP READY GENE

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

Applying this product to Soybeans varieties which are not designated as "Roundup Ready" will result in severe crop injury and yield loss. Avoid contact with nearby crops or any desirable crops that do not contain the Roundup Ready gene, since severe injury will result. Roundup Ready varieties must be purchased from an authorized seed supplier. Crop safety and weed control performance are not warranted when this product is used in conjunction with seed from unregistered 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.

**TYPES OF APPLICATIONS:** Preplant, Preemergence, At-Planting, Postemergence, Preharvest, Postharvest.

**Application Instructions**

This product may be applied postemergence to Roundup Ready Soybeans from the cracking stage through the full flowering stage.

**Preharvest Interval:** Allow a minimum of 14 days between application and harvest of Soybeans.

**Maximum Allowable Combinable Application Quantities Per Season**

<table>
<thead>
<tr>
<th>Combinable applications</th>
<th>Per acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preplant, Preemergence applications</td>
<td>4 quarts</td>
</tr>
<tr>
<td>Emergence to full bloom</td>
<td>4 quarts</td>
</tr>
</tbody>
</table>
| Between full bloom and canopy closure | 1 quart

* The yearly maximum allowable amount of the product that can be applied also includes other glyphosate containing products listed in the OSHA, National Soybean, and RoundUp Ultra Precautions, Restrictions: See the "ROUNDUP READY CROP" section of this label for general precautionary instructions for use in Roundup Ready crops.

**Preplant, Preemergence, At-Planting**

**USE INSTRUCTIONS:** This product may be applied before, during or after planting this product.

**Preplant:** 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 is limited to 8 quarts per acre. The maximum combined total of 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.

**Postemergence**

**USE INSTRUCTIONS:** When applied as directed, this product will control labeled annual grasses and broadleaf weeds in Roundup Ready Soybeans. Applications of this product can be made in Roundup Ready Soybeans from emergence (cracking) through flowering. Refer to the "ANNUAL WEEDS RATE TABLE" of this label for specified rates for specific annual weeds. In general, an initial application of 1 quart per acre on 2- to 8-inch tall weeds is recommended. Weeds will generally be 2 to 8 inches tall, 2 to 5 weeks after planting. If the initial application is delayed and weeds are larger, apply a higher rate of this product. This product may be applied up to 2 quarts per acre in any single in-crop application for control of annual weeds and where heavy weed densities exist.

A 1 to 2 quarts per acre rate (single or multiple applications) of this product will control or suppress perennial weeds such as: Bermuda grass, Canada thistle, Cogongrass, millet, Field bindweed, Hemp dogbane, Horse nettle, Mare's tail (horsenettle), Nutsedge, Quackgrass, Rhizome johnsongrass, Red vine, Tramp, thistle, Spanish smartweed, and Weeds nearly. For best results, allow perennial weed species to achieve at least 6 inches of growth before spraying with this product.

Under adverse growing conditions such as drought, hail, wind damage or a poor Soybean stand that slows or delays canopy closure, a sequential application of this may be necessary to control late flushes of weeds. In THE SOUTHERN UNITED STATES, A SEQUENTIAL APPLICATION OF THIS PRODUCT WILL BE REQUIRED TO CONTROL NEW FLUSHES OF WEEDS IN THE 10 ROUNDUP READY SOYBEAN CROP. To control Giant ragweed, apply 1 quart of this product per acre when the weed is 8 to 12 inches tall to increase control and possibly avoid the need for a sequential application.

**PRECAUTIONS, RESTRICTIONS:** The maximum total application from crop emergence through harvest must not exceed 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 that can be applied during flowering is 2 quarts per acre. Allow a minimum of 14 days between application and harvest of Soybeans.

**Preharvest**

**USE INSTRUCTIONS:** This product provides weed control when applied prior to harvest of Soybeans. Up to 1 quart per acre of this product can be applied by aerial or ground application.

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 by aerial or ground application. 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.

**PRECAUTIONS, RESTRICTIONS:** Care should be taken to avoid excessive seed shatter loss due to ground application equipment. Allow a minimum of 14 days between final application and harvest of Soybean grain or feeding of Soybean grain, forage or hay.

**Postharvest**

**USE INSTRUCTIONS:** This product may be applied after harvest of Roundup Ready Soybeans. Higher rates may be required for control of large weeds which were growing in the crop at the time of harvest. Tank mixtures with 2,4-D or dicamba may be used.

**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.

**Ground Application**

Use the specified rates of this product in 5 to 20 gallons of spray solution per acre as a broadcast spray. Carefully select proper nozzle and spray pressure to avoid spraying a fine mist. For best results with ground application equipment, use nozzles which provide a flat fan pattern. Check for even distribution of spray droplets.

**Aerial Application**

Use the specified rates of this product in 3 to 15 gallons of water per acre. Do not exceed 1 quart of this product per acre. DO NOT APPLY DURING LOW-LEVEL INVERSION CONDITIONS WHEN WINDS ARE GUSTY OR UNDER ANY OTHER CONDITIONS WHICH FAVOR DRIFT. DRIFT MAY CAUSE DAMAGE TO NEIGHBORING VEGETATION. ANNUAL WEEDS SECTION OF THIS label for specific rates for specific annual weeds. 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 mixture 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 densities exist. The maximum combined total of this product which can be applied during flowering is 2 quarts per acre.

**Note:** The following are based on a clean start at planting by using a burndown application or tillage to control existing weeds before Soybean emergence. In state seeded or no-till systems, a prebendum treatment of 6.3 to 2.6 quarts (18 to 64 fluid ounces) per acre of this product may be applied to control existing weeds prior to crop emergence.

**Midwest/Mid-Atlantic Uses**

**Narrow-row or drilled 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 6 inch weeds is recommended. Weeds will generally be 4 to 6 inches tall 3 to 5 weeks after planting. If the initial application is delayed and weeds are up to 18 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 60 fluid ounces per acre.

**Wide-row Soybeans:** An in-crop application of this product will provide effective control of the initial stand of labeled weeds. For best result, an initial application of 1 quart (32 fluid ounces) per acre on 4 to 6 inch weeds is recommended. Weeds will generally be 4 to 6 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* (If needed) Applications**

**Weed Height (inches)**

<table>
<thead>
<tr>
<th>Rate (fl. ozs. per acre)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 to 2</td>
</tr>
<tr>
<td>4 to 8</td>
</tr>
<tr>
<td>8 to 12</td>
</tr>
</tbody>
</table>

**Initial Treatment**

- Black nightshade, Pennsylvania smartweed, Violet leaf and Waterhemp: Apply 32 fluid ounces (1 quart) per acre to weeds 3 to 6 inches tall and 46 fluid ounces (1.5 quarts) to weeds up to 12 inches tall. For Morning glory species, apply 32 fluid ounces (1 quart) to weeds up to 4 inches and 48 fluid ounces (1.5 quarts) to weeds up to 6 inches. Giant ragweed: Apply 32 fluid ounces (1 quart) per acre when the weed is 8 to 12 inches tall to avoid the need for sequential application. Some weeds such as Black nightshade, Burcucumber, Giant ragweed, Shatter-cane, Wild proso millet and Woolly cupgrass with multiple germination times may require a sequential application of this product. Sequential applications should be made after some regrowth has occurred. Use a minimum of 10 fluid ounces per acre of this product for sequential applications. The combined yearly total of in-crop applications postemergence, of this product, must not exceed 98 fluid ounces per acre.

**Southeast Uses**

**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.

**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.**
### Weed Control in Crop Rotation

<table>
<thead>
<tr>
<th>Weed Control Application* (if needed)</th>
<th>Rate (ft. cens. per acre)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 to 3</td>
<td>16</td>
</tr>
<tr>
<td>3 to 6</td>
<td>24</td>
</tr>
<tr>
<td>6 to 12</td>
<td>32</td>
</tr>
</tbody>
</table>

*Combined total application in-crop shall not exceed 96 ft. cens. per acre.

**Florida Pysley, Hemp Sesbania and Spurred Amoda:** Apply 32 fluid ounces (1 quart) per acre to 2 to 4 inches tall for the initial application. Apply 32 fluid ounces (1 quart) per acre when these weeds are 3 to 6 inches tall if a sequential application is needed.

For Black nightshade, Groundcherry, Morninggory and Pennsylvania smartweed, apply the following rates for the initial application:

<table>
<thead>
<tr>
<th>Weed Control (inches)</th>
<th>Rate (ft. cens. per acre)</th>
</tr>
</thead>
<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>

**Delta/Mid-South Uses**

**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. New flushes of weeds can be controlled by sequential applications of this product. Combined use of this product is not to exceed 96 fluid ounces per acre.

For best results, an initial application of 32 fluid ounces (1 quart) per acre on 2 to 4 inches weed size is recommended. Weeds will generally be 2 to 4 inches tall in 2 to 3 weeks after planting.

### Initial Treatment

<table>
<thead>
<tr>
<th>Weed Control Application* (if needed)</th>
<th>Rate (ft. cens. per acre)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 to 4</td>
<td>32</td>
</tr>
<tr>
<td>5 to 12</td>
<td>48</td>
</tr>
</tbody>
</table>

*Combined total application in-crop shall not exceed 96 ft. cens. per acre.

**Perennial Weeds Rate Uses**

A 24 fluid ounces (1 to 2 quarts) per acre rate (single or sequential applications) of this product will control or suppress perennial weeds such as Bermuda grass, Canada thistle, Clethra arborescens, Hemp dogbane, Horse nettle, Marestail (Horseweed), Nutsedge. Quackgrass, Rhizome Johnsongrass, Redvine, Trifolium repens, Swamp smartweed and Westerly 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. When using additional surfactant, use 0.5% surfactant mixture (2 gallons per 100 gallons of spray solution) when using surfactant which contain at least 70% active ingredient or a 1% surfactant concentration (5 parts per 100 gallons of spray solution) for those surfactants containing less than 70% active ingredient.

### Storage and Disposal

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

**Pesticide Storage:** Keep container closed to prevent spills and contamination. Store in original container.

**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.

### Container Disposal

- **Nonrefillable Container (rigid material; less than 5 gallons):** Nonrefillable container. Do not reuse or refill container. After final use, dispose of. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into the 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. Shaker 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 plastic; 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 the equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the 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 times. Empty the rinsate into application equipment or a mix tank or store 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 container. 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 use 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 with 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.
STORAGE AND DISPOSAL (Cont'd.)

For Residential/Household Use:
PESTICIDE DISPOSAL: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.
CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. If empty, place in trash or offer for recycling if available. If partially filled, call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

WARRANTY — CONDITIONS OF SALE

The label instructions for the use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Manufacturer. All such risks shall be assumed by the user.

Manufacturer warrants only that the material contained herein conforms to the chemical description on the label and is reasonably fit for the use therein described when used in accordance with the “DIRECTIONS FOR USE” set forth in the complete directions for use booklet (“Directions”), subject to the risks referred to above.

Any damage arising from a breach of this warranty shall be limited to direct damages and shall not include consequential commercial damages such as loss of profits or values or any other special or indirect damages.

To the extent consistent with applicable law, Manufacturer makes no other expressed or implied warranty including any other expressed or implied warranty of FITNESS or MERCHANTABILITY.

Additional statements that may be used on or attached to the label:

- Compares to Roundup®
- Contains the same active ingredient used in Roundup®
- Same Active Ingredient as Roundup®
- Similar to Roundup®
- Grass & Weed Killer
- Weed & Grass Killer

One Quart — Makes well over 10 gallons of liquid spray. Read label before using.
One Gallon — Makes well over 40 gallons of ready to use spray. Read label before using.
2.5 Gallons — Makes well over 100 gallons of ready to use spray. Read label before using.

Contains 3 lbs. glyphosate acid, the active ingredient used in Roundup®

The broad spectrum postemergence herbicide for agricultural, industrial, turf, and ornamental weed control

Selective broad spectrum weed control in Roundup Ready® Crops
Nonselective, broad spectrum weed control for many cropping systems, pasture, and conservation reserve program acres

41% Glyphosate isopropylamine salt with full surfactant load

41% Glyphosate Concentrate with surfactant

Complete broad spectrum postemergence herbicide for vegetation management, ornamental weed control, and non-planted areas around residential, industrial locations, and their immediate vicinities

For use around residential, industrial, institutional locations and their immediate vicinities

Controls many annual and perennial grasses and broadleaf weeds as listed

IMITATOR is a registered trademark of Dowel Chemical Company. All other brand names, product names, or trademarks belong to their respective owners.
It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

All applicable directions, restrictions and use precautions on Drexel IMITATOR PLUS label(s) are to be followed. Follow the instructions carefully.

READ ENTIRE LABEL AND USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

Avoid contact of herbicide with foliage, green stems, exposed non-woody roots or fruit of crops (except as specified for individual Roundup Ready® crops), desirable plants and trees, because severe injury or destruction may result.

See “USE INFORMATION” and “MIXING” sections of the label for this product for essential product performance information.

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 disposing of equipment wash waters.

Aerial Equipment

Avoid drift. Do not apply when 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.

Use the following guidelines when aerial applications are made near crops or desirable perennial vegetation after bud break and before total leaf drop, and/or near other desirable vegetation or annual crops:

1. Do not apply within 100 feet of all desirable vegetation or crop(s).
2. If wind up to 5 miles per hour is blowing toward desirable vegetation or crop(s), do not apply within 500 feet of the desirable vegetation or crop(s).
3. Winds blowing from 5 to 10 miles per hour toward desirable vegetation or crop(s) may require buffer zones in excess of 500 feet.
4. Do not apply when winds are in excess of 10 miles per hour or when inversion conditions exist.
5. Apply by air only to nonresidential areas.

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 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.
Ensure uniform application — To avoid streaking, uneven, or over-lapped application, use appropriate marking devices. Thoroughly wash aircraft, especially landing gear, after each day of spraying to remove residues of this product accumulated during spraying or from spills. Prolonged exposure of this product to uncoated steel surfaces may result in corrosion and possible failure of the part. Landing gear is most susceptible. The maintenance of an organic coating (paint) which meets aerospace specification MIL-C-38413 may prevent corrosion.

**CROP USES:**

**Important:** Do not exceed the maximum allowable aerial application rate of 64 fluid ounces per acre, which is allowed for specific crops and application timings.

Read and follow the specific labeling instructions for each crop.

Utilize allowable application rates and timing limitations that pertain to your specific cropping system and stage growth.

Aerial applications of this product are allowed in the following situations:

1. In fallow and reduced tillage systems prior to the emergence or transplanting of labeled crops.
2. In Alfalfa and Pasture renovation applications.
3. Over-the-top applications in Corn with the Roundup Ready gene and Cotton with the Roundup Ready gene. Refer to further label instructions for Corn with the Roundup Ready gene and Cotton with the Roundup Ready gene for specific application instructions for over-the-top applications in these crops.
4. Preharvest in Alfalfa, Corn, Cotton, Wheat, Corn with the Roundup Ready gene, and Cotton with the Roundup Ready gene. Refer to the IMITATOR PLUS herbicide label instructions for specific preharvest application instructions for each individual crop.

Do not plant subsequent crops other than those listed in the label booklet for 30 days following application.

When applied under the conditions described, this product controls annual and perennial weeds listed in the label. Use the specified rates of this product in 3 to 15 gallons of water per acre.

When tank mixing this product with 2,4-D for aerial applications, only 2,4-D amine formulations may be used. This tank mixture may be used for fallow and reduced tillage systems and Alfalfa and pasture renovation applications only.