

### CONTROLS:

- Annual & Perennial Weeds

### ERASER AP

### **HERBICIDE**

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.

- Complete broad-spectrum postmergence herbicide for non-crop, industrial, turf & ornamental weed control
- Non-selective, broad-spectrum weed control for many agricultrual systems and farmsteads

### **ACTIVE INGREDIENT**

*Glyphosate, N-(phosphonemethyl) glycine, in the form of its isopropylamine salt	41.00%
OTHER INGREDIENTS	59.00%
TOTAL:	

\*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.

**EPA REG. NO. 53883-266** 

EPA EST. NO. 42750-MO-01

### KEEP OUT OF REACH OF CHILDREN CAUTION

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

See Label Booklet For Additional Precautionary Statements and Directions for Use.

A CONTROL SOLUTIONS INC. PRODUCT

NET CONTENTS: 2.5 GALLON





INJURY OR DESTRUCTION MAY RESULT. 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

- 41% Concentrate with Surfactant
- Mixing Rates: Use 1 1/3 oz. per gallon of water to control most annual weeds. Use 2 2/3 oz. to control most perennial weeds. Refer to label booklet for specific instructions
- Non-selective, broad-spectrum weed control for many agricultural systems and farmsteads
- in California before using. Not all products specified on this label are registered for use in California. Check the registration status of each product Complete broad-spectrum postemergence herbicide for non-crop, industrial, turf and ornamental weed control

# **ACTIVE INGREDIENT:**

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## KEEP OUT OF REACH OF CHILDREN CAUTION

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

Read the entire label before using this product. Use only according to label instructions

Read the "LIMIT OF WARRANTY AND LIABILITY" statement at the end of the label before buying or using. If terms are not acceptable, return at once unopened.

See attached label booklet and hanging booklet for additional Precautionary language and complete Directions for Use

Control Solutions, Inc 5903 Genoa-Red Bluff Pasadena, TX 77507 Manufactured For:

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# PRECAUTIONARY STATEMENTS

# **Hazards to Humans and Domestic Animals**

Harmful if inhaled. Causes moderate eye irritation. Avoid breathing spray mist. Avoid contact with eyes or clothing

	FIRST AID
IF IN EYES	Hold eye open and rinse slowly and gently with water for 15 - 20 minutes.     Barrows portract language if present after the first 5 minutes than continue rinsing and
	<ul> <li>Remove contact lenses if present after the first 5 minutes then continue rinsing eye.</li> <li>Call a Poison Control Center or doctor for treatment advice.</li> </ul>
IF INHALED	Move person to fresh air.
	<ul> <li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>Call a Poison Control Center or doctor for further treatment advice.</li> </ul>
IF SWALLOWED	Call a Poison Control Center or doctor immediately for treatment advice.
	Nave person sip a glass of water if able to swallow.
	Do not induce vomiting unless told to by a Poison Control Center or doctor.
	Do not give anything to an unconscious person.
Have the product	Have the product container or label with you when calling a poison control center or doctor, or going for treatment. This product is identified as ERASER A/P, EPA Registration No. 53883-266. You
may also contact	may also contact SafetyCall <sup>®</sup> International (866) 897-8050 for emergency medical treatment information.

# Personal Protective Equipment (PPE)

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

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

# User Safety Recommendations

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

persist for more than 24 hours. Domestic Animals: This product is considered to be relatively non-toxic to dogs and other domestic animals; however, ingestion of this product or large amounts of freshly sprayed vegetation may result in temporary gastrointestinal irritation (vomiting, diarrhea, colic, etc.). If such symptoms are observed, provide the animal with plenty of fluids to prevent dehydration. Call a veterinarian if symptoms

## 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 or 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

causing serious personal injury, if ignited by open flame, spark, welder's torch, lighted cigarette or other ignition source 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, 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

## **DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in any manner inconsistent with its labeling. This product can only be used in accordance with the Directions for Use on this label

parish has a Bulletin, and to obtain that Bulletin, consult http://www.epa.gov/espp/ or call 1-800-447-3813 no more than 6 months before using this product. Applicators must use Bulletins that are in effect in the month in which the pesticide will be applied. New Bulletins will generally be available from the above sources 6 months prior to their effective dates. product, you must follow the measures contained in the Endangered Species Protection Bulletin for the county or parish in which you are applying the pesticide. To determine whether your county or ENDANGERED SPECIES PROTECTION REQUIREMENTS: This product may have effects on federally listed threatened or endangered species or their critical habitat in some locations. When using this

to your State or Tribe, consult the agency responsible for pesticide regulations. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific

specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted entry interval, The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard. Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains

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

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: coveralls, chemical resistant gloves greater than 14 mils in thickness composed of materials such as butyl rubber, natural rubber, neoprene rubber, or nitrile rubber, shoes plus socks and protective eyewear.

Non-Agricultural Use Requirements

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

Keep people and pets off treated areas until spray solution has dried.

## 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

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

CONTAINER DISPOSAL: Non-refillable containers. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse or pressure rinse container (or equivalent) promptly after emptying.

seconds after the flow begins to drip. Repeat this procedure two more times. Non-refillable container less than or equal to 5 gallons: Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10

Non-refillable container greater than 5 gallons: Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 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 back and forth several times. Turn the container over onto its other end and tip it back and forth several times application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

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

Refillable container (250 gallon & bulk): Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller.

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

## PRODUCT INFORMATION

It is formulated as a water-soluble liquid. It may be applied through most standard industrial or field sprayers after dilution and thorough mixing with water or other carriers according to label instructions This product is a postemergence, systemic herbicide with no soil residual activity. It is generally non-selective and gives broad-spectrum control of many annual weeds, perennial weeds, woody brush and trees

more. Extremely cool or cloudy weather following treatment may slow activity of this product and delay development of visual symptoms. This product moves through the plant from the point of foliage contact to and into the root system. 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. Effects are visible on most annual weeds within 2 to 4 days, but on most perennial weeds effects may not be visible for 7 days or

Annual weeds are easiest to control when they are small. Best control of most perennial weeds is obtained when treatment is made at late growth stages approaching maturity. Refer to the "ANNUAL WEEDS", "PERENNIAL WEEDS" and "WOODY BRUSH AND TREES RATE SECTIONS" for specific weed recommendations.

Always use the higher product application rate within the specified range when weed growth is heavy or dense or when weeds are growing in an undisturbed (non-cultivated) area

Reduced weed control may result from treating weeds with disease or insect damage, weeds heavily covered with dust, or weeds under poor growing conditions

## **Cultural Considerations**

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

Heavy rainfall soon after application may wash this product off of the foliage and a repeat application may be required for adequate control

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

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

Weeds must be emerged at the time of application to be controlled by this product. Weeds germinating from seed after application will not be controlled. Unemerged plants arising from unattached underground rhizomes or root stocks of perennials will not be affected by this herbicide and will continue to grow.

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

not exceed the maximum allowed. See the "INGREDIENTS" section of this label for necessary product information. pounds of glyphosate (acid equivalents) per acre. If more than one glyphosate-containing product is applied to the same site within the same year, you must ensure that the total use of glyphosate does plication rates apply to this product combined with the use of any and all other herbicides containing the active ingredient glyphosate, whether applied separately or as text mixtures, on a basis of total Annual Maximum Application Rates

The maximum application or use rates stated throughout this product's labeling are given in units of volume (fluid ounces, pints, or quarts) of this product per acre. However, the maximum allowed application or use rates stated throughout this product's labeling are given in units of volume (fluid ounces, pints, or quarts) of this product per acre. However, the maximum allowed application or use rates stated throughout this product's labeling are given in units of volume (fluid ounces, pints, or quarts) of this product per acre. However, the maximum allowed application or use rates stated throughout this product's labeling are given in units of volume (fluid ounces, pints, or quarts) of this product per acre. However, the maximum allowed application or use rates stated throughout this product's labeling are given in units of volume (fluid ounces, pints, or quarts) of this product per acre. However, the maximum allowed application or use rates stated throughout this product's labeling are given in units of volume (fluid ounces, pints, or quarts) of this product per acre. However, the maximum allowed application or use rates are product to the product of the product per acre.

Except as otherwise specified in a crop section of this label, the combined total of all treatments must not exceed 8 quarts of this product (6 pounds of glyphosate acid) per acre per year. For applications in non-crop sites or in tree, vine, or shrub crops, the combined total of all treatments must not exceed 10.6 quarts of this product (8 pounds of glyphosate acid) per acre per year.

AVOID DRIFT. EXTREME CARE MUST BE USED WHEN APPLYING THIS PRODUCT TO PREVENT INJURY TO DESIRABLE PLANTS AND CROPS. AVOID CONTACT OF HERBICIDE WITH FOLIAGE, GREEN STEMS, EXPOSED NON-WOODY ROOTS OR FRUIT OF CROPS, DESIRABLE PLANTS AND TREES, BECAUSE SEVERE INJURY OR DESTRUCTION MAY RESULT.

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) that 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 have other unintended consequences

# WEED RESISTANCE MANAGEMENT

mechanical practices. Glyphosate, the active ingredient in this product, is a Group 9 herbicide based on the mode of action classification system of the Weed Science Society of America. Any weed population may contain plants naturally resistant to Group 9 herbicides. Weed species resistant to Group 9 herbicides may be effectively managed utilizing another herbicide from a different Group or by using other cultural or

# Weed Management Recommendations

To minimize the occurrence of glyphosate-resistant biotypes observe the following weed management recommendations

- Scout your fields before and after herbicide applications
- Start with a clean field, using either a burndown herbicide application or tillage.
- Control weeds early when they are relatively small
- Add other herbicides (e.g. a selective and/or a residual herbicide) and cultural practices (e.g. tillage or crop rotation) where appropriate
- One method for adding other herbicides into a continuous Roundup Ready system is to rotate to other Roundup Ready crops.
   Utilize the specified label rate for the most difficult to control weed in your field. Avoid tank- mixtures with other herbicides that reduce this product's efficacy (through antagonism), or tank mixture recommendations that encourage application rates of this product below the label recommendations.
- Control weed escapes and prevent weeds from setting seeds
- Clean equipment before moving from field to field to minimize the spread of weed seed or plant parts
- Use new commercial seed that is as free of weed seed as possible.
- Report any incidence of repeated non-performance of this product on a particular weed to your county extension agent

# Management Recommendations For Glyphosate Resistant Biotypes

Note: Appropriate testing is critical in order to determine if a weed is resistant to glyphosate. Contact your local county extension agent or visit the following websites www.weedresistancemanagement.com or www.weedscience.org. For more information see the "ANNUAL WEEDS" and "PERENNIAL WEEDS RATE SECTION" of this label.

from the failure of this product to control glyphosate resistant weeds biotypes. Since the occurrence of new glyphosate resistant weeds cannot be determined until after product use and scientific confirmation, Control Solutions, Inc. is not responsible for any losses that may result

- The following good agronomic practices are specified to reduce the spread of confirmed glyphosate resistant biotypes:

  If a naturally occurring resistant biotype is present in your field, this product should be tank-mixed or applied sequentially with an appropriately labeled herbicide with a different mode of action to
- Cultural and mechanical control practices (e.g. crop rotation or tillage) may also be used as appropriate.
- One method for adding other herbicides into a continuous Roundup Ready system is to rotate to other Roundup Ready crops
- Scout treated fields after herbicide applications and control escaping weeds including resistant biotypes before they set seed
- Thoroughly clean equipment before leaving fields known to contain resistant biotypes

### MIXING

Spray solutions of this product should be mixed, stored and applied using only clean stainless steel, aluminum, fiberglass, plastic or plastic-lined steel containers

DO NOT MIX, STORE OR APPLYTHIS PRODUCT OR SPRAY SOLUTIONS OF THIS PRODUCT IN GALVANIZED STEEL OR UNLINED STEEL (EXCEPT STAINLESS STEEL) CONTAINERS OR SPRAY TANKS

Clean sprayer parts immediately after using this product by thoroughly flushing with water Eliminate any risk of siphoning the contents of the tank back into the carrier source while mixing. Use approved anti-back-siphoning devices where required by State or local regulations

NOTE: PRODUCT PERFORMANCE MAY BE SIGNIFICANTLY REDUCED IF WATER CONTAINING SOIL SEDIMENT IS USED AS CARRIER. DO NOT MIX THIS PRODUCT WITH WATER FROM PONDS AND DITCHES

THAT IS VISIBLY MUDDY OR MURKY

This product mixes readily with water. Mix spray solutions of this product as follows: Begin filling the mixing tank or spray tank with clean water. Add the specified amount of this product near the end of the filling process and mix gently. Use caution to avoid siphoning back into the carrier source. During mixing, foaming of the spray solution may occur. To prevent or minimize foaming, mix gently, terminate by-pass and return lines at the bottom of the tank and, if necessary, use an anti-foam or defoaming agent.

action. Read and follow all label directions of all products in the tank mixture. This product does not provide residual weed control. This product may be tank-mixed with other herbicides to provide residual weed control, a broader weed control spectrum or an alternate mode of

labeling, or in separate supplemental labeling for this product. 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 specified in this

unless otherwise noted in this product label, or in separate supplemental labeling Tank mixtures with other herbicides, insecticides, fungicides, micronutrients or foliar fertilizers may result in reduced weed control or crop injury and are NOT specified for applications of this product

is included on the label of the specific product being used in the tank mixture. When a tank mixture with a generic active ingredient, such as diuron, atrazine, 2,4-D or dicamba, is specified in this label, the user is responsible for ensuring that the specific application being made

strictions, soil restrictions, minimum re-cropping interval and rotational guidelines. Use according to the most restrictive label requirements Refer to all individual product labels, supplemental labeling and fact sheets for all products in the tank mixture, and observe all precautions and limitations on the label, including application timing re-

product be applied at a minimum spray volume rate of 10 gallons per acre Always predetermine the compatibility of all tank-mix products together in the carrier by mixing small proportional quantities in advance. For best results, it is specified that tank mixtures with this

## Tank Mixing Procedure

Prepare tank mixtures of this product as follows:

- Piace a 20- to 35-mesh screen or wetting basket over the filling port of the tank.
   Through the screen, fill the tank one-half full with water and start gentle agitation.
   If ammonium sulfate is to be used, add it slowly through the screen into the tank, and continue adding water into the tank through the screen. If dry ammonium sulfate is being used, ensure that it is completely dissolved in the tank before adding other products.
   If a wettable powder is used, make a slurry with the water, and add it SLOWLY through the screen into the tank while continuing gentle agitation.
   If a flowable formulation is used, premix one part flowable with one part water, and add the diluted mixture SLOWLY through the screen into the tank while continuing gentle
- 6. If an emulsifiable concentrate formulation is used, premix one part emulsifiable concentrate with two parts water, and add the diluted mixture slowly through the screen into the tank while continuing

- Continue filling the tank with water through the screen and add the required amount of this product near the end of the filling process.
   If a nonionic surfactant is used, add it to the tank before completing the filling process.
   Add individual formulations to the spray tank as follows: wettable powder, flowable, emulsifiable concentrate, drift control additive, water-soluble liquids (this product) followed by surfactant.

Maintain gentle agitation at all times until the contents of the tank are sprayed out. If the spray mixture is allowed to settle, thorough agitation is required to resuspend the mixture before spraying.

Keep by-pass and return lines on or near the bottom of the tank to minimize foaming. Screen size in nozzle or line strainers should be no finer than 50 mesh

## Mixing for Hand-Held Sprayers

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

			Amount of ERASER A/P			
Desired Volume	0.5%	1%	1.5%	2%	5%	10%
1 gal	0.7 oz	1.3 oz	2 oz	2.7 oz	6.5 oz	13 oz
25 gal	1 pt	1 qt	1.5 qt	2qt	5qt	10 qt
100 gal	2 qt	1 gal	1.5 gal	2 gal	5 gal	10 gal
			2 tablespoons = 1 fluid ounce	CD.		

For use in backpack sprayers, it is specified that the appropriate amount of this product be mixed with water in a larger container and then fill the sprayer with the mixed solution

Nonionic surfactants (NIS) or wetting agents that have at least 70 percent active ingredient and are labeled for use with herbicides may be added to the spray solution, unless otherwise directed. Do not reduce rates of this herbicide when adding surfactants. Read and carefully observe cautionary statements and other information appearing on the additives label.

## Ammonium Sulfate

The addition of 1 to 2 percent dry ammonium sulfate by weight or 8.5 to 17 pounds per 100 gallons of water may increase the performance of this product on annual and perennial weeds, particularly under hard water conditions, drought conditions or when tank mixed with certain residual herbicides. The equivalent rate of ammonium sulfate in a liquid formulation may also be used. Ensure that dry ammonium sulfate is completely dissolved in the spray tank before adding herbicides. Thoroughly rinse the spray system with clean water after use to reduce corrosion

NOTE: When using ammonium sulfate, apply this product at rates specified in this label. Lower rates will result in reduced performance

Colorants or marking dyes may be added to spray solutions of this product; however, they can reduce performance. Use colorants or dyes according to the manufacturer's recommendations

## **Drift Reduction Additives**

and carefully observe the precautions, limitations, and all other information appearing on the additive label. Use of drift reduction additives can affect spray coverage, which can reduce product Drift reduction additives may be used with all equipment types, except wiper applicators, sponge bars and Controlled Droplet Applicator (CDA) equipment. When a drift reduction additive is used, read

# APPLICATION EQUIPMENT AND TECHNIQUES

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

Fixed wing and helicopter.

Ground Broadcast Spray - Boom or boomless systems, pull-type sprayers, floaters, pick-up sprayers, spray coupes and other ground broadcast equipment

to direct the spray onto weed foliage Hand-Held or Backpack Spray Equipment - Backpack sprayers, pump-up pressure sprayers, handguns, handwands, mistblowers\*, lances and other hand-held and motorized spray equipment used

\*This product is not registered in California or Arizona for use in mistblowers.

Selective Equipment – Shielded and hooded sprayers, wiper applicators and sponge bars

**Injection Systems** – Aerial or ground injection sprayers.

Controlled Droplet Applicator (CDA) – Hand-held or boom-mounted applicators that produce a spray consisting of a narrow range of droplet sizes

APPLY THESE SPRAY SOLUTIONS IN PROPERLY MAINTAINED AND CALIBRATED EQUIPMENT CAPABLE OF DELIVERING THE DESIRED VOLUMES

## **Aerial Equipment**

DO NOT APPLY THIS PRODUCT USING AERIAL SPRAY EQUIPMENT EXCEPT UNDER CONDITIONS SPECIFIED IN THIS LABEL

sections of this label for further instructions. All labeled treatments may be made by aerial equipment where appropriate, provided that the applicator complies with the precautions and restrictions specified on this product's labeling. Use the specified rates of this herbicide in 3 to 15 gallons of water per acre unless otherwise specified on this label. Unless otherwise specified, do not exceed 2 quart per acre. Refer to the individual use area

This product, when tank mixed with dicamba, may not be applied by air in California. When tank-mixing this product with 2,4-D, only 2,4-D armine formulations may be used for aerial application in California. Tank mixtures with 2,4-D armine formulations may be applied by air in California for fallow and reduced tillage systems, and for alfalfa and pasture renovation applications only.

Ensure uniform application – to avoid streaked, uneven or overlapped application, use appropriate marking devices

specification MIL-C-38413 may help prevent corrosion. 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. Maintaining an organic coating (paint) that meets aerospace

## **Aerial Spray Drift Management**

The following drift management requirements must be followed to avoid off-target movement during aerial applications to agricultural field crops

- 1. The distance of the outermost nozzles on the boom must not exceed 3/4 the length of the wingspan or rotor.
- 2. Nozzles must always point backward, parallel with the air stream and never be pointed downwards more than 45 degrees. Comply with all State regulations where applicable

## Importance of Droplet Size

Humidity", and "Temperature Inversions"). The most effective way to reduce drift-potential is to apply large droplets. The best drift management strategy is to apply the largest droplets that provide sufficient coverage and control. Applying larger droplets reduces drift potential, but will not prevent drift if applications are made improperly, or under unfavorable environmental conditions (read the following sections on "Wind", "Temperature and

- Volume: Use high flow rate nozzles to apply the highest practical spray volume. Nozzles with the higher rated flows produce larger droplets.
   Pressure: Use the lower spray pressures specified for the nozzle. Higher pressure reduces droplet size and does not improve canopy penetration. When higher flow rates are needed, use higher flow rate nozzles instead of increasing spray pressure.
- Number of nozzles: Use the minimum number of nozzles that will provide uniform coverage.
- Nozzle orientation: Orienting nozzles so that the spray is released backwards, parallel to the airstream, will produce larger droplets than other orientations. Significant deflection from the horizontal will reduce droplet size and increase drift potential.
- nozzles oriented straight back produce larger droplets than other nozzle types Nozzle type: Use a nozzle type that is designed for the intended application. With most nozzle types, narrower spray angles produce larger droplets. Consider using low-drift nozzles. Solid stream
- Boom length: For some use patterns, reducing the effective boom length to less than 3/4 of the wingspan or rotor length may further reduce drift without reducing swath width.
- lowest height that is safe reduces the exposure of the droplets to evaporation and wind Application height: Applications must not be made at a height greater than 10 feet above the top of the largest plants unless a greater height is required for aircraft safety. Making applications at the

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

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

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

## Temperature Inversions

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

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

Avoid direct application to any body of water.

# FOR AERIAL APPLICATION IN CALIFORNIA ONLY

Extreme care must be exercised to avoid contact of spray with foliage, green stems, or fruit of desirable crops, plants, trees, or other desirable vegetation since severe damage or destruction may result.

When applied as directed and under the conditions described in the "Weeds Controlled" section of this label booklet for this product, this herbicide will control or partially control the labeled weeds growing in the following industrial, recreational and public areas, such as airports, ditch banks, dry ditches, dry canals, fencerows, golf courses, highways, industrial plant sites, lumber yards, manufacturing sites, office complexes, parking areas, parks, petroleum tank farms and pumping installations, pipelines, power and telephone rights-of-way, railroads, roadsides (guardrails, shoulders), schools, storage areas, utility substances, warehouse areas and other public sites

TREATMENT IS NOT INTENDED. TO PREVENT INJURY TO ADJACENT DESIRABLE VEGETATION, APPROPRIATE BUFFER ZONES MUST BE MAINTAINED DO NOT APPLY WHEN WINDS ARE GUSTY OR UNDER ANY OTHER CONDITION WHICH WILL ALLOW DRIFT. DRIFT MAY CAUSE DAMAGE TO ANY VEGETATION CONTACTED TO WHICH

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

- Do not apply within 100 feet of all desirable vegetation or crop(s)
- 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)
   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

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

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 and uneven or overlapped application, use appropriate marking devices.

aerospace specification MIL-C-38413 may prevent corrosion. Thoroughly wash aircraft, especially landing gear, after each day of spraying to remove resides 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. Maintaining an organic coating (paint) that meets

# For Aerial Application in Fresno County, California Only

From February 15 through March 31 only. For aerial application outside of these dates, refer to the "FOR AERIAL APPLICATION IN CALIFORNIA ONLY" section printed above

This supplement only applies to the area contained inside the following boundaries within Fresno County, California

Always read and follow the label directions and precautionary statements for all products used in the aerial application

Observe the following directions to minimize off-site movement during aerial application of this herbicide. Minimization of off-site movement is the responsibility of the grower, Pest Control Advisor, and aerial applicator

## Written Recommendations

A written recommendation MUST be submitted by or on behalf of the applicator to the Fresno County Agricultural Commissioner 24 hours prior to the application. This written recommendation MUST state the proximity of surrounding crops, and that conditions of each manufacturer's applicable product label(s) and this label have been satisfied.

# Aerial Applicator Training and Equipment

Aerial Applicator Training and Equipment

Aerial application of this herbicide is limited to pilots who have successfully completed a Fresno County Agricultural Commissioner and California Department of Pesticide Regulation approved training program for aerial application of herbicides. All aircraft must be inspected, critiqued in flight, and certified at a Fresno County Agricultural Commissioner approved fly-in. Test and calibrate training program for aerial application of herbicides. All aircraft must be inspected, critiqued in flight, and certified at a Fresno County Agricultural Commissioner approved fly-in. Test and calibrate training program for aerial applicator must document such calibrations and testing.

Spray equipment at intervals sufficient to insure that proper rates of herbicides and adjuvants are being applied during commercial use. Applicator must document such calibrations and testing. flight and spray parameters acceptable to the Fresno County Agricultural Commissioner.

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

Read the "WARRANTY" section in the label booklet before using this product

# Ground Broadcast Equipment

spray pattern for uniform distribution. Apply the product rates specified in this label in 3 to 40 gallons of water per acre as a broadcast spray unless otherwise specified. As density of weeds increases, spray volume should be increased within the specified range to ensure complete coverage. Carefully select proper nozzles to avoid generating a fine mist. For best results with ground application equipment, use flat spray nozzles. Check

# Hand-Held or Backpack Equipment

Apply to foliage of vegetation to be controlled on a spray-to-wet basis; do not spray to the point of run-off. Spray coverage should be uniform and complete. Use coarse sprays only. For specific rates and timing, refer to the "ANNUAL WEEDS-HAND-HELD OR BACKPACK EQUIPMENT" section of this product label.

ensure adequate spray coverage, spray both sides of large or tall woody brush and trees, when foliage is thick and dense, or where there are multiple sprouts. For low-volume directed spray applications, spray coverage should be uniform with at least 50 percent of the foliage contacted. Coverage of the top one-half of the plant is important for best results. To

## Selective Equipment

In cropping systems, hooded sprayers, shielded sprayers, and wipers may be used in row middles (in between rows of crop plants), and wipers may be used over-the-top of crops only when specified in this product's labeling. Such equipment must be capable of preventing all crop contact with the herbicide solutions and operated without leakage of spray mists or dripping onto crop. This product may be diluted in water and applied through shielded sprayers, hooded sprayers, wiper applicators or sponge bars to weeds growing in any non-crop site specified on this label

# AVOID CONTACT OF HERBICIDE WITH DESIRABLE VEGETATION.

Contact of this product with desirable vegetation may result in unwanted plant damage or destruction. Crop injury may occur when the foliage of treated weeds comes into contact with leaves of the crop. Do not apply this product when crop leaves are growing in direct contact with weeds to be treated. Droplets, mist, foam or splatter of the herbicide solution settling onto desirable vegetation may result in discoloration, stunting or destruction.

Better results may be obtained when more of the weed is exposed to the herbicide solution. Weeds not contacted by the herbicide solution will not be affected. This may occur in dense clumps, severe infestations or when the height of the weeds varies so that not all weeds are contacted. In these instances, repeat treatment may be necessary.

When applied as directed under conditions described for shielded applicators, this product will control those weeds listed in the "ANNUAL WEEDS RATE SECTION" and "PERENNIAL WEEDS RATE SECTION" of this label. Use the following equation to convert from a broadcast rate per acre to a band rate per acre.

Row width in inches	Band width in inches	Row width in inches	Band width in inches	
per acre	Broadcast VOLUME of solution	per acre	Herbicide Broadcast RATE	
ı	I	ı	I	
per acre	Band VOLUME of solution	per acre	Herbicide Band RATE	

these sprayers to protect desirable vegetation. A hooded sprayer is a type of shielded applicator where the spray pattern is fully enclosed including top, sides, front and back, thereby shielding the crop from the spray solution. Adjust the shields on

to reach the ground in deep furrows. EXTREME CARE MUST BE TAKEN TO AVOID CONTACT OF HERBICIDE WITH DESIRABLE VEGETATION. When applying to crops grown on raised beds, ensure that the hood is capable of completely enclosing the spray pattern. If necessary, extend the front and rear flaps of the hooded applicator downward

This equipment must be configured and operated in a manner that minimizes bouncing and avoids raising the hoods up off the ground at any time. If the hood is raised, spray particles may escape and

center of the hood is specified. Spray volume should be 20-30 gallons per acre. Use hoods designed to minimize excessive dripping or run-off down the insides of the hoods. A single, low pressure low-drift flat-fan nozzle with an 80 to 95 degree spray angle positioned at the top come into contact with the crop, causing damage or destruction of the crop. Avoid operating this equipment on rough or sloping terrain where the spray hoods might be raised up off the ground surface.

These procedures will reduce the potential for crop injury:

- Spray hoods must be operated on the ground or skimming across the ground surface.
- Leave at least an 8-inch untreated strip over the drill row. (For example, if the crop row width is 38 inches, the maximum width of the spray hood should be 30 inches.)
   Operate at ground speeds of no greater than 5 miles per hour to avoid bouncing of the spray hoods.
- Apply when wind speeds are 10 miles per hour or less
- Use low-drift nozzles that provide uniform coverage within the treated area.

Crop injury may occur when foliage of treated weeds comes into direct contact with leaves of the crop. Do not apply this product when leaves of the crop are growing in direct contact with weeds to be treated. Droplets, mist, foam or splatter of the herbicide solution settling onto desirable vegetation may result in discoloration, stunting or destruction.

from contacting desirable vegetation. 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

In these instances, repeat treatments may be necessary. Weeds not contacted by the herbicide solution will not be affected. Poor contact may occur when weeds are growing in dense clumps, in severe weed infestations or when weed height varies dramatically Application equipment used over the top of desirable vegetation should be adjusted so that the wiper contact point is at least 2 inches above the desirable vegetation. Better results may be obtained when more of the weed is exposed to the herbicide solution. Weeds should be a minimum of 6 inches above the desirable vegetation. Adjust height of applicator to ensure adequate contact with weeds.

with the herbicide solution. Better results may be obtained when two applications are made in opposite directions. Operate this equipment at ground speeds no greater than 5 miles per hour. Performance may be improved by reducing speed in areas of heavy weed infestations to provide adequate wiper saturation

Droplets, mist, foam or splatter of the herbicide solution settling onto desirable vegetation may result in discoloration, stunting or destruction. Avoid leakage or dripping onto desirable vegetation. Keep wiping surfaces clean. Be aware that on sloping ground the herbicide solution may migrate, causing dripping on the lower end and drying of the wicks on the upper end of the wiper applicator.

Do not use wiper equipment when weeds are wet

product by thoroughly flushing with water. Mix only the amount of this product to be used during a 1-day period, as reduced product performance may result from use of solutions held in storage. Clean wiper parts immediately after using this

Do not add surfactant to the herbicide solution.

For Rope or Sponge Wick Applicators: Use solutions ranging from 33 to 75 percent of this product in water

For Panel Applicators: Use solutions ranging from 33 to 100 percent of this product in water

## Injection Systems

This product may be used in aerial or ground injection spray systems. It may be used as a liquid concentrate or diluted prior to injecting into the spray stream. Do not mix this product with the concentrate of other products for use in injection systems.

## **CDA Equipment**

The rate of this product applied per acre by vehicle-mounted controlled droplet applicator (CDA) equipment must not be less than the amount specified in this label when applied broadcast equipment. For vehicle-mounted CDA equipment, apply in 2 to 15 gallons of water per acre. by conventional

control of perennial weeds, apply a 20 to 40 percent 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) For control of annual weeds with hand-held CDA units, apply a 20 percent 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

damage or destruction of the plant may result. Controlled droplet applicators produce a spray pattern that is not easily visible. Extreme care must be taken to avoid spray or drift onto the foliage or any other green tissue of desirable vegetation, as

# ANNUAL AND PERENNIAL CROPS (Alphabetical)

PREHARVEST INTERVALS, AND ADDITIONAL PRECAUTIONS AND RESTRICTIONS NOTE: THIS SECTION GIVES DIRECTIONS THAT APPLY TO ALL CROPS LISTED ALPHABETICALLY IN THE SECTIONS THAT FOLLOW. SEE THE INDIVIDUAL CROP SECTIONS FOR SPECIFIC INSTRUCTIONS.

See the "ROUNDUP READY CROPS" section of this label or separately published Supplemental Labeling for this product for instructions on treating Roundup Ready crops

## TYPES OF APPLICATIONS:

Chemical Fallow, Preplant Fallow Beds, Preplant, At-Planting, Preemergence, Hooded Sprayers in Row-Middles, Shielded Sprayers in Row-Middles, Wiper Application in Row-Middles, Post-Harvest

limited. For any crop not listed in this label, applications must be made at least 30 days prior to planting. Unless otherwise specified, weed control applications may be made according to the rates listed in the "ANNUAL WEEDS", "PERENNIAL WEEDS", AND WOODY BRUSH AND TREES RATE SECTIONS" in this label. Specific rates of this product that are emphasized in this product's labeling to control tough weeds take precedence over the general rates in the "ANNUAL WEEDS" and "PERENNIAL WEEDS RATE SECTIONS". Repeat applications may be made up to a maximum of 8 quarts of this product per acre per year. Apply this product during fallow intervals preceding planting, prior to planting or transplanting, at-planting, or preemergence to annual and perennial crops listed in this label, except where specifically

Post-directed hooded sprayers and wiper applicators capable of preventing all crop contact with herbicide solutions may be used in mulched or unmulched row middles after crop establishment. Where specifically noted in the individual crop sections that follow, wipers may also be used above certain crops to control tall weeds. Refer to the "SELECTIVE EQUIPMENT" section of this label for essential precautions regarding crop injury. Crop injury is possible with these applications and shall be the sole responsibility of the applicator.

"AERIAL EQUIPMENT" section of this label for additional information. All labeled treatments may be made by aerial equipment where appropriate, provided that the applicator complies with the precautions and restrictions specified in this product's labeling. Refer to the

## PRECAUTIONS, RESTRICTIONS:

When making at-planting and preemergence applications, applications must be made before crop emergence to avoid severe crop injury. Broadcast applications made at emergence will result in injury or death of emerged seedlings. Apply before seed germination in coarse sandy soils to further minimize the risk of injury. Unless otherwise specified in this product's labeling, treatments with selective equipment including wipers and hooded sprayers must be made at least 14 days prior to harvest. Post-harvest or fallow applications must be made at least 30 days prior to planting any crops not listed on this label. See "APPLICATION EQUIPMENT AND TECHNIQUES" section of this label for additional information. Avoid contact of this herbicide with foliage, green shoots or stems, bark, exposed roots (including those emerging from plastic mulch), or fruit of crops as severe crop injury or destruction may result

outside the target area in order to avoid unwanted crop destruction. In crops where spot treatments are allowed, do not treat more than 10 percent of the total field to be harvested. Crop sprayed in treated area will be killed. Take care not to spray or allow spray to drift

For broadcast postemergence treatments, do not harvest or feed treated vegetation for 8 weeks following application, unless otherwise specified

## **Cereal and Grain Crops**

LABELED CROPS: Barley, Buckwheat, Millet (pearl, proso), Oats, Rice, Rye, Quinoa, Teff, Teosinte, Triticale, Wheat (all types), and Wild rice

PRECAUTIONS, RESTRICTIONS: Do not treat rice fields or levees when flooded.

TYPES OF APPLICATIONS: Those listed in "ANNUAL AND PERENNIAL CROPS" section of this label plus the following: Red Rice Control Prior to Planting Rice, Spot Treatment (Except Rice), Over-The-Top Wiper Application (Feed Barley and Wheat only), Preharvest (Wheat And Feed Barley Only).

USE INSTRUCTIONS: This product may be applied before, during or after planting of cereal crops. Applications must be made prior to crop emergence

TANK MIXTURES: In wheat, a tank mix with Aim may be used

Red Rice Control Prior to Planting Rice USE INSTRUCTIONS: Apply 1.5 quarts of the Control of the 5 quarts of this product in 5 to 10 gallons of water per acre. Flush fields prior to application to obtain uniform germination and stand of red rice. Make application when the are at the 2-leaf stage and no more than 4 inches tall. Red rice plants with less than 2 true leaves may be only partially controlled.

fields for 8 days following application. PRECAUTIONS, RESTRICTIONS: Avoid spraying during conditions of low humidity, as reduced control may result. Do not treat rice fields or levees when the fields contain floodwater. Do not flood treated

## Spot ireatment (Except Rice)

USE INSTRUCTIONS: This product may be applied as a spot treatment in cereal crops. Apply this product before heading in small grains

target area to avoid unwanted crop destruction. PRECAUTIONS, RESTRICTIONS: Do not treat more than 10 percent of the total field area to be harvested. Crop sprayed in treated area will be killed. Take care not to spray or to allow spray to drift outside

# Over-the-Top Wiper Application (Feed Barley and Wheat only)

USE INSTRUCTIONS: Wiper applications may be used in wheat and feed barley. To control common rye or cereal rye, apply after the weeds have headed and achieved maximum growth

etation may result in discoloration, stunting or destruction. PRECAUTIONS, RESTRICTIONS: Allow at least 35 days between application and harvest. Do not use roller applicators. Droplets, mist, foam or splatter of the herbicide solution settling onto desirable veg-

# Preharvest (Feed Barley And Wheat Only)

USE INSTRUCTIONS: This product provides weed control when applied prior to harvest of feed barley or wheat. For wheat, apply after the hard-dough stage of grain (30 percent or less grain moisture) For feed barley, apply after the hard-dough stage and when the grain contains 20 percent moisture or less. Stubble may be grazed immediately after harvest.

For ground applications, 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

wheat grown for seed, as a reduction in germination or vigor may occur. PRECAUTIONS, RESTRICTIONS: Do not apply more than 1 quart of this product per acre. Allow 7 days between application and harvest or grazing. Preharvest application is not specified for barley or

### ost-Harves

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

or feeding of treated vegetation. PRECAUTIONS, RESTRICTIONS: For any crop not listed on this label, applications must be made at least 30 days prior to planting the next crop. Allow a minimum of 7 days between treatment and harvest

### Corn

TYPES OF CORN: Field corn, Seed corn, Silage corn, Sweet corn and Popcorn.

TYPES OF APPLICATIONS: Those listed in "ANNUAL AND PERENNIAL CROPS" section of this label plus the following: Spot Treatment, Preharvest

Use directions for corn containing the Roundup Ready gene are in the "ROUNDUP READY CROPS" section of this label

# USE INSTRUCTIONS: This product may be applied alone or in a tank-mixture before, during or after planting corn. Applications must be made prior to crop emergence

Preplant, At-Planting, Preemergence

TANK MIXTURES: This product may be tank-mixed with the following products to provide residual weed control, a broader weed control spectrum or an alternate mode of action. Ensure that the specific product is registered for application prior to planting corn. Apply these tank mixtures in 10 to 20 gallons of water or 10 to 60 gallons of nitrogen solution per acre.

Bullet® Axiom™ Bicep II Magnum Bicep Magnum Banvel™/Clarity™ Balance™ / Balance PRO Atrazine Lariat® Hornet Harness® Fultime™ Epic™ Distinct™ Guardsman<sup>TM</sup>/Guardsman MAX Frontier<sup>TM</sup>/Outlook<sup>TM</sup> Dual II Magnum Dual Magnum™ Harness Xtra 5.61 Harness Xtra Micro-Tech® Prowl<sup>TM</sup> Topnotch<sup>™</sup> Resource® Surpass Python<sup>™</sup> Simazine Marksman Keystone LA Linex<sup>TM</sup>/Lorox<sup>TM</sup> \_eadoff™

For tough-to-control annual weeds such as fall panicum, barnyardgrass, crabgrass, shattercane and broadleaf signalgrass up to 2 inches tall, and Pennsylvania smartweed up to 6 inches tall, apply this product at 2 pints per acre in these tank mixtures. For other labeled annual weeds, apply 1.5 to 2 pints of this product per acre when weeds are less than 6 inches tall, and 2 to 3 pints per acre when weeds are over 6 inches tall. When using nitrogen solutions as the carrier, use rate may need to be increased for acceptable weed control.

PRECAUTIONS, RESTRICTIONS: Applications of 2,4-D or dicamba must be made at least 7 days prior to planting corn. For more information see the "TANK MIXTURES" and "TANK MIXING PROCEDURES"

covered by this recommendation includes Illinois and Indiana south of Route 50, and the following states: Alabama, Arkansas, Delaware, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, New Jersey, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia and West Virginia. For Southern states, do not apply in nitrogen solutions to tough-to-control grasses such as barnyardgrass, fall panicum, broadleaf signalgrass, annual ryegrass and any perennial weeds. The area

### Hooded Sprayers

USE INSTRUCTIONS: This product may be applied with hooded sprayers for weed control between rows of corn. Only hooded sprayers that completely enclose the spray pattern may be used. additional instructions for the use of hooded sprayers in the "APPLICATION EQUIPMENT AND TECHNIQUES" section of this label.

cause damage. Such damage shall be the sole responsibility of the applicator. Do not apply more than 1 quart of this product per acre for each application and no more than 3 quarts per acre per year PRECAUTIONS, RESTRICTIONS: Corn must be at least 12 inches tall, measured without extending leaves. Contact of this product in any manner to any vegetation to which treatment is not intended may

Spot Treatment
USE INSTRUCTIONS: This product may be applied as a spot treatment prior to silting of corn.

outside target area to avoid unwanted crop destruction. PRECAUTIONS, RESTRICTIONS: Do not treat more than 10 percent of the total field area to be harvested. Crop sprayed in the treated area will be killed. Take care not to spray or to allow spray to drift

USE INSTRUCTIONS: Make applications at 35 percent grain moisture or less. Ensure that maximum kernel fill is complete and the corn is physiologically mature (black layer formed), applications, apply up to 3 quarts of this product per acre. For aerial applications, apply up to 2 quarts of this product per acre. For ground

PRECAUTIONS, RESTRICTIONS: Allow a minimum of 7 days between application and harvest Preharvest application is not allowed for com grown for seed, as a reduction in germination or vigor may occur.

### Post-Harvest

2,4-D or dicamba may be used 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

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

TYPES OF APPLICATIONS: Those listed in "ANNUAL AND PERENNIAL CROPS" section of this label plus the following: Selective equipment, Spot treatment, Preharvest

Use directions for cotton containing the Roundup Ready gene are in the "ROUNDUP READY CROPS" section of this label

## Preplant, At-Planting, Preemergence

USE INSTRUCTIONS: This product may be applied before, during or after planting cotton. Applications must be made prior to crop emergence

in 10 to 20 gallons of water per acre. TANK MIXTURES: This product may be tank-mixed with the following products provided that the specific product being used is registered for application prior to planting cotton. Apply these tank mixtures

Command Meturon® Dual II Magnum Dual Magnum™ Zorial® Stalwart Staple® Prowl H20

PRECAUTIONS, RESTRICTIONS: For more information see the "TANK MIXTURES" and "TANK MIXING PROCEDURES" sections of this label

Selective Equipment
USE INSTRUCTIONS: This product may be applied through hooded sprayers, shielded sprayers or wiper applicators in cotton. Additional instructions on the use of selective equipment are "APPLICATION EQUIPMENT AND TECHNIQUES" section of this label. found in the

PRECAUTIONS, RESTRICTIONS: Allow at least 7 days between application and harvest

### Spot Treatment

USE INSTRUCTIONS: This product may be applied as a spot treatment in cotton prior to boll opening.

PRECAUTIONS, RESTRICTIONS: Do not treat more than 10 percent of the total field area to be harvested. Crop sprayed in the treated area will be killed. Take care not to spray or to allow spray to drift outside target area to avoid unwanted crop destruction.

### Preharvest

USE INSTRUCTIONS: This product provides weed control and cotton regrowth inhibition when applied prior to harvest of cotton. For weed control, apply at rates given in the "ANNUAL WEEDS", and "PERENNIAL WEEDS RATE SECTIONS" of this label. For cotton regrowth inhibition, apply 1 pint to 2 quarts of this product per acre.

Up to 2 quarts of this product may be applied after sufficient bolls have developed to produce the desired yield of cotton. Applications made prior to this time could affect maximum yield potential

TANK MIXTURES: This product may be tank mixed with DEFT<sup>TM</sup> 6, Folex<sup>TM</sup>, Ginstar, or Prep<sup>TM</sup> to provide additional enhancement of cotton leaf drop

PRECAUTIONS, RESTRICTIONS: Allow a minimum of 7 days between application and harvest of cotton. Preharvest application is not allowed for cotton grown for seed, as a reduction in germination or vigor may occur. THE USE OF ADDITIVES FOR PREHARVEST APPLICATION OF THIS PRODUCT TO COTTON IS PROHIBITED. For more information, see the "TANK MIXTURES" and "TANK MIXING PROCEDURES" sections of this label.

### Fallow Systems

prior to planting. LABELED CROPS: This product may be applied during the fallow period prior to planting or emergence of any crop listed on this label; for non-listed crops, applications must be made at least 30 days

TYPES OF APPLICATIONS: Chemical Fallow, Preplant Fallow Beds, Aid-to-Tillage

### Chemical Fallow

sites where there is sufficient buffer to prevent injury due to drift onto adjacent crops. USE INSTRUCTIONS: This product may be used as a substitute for tillage to control annual weeds in fallow fields. Also, broadcast or spot treatments will control or suppress many perennial weeds in fallow fields. Tank mixtures of this product with 2,4-D and dicamba may be used for a broader, weed control spectrum. Applications up to 2 quarts per acre may be made by aerial application onto fallow

in tank mixtures. Some crop injury may occur if dicamba is applied within 45 days of planting. PRECAUTIONS, RESTRICTIONS: Do not apply dicamba tank mixtures by air in California. Refer to the specific product labels for crop rotation restrictions and cautionary statements of all products used

USE INSTRUCTIONS: This product will control weeds listed in the "ANNUAL WEEDS", "PERENNIAL WEEDS" and "WOODY BRUSH AND TREES RATE SECTIONS" of this label prior to planting

cheeseweed, chickweed, groundsel; 6"-London rocket, shepherdspurse TANK MIXTURES: Use 12 fluid ounces of this product, plus 2 to 3 fluid ounces of Goal<sup>TM</sup> 2XL, per acre to control the following weeds up to the maximum height, diameter or length indicated: 3"-common

Use 16 fluid ounces of this product, plus 2 to 3 fluid ounces of Goal 2XL, per acre to control the following weeds up to the maximum height, diameter or length indicated: 6"-common cheeseweed, groundsel, marestail (Conyza canadensis), 12"-chickweed, London rocket, shepherdspurse

after treatment and before regrowth occurs. Allow at least 1 day after application before tillage. USE INSTRUCTIONS: This product may be used in conjunction with tillage practices in fallow systems or preplant to labeled crops to control downy brome, cheat, volunteer wheat, tansy mustard and foxtail. Apply 12 fluid ounces of this product in 3 to 10 gallons of water per acre before weeds are 6 inches in height. Application must be followed by conventional tillage practices no later than 15 days

PRECAUTIONS, RESTRICTIONS: Tank mixtures with residual herbicides may result in reduced product performance.

Grain Sorghum (Milo)

TYPES OF APPLICATIONS: Those listed in "ANNUAL AND PERENNIAL CROPS" section of this label plus the following: Spot Treatment, Over-the-Top Wiper Application, Preharvest

Preplant, At-Planting, Preemergence
USE INSTRUCTIONS: This product may be applied alone or in tank-mixture before, during or after planting grain sorghum. Applications must be made prior to crop emergence.

TANK MIXTURES: Apply these tank mixtures in 10 to 20 gallons of water or 10 to 60 gallons of nitrogen solution per acre, provided that the specific product being used is labeled for application prior to planting grain sorghum.

Bicep II Magnum Atrazine

Dual II Magnum Bul Micro-Tech

For tough-to-control annual weeds such as fall panicum, barnyardgrass, crabgrass, shattercane and broadleaf signalgrass up to 2 inches tall, and Pennsylvania smartweed up to 6 inches tall, apply a tank mixture of this product at 2 pints per acre plus the products listed above. For more information see the "TANK MIXTURES" and "TANK MIXING PROCEDURES" sections of this label.

solutions as the carrier, the use rate may need to be increased for acceptable weed control. For other labeled annual weeds, apply 1.5 to 2 pints of this product per acre when weeds are less than 6 inches tall, and 2 to 3 pints per acre when weeds are over 6 inches tall. When using nitrogen

# Spot Treatment, Over-the-Top Wiper Application

USE INSTRUCTIONS: This product may be applied as a spot treatment in grain sorghum before heading. This product may be applied with wiper applicators to control or suppress tall weeds. For additional instructions, see "Wiper Applicators" in the "SELECTIVE EQUIPMENT" section of this label.

Do not ensile treated vegetation. PRECAUTIONS, RESTRICTIONS: For spot treatment, do not treat more than 10 percent of the total field area to be harvested. Crop sprayed in treated area will be killed. Take care not to spray or to allow spray to drift outside target area to avoid unwanted crop destruction. Allow at least 40 days between wiper application and harvest. Do not use roller applicators. Do not feed or graze treated milo fodder.

## Hooded Sprayers

USE INSTRUCTIONS: This product may be applied with hooded sprayers for weed control between the rows of milo. Only hooded sprayers that completely enclose the spray pattern may be used. See additional instruction for the use of hooded sprayers in the "APPLICATION EQUIPMENT AND TECHNIQUES" section of this label.

sprayer applications. graze or feed milo forage or fodder following hooded sprayer applications. Do not apply more than 1 quart of this product per acre per application and no more than 3 quarts per acre per year for hooded PRECAUTIONS, RESTRICTIONS: Milo must be at least 12 inches tall, measured without extending leaves. Treat before milo sends tillers between the drill rows. If tillers are sprayed, the main plant may be damaged or destroyed. Contact of this product in any manner to any vegetation to which treatment is not intended may cause damage, which shall be the sole responsibility of the applicator. Do not

### Preharvest

USE INSTRUCTIONS: This product may be applied for weed control prior to harvest after sorghum grain has reached 30 percent grain moisture or less

reduction in germination or vigor may occur. The use of this product for preharvest grain sorghum (milo) is not registered in California infected with charcoal rot as lodging can occur. Allow a minimum of 7 days between application and harvest of grain sorghum. Preharvest application is not specified for sorghum grown for seed, as a PRECAUTIONS, RESTRICTIONS: Do not apply more than 2 quarts of this product per acre. As with other herbicides that cause sudden plant death, avoid preharvest applications of this product to mile

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

This product may be applied to grain sorghum (milo) stubble following harvest to suppress or control regrowth. Apply 1 quart of this product per acre for control, or 1.5 pints of this product per acre for

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

## Herbs and Spices

LABELED CROPS: Allspice, Angelica, Star anise, Annatto (seed), Balm, Basil, Borage, Burnet, Camomile, Caper buds, Caraway, Black caraway, Cardamom, Cassia bark, Cassia buds, Cathip, Celery seed, Chervil (dried), Chive, Chinese chive, Cinnamon, Clary, Clove buds, Coriander leaf (cilantro or Chinese parsley), Coriander seed (cilantro), Costmary, Culantro (leaf), Culantro (seed), Cumin, Curry (leaf), Dill (seed), Epazote, Fennel seed (common and Florence), Fenugreek, White ginger flower, Grains of paradise, Horehound, Hyssop, Juniper be, Lavender, Lemongrass, Lovage (leaf and Perilla, Poppy (seed), Rosemary, Rue, Saffron, Sage, Savory (summer and winter), Spearmint, Stevia leaves, Sweet bay, Tanrsy, Tarragon, Thyme, Vanilla, Wintergreen, Woodruff, Wormwood seed), Mace, Marigold, Marjoram (including oregano), Mexican oregano, Mioga flower, Mustard (seed), Nasturtium, Nutmeg, Parsley (dried), Pennyroyal, Pepper (black and white), Pepper leaves, Peppermint

TYPES OF APPLICATIONS: Those listed in "ANNUAL AND PERENNIAL CROPS" section of this label plus the following: Over-the-Top Wiper Application (Peppermint and Spearmint Only), Spot Treatment

washwater flushes off the plastic mulch and does not enter transplant holes. Applications made at emergence will result in injury or death to emerged seedlings PRECAUTIONS, RESTRICTIONS: This product could cause crop injury. When applying this product prior to transplanting or direct-seeding crops into plastic mulch, care must be taken to remove product residues from the plastic prior to planting. Residual product can be removed by a single 0.5-inch application of water, either by natural rainfall or by irrigation. Care should be taken to ensure that the

# Over-the-Top Wiper Application, Spot Treatment (Peppermint and Spearmint only)

solution to a limited area. to-wet basis with hand-held equipment, such as backpack sprayers, pump-up pressure sprayers, hand-guns, hand-wands or any other hand-held or motorized spray equipment used to direct the spray USE INSTRUCTIONS: This product may be applied as a spot treatment or over the top of peppermint or spearmint with wiper applicators in spearmint and peppermint. Apply spot treatments on a spray-

avoid unwanted crop destruction. For wiper applications, contact of the herbicide solution with the crop may result in discoloration, stunting, or destruction. PRECAUTIONS, RESTRICTIONS: Allow at least 7 days between application and harvest. Further applications may be made in the same area at 30-day intervals. In spot treatment applications, no more than 10 percent of the total field area to be harvested should be treated at one time. Crop sprayed in treated area will be killed. Take care not to spray or allow spray to drift outside the target area to

## Oil Seed Crops

LABELED CROPS: Borage, Buffalo gourd (seed), Canola, Crambe, Flax, Jojoba, Lesquerella, Meadowfoam, Mustard (seed), Rape, Safflower, Sesame, Sunflower

Use directions for canola containing the Roundup Ready gene, are in the "ROUNDUP READY CROPS" section of this label

TYPES OF APPLICATIONS: Those listed in "ANNUAL AND PERENNIAL CROPS" section of this label.

USE INSTRUCTIONS: This product may be applied before, during or after planting oil seed crops listed in this section. Broadcast applications must be made prior to crop emergence. Wiper applicators or hooded sprayers may be used between the rows once the crop is established. See additional instructions of the use of selective equipment in the "APPLICATION EQUIPMENT AND TECHNIQUES" section of this label

TANK MIXTURES: For sunflowers, a tank mixture with Prowl may be applied before, during or after planting into conventionally tilled soil, a cover crop, established sod or previous crop residue

preplant or preemergence application per year. Do not feed or graze sunflower forage following application of this product. PRECAUTIONS, RESTRICTIONS: For use with canola, do not apply more than 2 quarts of this product per acre. For use with sunflowers, do not apply more than 1 quart of this product per acre as a single

### Soybeans

TYPES OF APPLICATIONS: Those listed in "ANNUAL AND PERENNIAL CROPS" section of this label plus the following: Spot Treatment

## Preharvest, Selective Equipment Use directions for southeans containing

Preplant, At-Planting, Preemergence

Use directions for soybeans containing the Roundup Ready gene are in the "ROUNDUP READY CROPS" section of this label

water per acre. being used in the tank mixture is registered for application prior to planting soybean, and follow all label directions of all products in the tank mixture. Apply these tank mixtures in 10 to 20 gallons of USE INSTRUCTIONS: This product may be applied alone or in a tank-mixture before, during or after planting soybeans. Applications must be made prior to crop emergence. TANK MIXTURES: This product may be tank-mixed with the following products to provide residual weed control, a broader spectrum, or an alternate mode of action. Ensure that the specific product

Command<sup>TM</sup> Command Xtra<sup>TM</sup> Boundary<sup>TM</sup> Canopy<sup>TM</sup> Canopy EX<sup>™</sup> Blanket Authority™ Aim™ Classic Axiom 2,4-D Assure  $\mathbb{I}^{TM}$ Lorox/Linuron Lorox Plus™ Gauntlet™ Flexstar™ Linex™ IntRRo Fusion<sup>™</sup> Firstrate<sup>™</sup> Gangster Frontier™/Outlook™ Dual II Magnum Dual Magnum Squadron<sup>TM</sup> Steel<sup>TM</sup> Valor™  $Reflex^{TM}$ Pursuit™ Scepter<sup>™</sup> Python Prow Sencor<sup>TM</sup>/Lexone<sup>TM</sup> Resource<sup>™</sup> Pursuit Plus Micro-Tech

For tough-to-control annual weeds such as fall panicum, barnyardgrass, crabgrass, shattercane and broadleaf signalgrass up to 2 inches tall, and Pennsylvania smartweed up to 6 inches tall, apply this product at 2 pints per acre in these tank mixtures. For other labeled annual weeds, apply 1.5 to 2 pints of this product per acre when weeds are less than 6 inches tall, and 2 to 3 pints per acre when weeds are over 6 inches tall. For more information, see the "TANK MIXTURES" and "TANK MIXING PROCEDURES" sections of this label.

### Spot Treatment

USE INSTRUCTIONS: This product may be applied as a spot treatment prior to initial pod set in soybeans.

PRECAUTIONS, RESTRICTIONS: Do not treat more than 10 percent of the total field area to be harvested. Crop sprayed in treated area will be killed. Take care not to spray or allow spray to drift outside the target area to avoid unwanted crop destruction.

### Preharvest

and "PERENNIAL WEEDS RATE SECTION". Care should be taken to avoid excessive seed shatter loss due to ground application equipment. USE INSTRUCTIONS: This product may be applied for weed control prior to harvest of soybeans after pods have set and lost all green color. Apply at rates given in the "ANNUAL WEEDSRATE SECTION"

may occur. acre or lower, the grazing restriction is reduced to 14 days after last preharvest application.) Preharvest application is not specified for soybeans grown for seed, as a reduction in germination or vigor PRECAUTIONS, RESTRICTIONS: Do not apply more than 5 quarts of this product per acre for preharvest applications. Do not apply more than 2 quarts of this product per acre by air. Allow a minimum of 7 days between application and harvest of soybeans. Do not graze or harvest treated hay or fodder for livestock feed within 25 days of last preharvest application. (If the application rate is 1 quart per

## Selective Equipment

USE INSTRUCTIONS: This product may be applied through shielded or hooded sprayers, wiper applicators or sponge bars in soybeans. Additional instructions on the use of selective equipment are found in the "APPLICATION EQUIPMENT AND TECHNIQUES" section of this label.

PRECAUTIONS, RESTRICTIONS: Allow at least 7 days between application and harvest.

TYPES OF APPLICATIONS: Those listed in "ANNUAL AND PERENNIAL CROPS" section of this label plus Spot Treatment, Sugarcane Ripening. Preplant, At-Planting, Preemergence

USE INSTRUCTIONS: This product may be applied in or around sugarcane fields, or in fields prior to the emergence of plant cane.

PRECAUTIONS, RESTRICTIONS: Do not apply to vegetation in or around ditches, canals or ponds containing water to be used for irrigation

USE INSTRUCTIONS: This product may be applied as a spot treatment in sugarcane. For control of volunteer or diseased sugarcane, apply a 1-percent solution of this product in water using a spray-to-wet technique. Volunteer or diseased sugarcane should have at least 7 new leaves.

PRECAUTIONS, RESTRICTIONS: Avoid spray contact with healthy sugarcane plants since severe damage or destruction may result. Do not feed or graze treated sugarcane foliage following application

## Fallow Treatments

USE INSTRUCTIONS: This product may be used as a replacement for tillage in fields that are lying fallow between sugarcane crops. This product may also be used to remove the last stubble of ratoon cane. For removal of last stubble of 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 new leaves. Allow 7 or more days after application before tillage. Applications up to 3 quarts per acre may be made by aerial application in fallow sites where there is sufficient buffer to prevent drift onto adjacent crops. Tank mixtures with 2,4-D and dicamba may be used.

for additional use instructions. USE INSTRUCTIONS: This product may be applied using hooded sprayers for weed control between the rows of sugarcane. See the "APPLICATION EQUIPMENT AND TECHNIQUES" section of this label

PRECAUTIONS, RESTRICTIONS: Crop injury may occur when the foliage of treated weeds contact the crop. Do not apply this product when crop leaves are growing in direct contact with weeds to be treated. Droplets, mist, foam or splatter of the herbicide solution settling on the crop may result in discoloration, stunting or destruction. Such damage shall be the sole responsibility of the applicator.

Sugarcane Ripening
USE INSTRUCTIONS: This product may be applied to foliage as a plant growth regulator to hasten ripening and increase the level of sucrose in sugarcane. It is effective in both low and high-tonnage

When applied as directed under the conditions described, this product will hasten ripening and extend the period of high sucrose level in sugarcane

As a result of leaf desiccation, improved trash burn can be expected

Most of the sucrose increase is concentrated in the top nodes of the treated sugarcane stalk. In order to maximize sugar where topping is practiced during harvest, top at the base of the fourth leaf

Use the following application rates and timing instructions according to the State in which the sugarcane is grown.

NOTE: Use the higher rate within the specified range when treating sugarcane under adverse ripening conditions or when less responsive varieties are to be treated

FLORIDA - Apply 7 to 16 fluid ounces of this product per acre 3 to 5 weeks before harvest of LAST RATOON CANE ONLY

HAWAII – Apply 12 to 28 fluid ounces of this product per acre 4 to 10 weeks before harvest.

LOUISIANA – Apply 5 to 16 fluid ounces of this product per acre 3 to 7 weeks before harvest of RATOON CANE ONLY.

PUERTO RICO -Apply 7 fluid ounces of this product per acre 3 to 5 weeks before harvest of RATOON CANE ONLY

TEXAS - Apply 7 to 16 fluid ounces of this product per acre 3 to 5 weeks before harvest of RATOON CANE ONLY.

PRECAUTIONS, RESTRICTIONS: Prior to application, consult your state sugarcane authority regarding the degree of sucrose response anticipated from the variety of sugarcane to be treated

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

Rainfall within 6 hours after application may reduce effectiveness.

Application is not specified for sugarcane grown for seed, as a reduction in germination or vigor may occur.

Do not feed or graze treated sugarcane forage following application. Do not plant subsequent crops in treated fields other than the following for 30 days after application: alfalfa or other forage legumes beans (all types), corn (all types), cotton, melons (all types), pasture grasses, peanuts, potatoes (Irish or sweet), sorghum (milo), soybeans, squash (all types) or wheat.

Do not apply for enhanced ripening to any crops other than sugarcane

**Vegetable Crops**NOTE: THIS "VEGETABLE CROPS" SECTION GIVES DIRECTIONS THAT APPLY TO ALL VEGETABLE CROPS LISTED ALPHABETICALLY IN THIS SECTIONS THAT FOLLOW. SEE THE INDIVIDUAL CROP CATEGORIES FOR SPECIFIC INSTRUCTIONS, PREHARVEST INTERVALS, PRECAUTIONS AND RESTRICTIONS.

Beans, Peas, Lentils, and Chickpeas only). TYPES OF APPLICATIONS: Chemical Fallow, Preplant Fallow Beds, Preplant, At-Planting, Preemergence, Prior to Transplanting Vegetables, Hooded Sprayers in Row-Middles, Shielded Sprayers in Row-Wiper Application in Row-Middles, Post-Harvest, Selective Equipment Applications (Nonbearing Ginseng), Over-the-Top Wiper Application (Rutabagas only), Spot Treatment or Preharvest (Dry

PRECAUTIONS, RESTRICTIONS: This product could cause crop injury. When applying this product prior to transplanting or direct-seeding crops into plastic mulch, care must be taken to remove product residues from the plastic prior to planting. Residual product can be removed by a single 0.5-inch application of water, either by natural rainfall or by irrigation. Care should be taken to ensure that the washwater flushes off the plastic mulch and does not enter transplant holes. Applications made at emergence will result in injury or death to emerged seedlings.

When making preemergence and at planting applications, applications must be made before crop emergence to avoid severe crop injury. Apply before seed germination in coarse sandy soils to further minimize the risk of crop injury. In crops with vines, hooded sprayer, shielded sprayer and wiper applications to row middles should be made prior to vine development otherwise severe injury or destruction may result. Unless otherwise specified in this product's labeling, treatments with selective equipment including wipers and hooded sprayers must be made at least 14 days prior to harvest. Post-Harvest or fallow applications must be made at least 30 days prior to planting any non-labeled crop. See "APPLICATION EQUIPMENT AND TECHNIQUES" section of this label for additional information Avoid contact of herbicide with foliage, green shoots or stems, bark, exposed roots (including those emerging from plastic mulch), or fruit of crops because severe crop injury or destruction may result

LABELED CROPS: Broccoli, Chinese broccoli (gai Ion), Broccoli raab (rapini), Brussels sprouts, Cabbage, Chinese cabbage (bok choy), Chinese cabbage (napa), Chinese mustard cabbage (gai choy), Cauliflower, Cavalo broccolo, Collards, Kale, Kohlrabi, Mizuna, Mustard greens, Mustard spinach, Rape greens.

LABELED CROPS: Garlic, Great-headed garlic, Leek, Onion (dry bulb and green), Welsh onion, Shallot

## **Cucurbit Vegetables and Fruits**

mordica spp (includes balsam apple, balsam pear, bittermelon, Chinese cucumber), Muskmelon (includes cantaloupe, casaba, crenshaw melon, golden pershaw melon, honeydew melon, honey ball melon, mango melon, Persian melon, pineapple melon, Santa Claus melon, snake melon), Pumpkin, Summer squash (includes crookneck squash, scallop squash, straightneck squash, vegetable marrow, zucchini), Winter squash (includes butternut squash, calabaza, hubbard squash, acorn squash, spaghetti squash), Watermelon. LABELED CROPS: Chayote (fruit), Chinese waxgourd (Chinese preserving melon), Citron melon, Cucumber, Gherkin, Edible gourd (includes hyotan, cucuzza, hechima, Chinese okra), Melons (all), Mo-

melon, Pumpkin, Squash (summer, winter), and Watermelon, allow at least 3 days between application and planting PRECAUTIONS, RESTRICTIONS: For Cantaloupe, Casaba melon, Crenshaw melon, Cucumber, Gherkin, Gourds, Honeydew melon, Honey ball melon, Mango melon, Melons (all), Muskmelon, Persian

Radicchio (red chicory), Rhubarb, Spinach, New Zealand spinach, Vine spinach, Swiss chard, Watercress (upland), Water spinach. Corn salad, Cress (garden and upland), Dandelion, Dock (sorrel), Dokudami, Endive (escarole), Florence fennel, Gow kee, Lettuce (head and leaf), Orach, Parsley, Purslane (garden and winter) LABELED CROPS: Amaranth (Chinese spinach), Arugula (roquette), Beet greens, Cardoon, Celery, Chinese celery, Celtuce, Chaya, Chervil, Edible-leaved chrysanthemum, Garland chrysanthemum

PRECAUTIONS, RESTRICTIONS: For Watercress, avoid applications within 3 days prior to seeding and during the period between seeding and emergence to minimize the risk of crop injury.

LABELED CROPS: Eggplant, Groundcherry (Physalis spp), Pepino, Pepper (includes bell pepper, chili pepper, cooking pepper, pimento, sweet pepper), Tomatillo, Tomato

PRECAUTIONS, RESTRICTIONS: For Eggplant, Ground cherry, Pepper (all), and Tomatillo, allow at least 3 days between application and planting. For Tomato and tomatillos grown on sandy soil, do not make hooded, shielded sprayer or wiper applications in row middles because of potential for crop injury.

## Legume Vegetables (Succulent or Dried)

LABELED CROPS: Bean (Lupines: includes grain lupin, sweet lupin, white lupin, and white sweet lupin), Bean (Phaseolus: includes field bean, kidney bean, lima bean, navy bean, pinto bean, runner bean, snap bean, tepary bean, wax bean), Bean (Vizna: includes adzuki bean, asparagus bean, blackeyed pea, catjang, Chinese longbean, cowpea, crowder pea, moth bean, mung bean, rice bean southern pea, urd bean, yardlong bean), Broad bean (fava), Chickpea (garbanzo), Guar, Jackbean, Lablab bean, Lentil, Pea (Pisum: includes dwarf pea, edible-podded pea, English pea, field pea. garden pea, green pea, snowpea, sugar snap pea), Pigeon pea, Soybean (immature seed), Sword bean.

# Spot Treatment, or Preharvest (Dry Beans, Peas, Lentils and Chickpeas only

USE INSTRUCTIONS: This product may be applied as an over-the-top broadcast spray or as a spot treatment to control labeled weeds in dry beans, peas, lentils or chick peas. For spot treatment to control troublesome weeds such as Canada thistle, quackgrass, mayweed (dog fennel), and milkweed, apply in 10 to 20 gallons of water per acre through ground broadcast spray equipment or use a 2 percent solution in a hand-held sprayer. For preharvest treatments, apply in 3 to 20 gallons of water per acre at the hard dough stage of the legume seed (30 percent in moisture or less)

crop area. Employ at least a 30-day plant-back interval between treatment and replanting for any crop not specified for treatment in this label. Do not feed treated vines and hay from these crops to livestock. Do not treat cowpeas or field (feed) peas, since these crop are considered to be grown as livestock feed. Preharvest application is not specified for dry legumes grown for seed, as a PRECAUTIONS, RESTRICTIONS: Follow the limitations listed in the table below. Only one application per year may be made; do not combine a preharvest spray with a spot treatment on the same reduction in germination or vigor may occur.

Crop	Maximum Rate (fluid ounces per Acre)	Minimum Pre-Harvest Interval (days)	Allowed in
Dry Beans	32	7	All States
Dry Peas, Lentils, and Chickpeas	26	14	ldaho, Minnesota, Montana, Nebraska, North Dakota, Oregon, South Dakota, and Washington

## **Root and Tuber Vegetables**

LABELED CROPS: Arracacha, Arrowroot, Chinese artichoke, Jerusalem artichoke, Beet (garden), Burdock, Canna, Carrot, Cassava (bitter and sweet), Celeriac, Chayote (root), Chervil (turnip-rooted), Chicory, Chufa, Dasheen (taro), Galangal, Ginger, Ginseng, Horseradish, Leren, Kava (turnip-rooted), Parsley (turnip rooted), Parsnip, Potato, Radish, Oriental radish, Rutabaga, Salsify, Spanish salsify, Skirret, Sweet potato, Tanier, Turneric, Turnip, Wasabi, Yacon, Yam bean, True yam.

# Selective Equipment Applications (Non-Bearing Ginseng only)

USE INSTRUCTIONS: This product may be applied for general weed control in established non-bearing ginseng. Applications may be made with boom equipment, CDA, shielded sprayers, hand-held and backpack wands, lances, and orchard guns or with wiper application equipment. See additional instructions under "Selective Equipment" in the "APPLICATION EQUIPMENT AND TECHNIQUES" section of this label

PRECAUTIONS, RESTRICTIONS: Conduct applications so that there is no contact of this product with the ginseng plant. Droplets, mist, foam or splatter of the herbicide solution settling onto desirable vegetation may result in discoloration, stunting or destruction. Applications must be made at least one year prior to harvest.

Over-the-Top Wiper Application (Rutabagas only)
USE INSTRUCTIONS: Wiper applicators maybe used over the top of rutabagas for the control of taller weeds. See additional instructions under "Selective Equipment" in the "APPLICATION EQUIPMENT AND TECHNIQUES" section of this label

result in discoloration, stunting or destruction PRECAUTIONS, RESTRICTIONS: Allow at least 14 days between application and harvest of rutabagas. Droplets, mist, foam or splatter of the herbicide solution settling onto desirable vegetation may

## Miscellaneous Crops

LABELED CROPS: Aloe vera, Asparagus, Bamboo shoots, Globe artichoke, Okra, Peanut (ground nut), Pineapple, Strawberry, Sugar beet

TYPES OF APPLICATIONS: Those listed in "ANNUAL AND PERENNIAL CROPS" section of this label plus the following: Weed Control, Site Preparation, Spot Treatment (Asparagus)

Use directions for sugar beets containing the Roundup Ready gene are in the "ROUNDUP READY CROPS" section of this label

otherwise severe injury or destruction may result. Unless otherwise specified in this product's labeling, treatments with selective equipment including wipers and hooded sprayers must be made at least in coarse sandy soils to further minimize the risk of crop injury. In crops with vines, hooded sprayer, shielded sprayer and wiper applications to row middles should be made prior to vine development injury or destruction may result. When making preemergence and at planting applications, applications must be made before crop emergence to avoid severe crop injury. Apply before seed germination PRECAUTIONS, RESTRICTIONS: Avoid contact of this product with foliage, green shoots or stems, bark, exposed roots (including those emerging from plastic mulch), or fuit of crops because severe crop AND TECHNIQUES" section of this label. 14 days prior to harvest. Post-Harvest or fallow applications must be made at least 30 days prior to planting any crop not listed on this label, See additional information in the "APPLICATION EQUIPMENT

## Weed Control, Site Preparation

USE INSTRUCTIONS: This product may be applied for general weed control or for site preparation prior to planting or transplanting crops listed in this section.

emerged seedlings. Do not apply within a week before the first asparagus spears emerge. Do not feed or graze treated pineapple forage following application. flushes off the plastic mulch and does not enter transplant holes. Allow at least 21 days between residue removal and transplanting. Applications made at emergence will result in injury or death to PRECAUTIONS, RESTRICTIONS: This product could cause crop injury when applied prior to transplanting or direct-seeding crops into plastic mulch. Care must be taken to remove residues of this product from the plastic prior to planting. Residual product can be removed by a single 0.5-inch application of water, either by natural rainfall or by irrigation. Care should be taken to ensure that the wash water

## Spot Treatment (Asparagus)

USE INSTRUCTIONS: This product may be applied immediately after cutting, but prior to the emergence of new spears.

PRECAUTIONS, RESTRICTIONS: Do not treat more than 10 percent of the total field area to be harvested. Do not harvest within 5 days of treatment

## Post-Harvest (Asparagus)

EQUIPMENT AND TECHNIQUES" section of this label. should be applied as a directed or shielded spray in order to avoid contact of the spray with ferns, stems or spears. See additional instructions under "Selective Equipment" in the "APPLICATION USE INSTRUCTIONS: This product may be applied after the last harvest and all spears have been removed. If spears are allowed to regrow, delay application until ferns have developed. Delayed treatments

PRECAUTIONS, RESTRICTIONS: Direct contact of the spray with asparagus may result in serious crop injury.

# TREE, VINE, AND SHRUB CROPS (Alphabetical)

NOTE: THIS SECTION GIVES DIRECTIONS THAT APPLY TO ALL TREE, VINE, AND SHRUB CROPS LISTED ALPHABETICALLY IN THE SECTIONS THAT FOLLOW. SEE THE INDIVIDUAL CROP CATEGORIES FOR SPECIFIC INSTRUCTIONS, PREHARVEST INTERVALS, PRECAUTIONS AND RESTRICTIONS.

(shielded sprayers, wiper treatments), Directed Spray, Spot Treatment, Perennial Grass Suppression, Cut Stump TYPES OF APPLICATIONS: Preplant (site preparation) Broadcast Sprays, Weed Control, Middies (between rows of trees, vines or bushes), Strips (within rows of trees, vines or bushes), Selective Equipment

the specific crop sections that follow. This product may be applied with boom equipment, CDA equipment, shielded sprayers, hand-held and backpack wands, lances, orchard guns or with wiper applicator equipment, unless prohibited in

established tree fruit and nut groves, orchards, berries, and vineyards. It may also be used for site preparation prior to planting or transplanting these crops. Apply 1 pint to 5 quarts per acre according to the "ANNUAL WEEDS" and "PERENNIAL WEEDS RATE SECTIONS" of this label. Use the higher rates in the specified range when weeds are stressed, growing in dense populations or are greater than 12 inches tall. Repeat applications may be made up to a maximum of 10.6 quarts per acre per year. See the "PRODUCT INFORMATION" section of this label for more information on Maximum Annual USE INSTRUCTIONS: This product may be applied in middles (between rows of trees or vines), strips (within rows of trees or vines), and for general weed control or perennial grass suppression in

additional instructions and precautions in the "APPLICATION EQUIPMENT AND TECHNIQUES" section of this label crops, hooded or shielded sprayers must be fully enclosed including top, sides, front and back. Only wipers or shielded applicators capable of preventing all contact with the crop may be used. See only selective equipment (directed sprays, hooded sprayers, shielded applicators, or wipers) should be used in order to minimize the potential for overspray or drift of this product onto the crop. For berry destruction. Only shielded or directed sprayers may be used in crops with potential for crop contact, and then only where there is sufficient clearance. For applications in strips (within rows of trees) PRECAUTIONS, RESTRICTIONS: Use extreme care to avoid contact of this herbicide solution, spray, drift or mist with foliage or green bark of trunk, branches, suckers, fruit or other parts of trees, canes and vines. Avoid applications when recent pruning wounds or other mechanical injury has occurred. Contact of this product with other than matured brown bark can result in serious crop damage or

Allow a minimum of 3 days between application and transplanting.

## Middles (between rows)

USE INSTRUCTIONS: This product will control or suppress annual and perennial weeds and ground covers growing between rows of tree and vine crops listed on this label. If weeds are under drought stress, irrigate prior to application. Reduced weed control may result if weeds have been recently mowed at the time of application.

(malva) or hairy fleabane (Conyza bonariensis) with a maximum height, length or diameter of 3 inches. Read and follow all labels and directions for use of all products being used in the tank mixture. purse, annual sowthistle, filaree (suppression), horseweed/marestail (Conyza canadensis), stinging nettle and common purslane (suppression). This tank mixture will also control common cheeseweed with a maximum height, length or diameter of 6 inches, including crabgrass, common groundsel, junglerice, common lambsquarters, redroot pigweed, London rocket, common ryegrass, shepherd'sspecified when weeds are stressed or growing in dense populations. Application of 16 to 32 fluid ounces of this product per acre plus 3 to 12 fluid ounces of Goal 2XL per acre will control annual weeds TANK MIXTURES: A tank mixture of this product plus Goal 2XL may be applied for annual weed control between rows (middles) of citrus crops, tree fruits, tree nuts and vine crops. This mixture

### Strips (in Rows

TANK MIXTURES: This product may be applied within rows of tree or vine crops in tank mixtures with the following products, provided that the label of the specific product used permits the desired use:

Devrinol<sup>TM</sup> 50 DF Simazine 4L Simazine 80

Direx<sup>TM</sup> 4L Simazine 80W
Goal 2XL Sim-Trol<sup>TM</sup> 4L
Karmex DF Solicam<sup>TM</sup> DF
Krovar I Surflan<sup>TM</sup> AS
Prowl Surflan 75W

Princep Caliber™ 90

Do not apply these tank mixtures in Puerto Rico

MIXING PROCEDURES" sections of this label. Refer to the individual product labels for information about specific crops, rates, geographic restrictions and precautionary statements. For more information see the "TANK MIXTURES" and "TANK

## Perennial Grass Suppression

For suppression of tall fescue, fine fescue, orchardgrass and quackgrass, apply 8 fluid ounces of this product in 10 to 20 gallons of water per acre This product will suppress perennial grasses such as bahiagrass, Bermudagrass, tall fescue, orchardgrass, Kentucky bluegrass, and quackgrass that are grown as ground covers in tree and vine crops.

For suppression of Kentucky bluegrass covers, apply 6 fluid ounces of this product per acre. Do not add ammonium sulfate.

For best results, mow cool season grass covers in the spring to even their height and apply this product 3 to 4 days after mowing

full green-up or after mowing to a uniform height of 3 to 4 inches. This application must be made prior to seedhead emergence. For suppression of vegetative growth and seedhead inhibition of bahlagrass for approximately 45 days, apply 6 fluid ounces of this product in 10 to 25 gallons of water per acre. Apply 1 to 2 weeks after

For burndown of Bermudagrass, apply 1 to 2 quarts of this product in 3 to 20 gallons of water per acre. 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. For suppression up to 120 days, apply 4 fluid ounces of this product per acre, followed by an application of 2 to 4 fluid ounces per acre about 45 days later. Make no more than 2 applications per year

For suppression of Bermudagrass, apply 6 to 16 fluid ounces of this product per acre east of the Rocky Mountains and 16 fluid ounces of this product per acre west of the Rocky Mountains. Apply in a total spray volume of 3 to 20 gallons per acre, no sooner than 1 to 2 weeks after full green-up. If the Bermudagrass is mowed prior to application, maintain a minimum of 3 inches in height. Sequential applications may be made when regrowth occurs and Bermudagrass injury and stand reduction can be tolerated. East of the Rocky Mountains, rates of 6 to 10 fluid ounces of this product per acre should be used in shaded conditions or where a lesser degree of suppression is desired.

## Cut Stump (tree crops)

USE INSTRUCTIONS: Cut stump applications of this product may be made during site preparation or site renovation, prior to transplanting tree crops. This product will control regrowth of cut stumps and resprouts of many types of tree species, some of which are listed below.

Citrus Trees: Calamondin, Chironja, Citron, Citrus hybrids, Grapefruit, Kumquat, Lemon, Lime, Mandarin (Tangerine), Orange (all), Pummelo, Tangelo (Ugli), Tangor

Fruit Trees: Apple, Apricot, Cherry (sweet, sour), Crabapple, Loquat, Mayhaw, Nectarine, Olive, Peach, Pear, Plum/Prune (all), Quince.

Nut Trees: Almond, Beechnut, Brazil nut, Butternut, Cashew, Chestnut, Chinquapin, Filbert (hazelnut), Hickory Nut, Macadamia, Pecan, Pistachio, Walnut (black, English),

PRECAUTIONS, RESTRICTIONS: DO NOT MAKE CUT STUMP APPLICATIONS WHEN THE ROOTS OF ADJACENT DESIRABLE TREES MAY BE GRAFTED TO THE ROOTS OF THE CUT STUMP INJURY RESULTING FROM ROOT GRAFTING MAY OCCUR IN ADJACENT TREES. Some sprouts, stems, or trees may share the same root system. Adjacent trees having a similar age, height and spacing may signal shared roots. Whether grafted or shared, injury is likely to occur to non-treated stems/trees when one or more trees sharing common roots are treated. cut surface immediately after cutting. Delays in application may result in reduced performance. For best results, applications should be made during periods of active growth and full leaf expansion. Apply this product using suitable equipment to ensure coverage of the entire cambium. Cut trees or resprouts close to the soil surface. Apply a 50 to 100 percent solution of this product to the freshly

## **Berry Crops**

blackberry, and youngberry), Blueberry, Granberry, Currant, Elderberry, Gooseberry, Huckleberry, Loganberry, Salal [Optional Crop: Raspberry (black, red)]. LABELED CROPS: Blackberry (including bingleberry, black satin be, boysenberry, Cherokee blackberry, chesterberry, Cheyenne blackberry, coryberry, darrowberry, dewberry, Dirksen thornless berry, Himalayaberry, hullberry, juneberry, lavacaberry, lowberry, lucretiaberry, marionberry, nectarberry, ofallieberry, Oregon evergreen berry, phenomenalberry, rangeberry, ravenberry, rossberry, Shawnee

PRECAUTIONS, RESTRICTIONS: To avoid damage, herbicide spray must not be allowed to contact desirable vegetation, including green shoots, canes, or foliage. Allow a minimum of 30 days between last application and harvest of cranberries. Allow a minimum of 14 days between last application and harvest of other berry crops. TYPES OF APPLICATIONS: Those listed in "TREES, VINE AND SHRUB CROPS" section of this label, plus Spot Treatment in Cranberry Production and Post-Harvest Treatment in Cranberry Production.

## Spot Treatment in Cranberry Production

USE INSTRUCTIONS: Spot treatments may be used to control weeds growing in dry ditches (interior and perimeter) of cranberry production areas. Hand-held sprayers or other appropriate application equipment listed under "APPLICATION EQUIPMENT AND TECHNIQUES" in this label may be used. Drop water level to remove standing water in ditches prior to application. With hand-held sprayers, use 1- to 2-percent solution of this product. Spray adequately to wet the vegetation only; do not spray to the point of run-off.

PRECAUTIONS, RESTRICTIONS: To achieve maximum weed control in treatments of dry ditches after water draw down, allow 2 or more days after treatment before reintroduction of water. Apply this product within 1 day after draw down to ensure application to actively growing weeds. Allow a minimum of 30 days between last application and harvest of cranberries. Do not make applications by air. Do not apply directly to water. Use nozzles that emit medium- to large-sized droplets in order to minimize spray drift and avoid crop injury.

# Post-Harvest Treatments in Cranberry Production

USE INSTRUCTIONS: Application of this product may be made after the harvest of cranberries to control weeds growing in the field. Apply this product to vines that appear dormant (after they have turned red). Hand-held sprayers, wipers, or other appropriate application equipment listed in the "APPLICATION EQUIPMENT AND TECHNIQUES" section of this label may be used. If using hand-held sprayers, use a 0.5-to 1-percent solution of this product. Spray adequately to wet the vegetation only; do not spray to the point of run-off. If using hand-held boom sprayers, apply 2 to 4 quarts of this product per acre

PRECAUTIONS, RESTRICTIONS: Make applications only after cranberries have been harvested. Do not treat more than 10 percent of the total bog. Allow a minimum of 6 months after last application and next harvest of cranberries. Do not make applications by air. Do not apply directly to water. Even though vines appear dormant, contact of the herbicide solution with desirable vegetation may result in damage or severe plant injury. Cranberry plants that are directly sprayed may be killed.

### Citrus

LABELED CROPS: Calamondin, Chironja, Citron, Citrus Hybrids, Grapefruit, Kumquat, Lemon, Lime, Mandarin (tangerine), Orange (all), Pummelo, Satsuma Mandarin, Tangelo (ugh), Tangor

TYPES OF APPLICATIONS: Those listed in "TREES, VINE AND SHRUB CROPS" section of this label

PRECAUTIONS, RESTRICTIONS: Allow a minimum of 1 day between last application and harvest in citrus crops. For citron groves, apply as directed sprays only

USE INSTRUCTIONS: The following use instructions pertain to applications in Florida and Texas only: For burndown or control of the weeds listed below, apply the specified rates of this product in 3 to 30 gallons of water per acre. Where weed foliage is dense, use 10 to 30 gallons of water per acre.

individual product labels for treatment information on specific crops, rates, geographic restrictions and precautionary statements For goatweed, apply 2 to 3 quarts of this product in 20 to 30 gallons of water per acre when plants are actively growing. Use 2 quarts per acre when plants are less than 8 inches tall, and 3 quarts per acre when plants are greater than 8 inches tall. If goatweed is greater than 8 inches tall, use of this product in a tank mixture with Krovar<sup>TM</sup> I or Karmex<sup>TM</sup> may improve weed control. Refer to the

	S= Suppress	Perennial Weeds S= Suppression; PC = Partial control; B = Burndown; C = Control	= Control	
		ERASER A/P RATE PER ACRE		
WEED SPECIES	1 QT	2 QT	3 QT	5 QT
Bermudagrass	В	I	PC	0
Guineagrass	ı	I	I	I
Texas and Florida Ridge	В	C	C	C
Florida Flatwoods	1	В	С	C
Paragrass	В	C	C	С
Torpedograss	S	I	PC	С

# Miscellaneous Tree Food Crops

LABELED CROPS: Cactus (fruit and pads), Palm (heart, leaves), Palm (oil)

TYPES OF APPLICATIONS: Those listed in "TREES, VINE AND SHRUB CROPS" section of this label

## **Non-Food Tree Crops**

LABELED CROPS: Pine, Poplar, Eucalyptus, Christmas trees, and all other non-food tree crops

TYPES OF APPLICATIONS: Those listed in "TREES, VINE AND SHRUB CROPS" section of this label

NOTE: unless otherwise directed, this product is not specified for use as an over-the-top broadcast spray in plantations or other labeled tree crops

# Directed Spray, Spot treatment, Wiper Application

USE INSTRUCTIONS: This product may be used as a post-directed spray and spot treatment around established poplar, eucalyptus, Christmas trees and other non-food tree crops

PRECAUTIONS, RESTRICTIONS: Avoid contact of spray, drift or mist of this product with foliage or green bark of established Christmas trees and other pine trees. Desirable plants may be protected from the spray solution by using shields or coverings made of cardboard or other impermeable material.

Site preparation

USE INSTRUCTIONS: This product may be used for weed control prior to planting non-food tree crops.

PRECAUTIONS, RESTRICTIONS: Precautions should be taken to protect non-target plants during site preparation applications.

## **Pome Fruit**

LABELED CROPS: Apple, Crabapple, Loquat, Mayhaw, Pear (including oriental pear), Quince.

TYPES OF APPLICATIONS: Those listed in "TREES, VINE AND SHRUB CROPS" section of this label

PRECAUTIONS, RESTRICTIONS: Allow a minimum of 1 day between last application and harvest in pome crops

### Stone Fruit

LABELED CROPS: Apricot, Cherry (sweet, tart), Nectarine, Olive, Peach, Plum/Prune (all types), Plumcot

TYPES OF APPLICATIONS: Those listed in "TREES, VINE AND SHRUB CROPS" section of this label. For olive groves, apply only as a directed spray

PRECAUTIONS, RESTRICTIONS: Allow a minimum of 17 days between last application and harvest in stone fruit crops.

Remove suckers and low-hanging limbs at least 10 days prior to application. Avoid applications near trees with recent pruning wounds or other mechanical injury. Apply only near trees that have been planted in the orchard for 2 or more years. USE EXTREME CARE TO ENSURE THAT NO PART OF THE PEACH TREE IS CONTACTED WITH OVERSPRAY OR DRIFT OF THIS PRODUCT.

### **Tree Nuts**

LABELED CROPS: Almond, Beechnut, Betelnut, Brazil nut, Butternut, Cashew, Chestnut, Chinquapin, Coconut, Filbert (hazelnut), Hickory nut, Macadamia, Pecan, Pine nut, Pistachio, Walnut (black, English) TYPES OF APPLICATIONS: Those listed in "TREES, VINE AND SHRUB CROPS" section of this label.

PRECAUTIONS, RESTRICTIONS: Allow a minimum of 3 days between last application and harvest of tree nuts, except coconut. Allow 14 days between application and harvest in coconut

# Tropical and Subtropical Trees and Fruits

LABELED CROPS: Ambarella, Atemoya, Avocado, Banana, Barbados cherry (acerola), Biriba, Blimbe, Breadfruit, Cacao (cocoa) bean, Canistel, Carambola (starfruit), Cherimoya, Coffee, Custard apple, Dates, Durian, Feijoa, Figs, Governor's plum, Guava, Ilama, Imbe, Imbu, Jaboticaba, Jackfruit, Longan, Lychee, Mamey apple, Mango, Mangosteen, Marmaladebox (genip), Mountain papaya, Papaya, Pawpaw, Plantain, Persimmon, Pomegranate, Pulasan, Rambutan, Rose apple, Sapodilla, Sapote (black, mamey, white), Spanish lime, Soursop, Star apple, Sugar apple, Surinam cherry, Tamarind, Tea, Ti (roots and leaves),Wax jambu.

TYPES OF APPLICATIONS: Those listed in "TREES, VINE AND SHRUB CROPS" section of this label, and as described below as a Bananacide (Bananas Only).

PRECAUTIONS, RESTRICTIONS: Allow a minimum of 1 day between last application and harvest in banana, guava, papaya, and plantain crops. Allow a minimum of 14 days between last application and harvest for any other tropical or subtropical tree fruit listed. Allow a minimum of 28 days between last application and harvest in coffee crops. In coffee and banana, delay applications 3 months after transplanting to allow the new coffee or banana plant to become established.

## Bananacide (Banana Only)

USE INSTRUCTIONS: This product may be used to destroy banana plants infected with the Banana Bunchy Top Virus, as well as non-infected banana plants in order to establish disease free buffers around plantations. Remove all fruit from the plants within the treatment area prior to treatment. Inject 1/25 fluid ounce (1 mL) of this product's concentrate per 2 to 3 inches of pseudostem diameter. Make the injection at least one foot above the ground, except for very small plants, which should be injected vertically into the top. Any subsequent regrowth must also be destroyed. All plants and mats (or units) within a 4-foot radius around a treated mat should be mechanically destroyed.

be destroyed immediately. For control of the Banana Bunchy Top Virus, it is critical that the grower follow a strict control program involving monitoring for diseased plants, spraying to control the aphid vector, and destruction of all infected mats (or units). An infected plant may not show symptoms of the banana bunchy top virus for up to 125 days, therefore it is critical that the entire mat (or unit) containing the diseased plant

PRECAUTIONS, RESTRICTIONS: Do not apply more than 1/2 fluid ounce (15 mL) of this product per mat (or unit), Remove all fruit from plants and mats (or units) prior to treatment. Do not harvest any fruit or plant materials from treated mats (or units) following injection. Do not allow livestock to consume treated plant materials. Following transplant of new banana plants into treated areas, allow plants to become established for 3 months before applying this product for general weed control.

### Vine Crops

LABELED CROPS: Grapes (raisin, table, wine) Hops, Kiwi, Passion fruit.

TYPES OF APPLICATIONS: Those listed in "TREES, VINE AND SHRUB CROPS" section of this label

Apply this product for weed control only when green shoots, canes or foliage are not in the spray zone.

In the northeast and Great Lakes regions, apply this production grape vineyards prior to the end of the bloom stage of grapes in order to avoid crop injury, or apply using shielded sprayers or wiper

PRECAUTIONS, RESTRICTIONS: Allow a minimum of 14 days between last application and harvest of vine crops. Do not use selective equipment in kiwi

# **PASTURE GRASSES, FORAGE LEGUMES AND RANGELANDS**

USE INSTRUCTIONS: Refer to the "ANNUAL WEEDS" and "PERENNIAL WEEDS RATE SECTIONS" of this label for rate recommendations for specific weeds. When applied as directed, this product will control these annual and perennial grasses and broadleaf weeds. Specified rates of this product specified on this label for the control of tough weeds, or those specified on separate supplemental labeling for this product, supersede rates specified in the "ANNUAL WEEDS", "PERENNIAL WEEDS" and "WOODY BRUSH AND TREES RATE SECTIONS" of this label

All labeled treatments may be made by aerial equipment where appropriate, provided that the applicator complies with the precautions and restrictions specified on this product's labeling

# Alfalfa, Clover, and Other Forage Legumes

LABELED CROPS: Alfalfa, Clover, Kenaf, Kudzu, Lespedeza, Leucaena, Lupin, Sainfoin, Trefoil, Velvet bean, Vetch (all types)

TYPES OF APPLICATIONS: Preplant, At-Planting, Preemergence, Preharvest (except Kenaf and Leucanea), Spot Treatment, Over-the-Top Wiper Application, Renovation, Stand Removal

Use directions for alfalfa with the Roundup Ready gene are in the "ROUNDUP READY CROPS" section of this label.

Preplant, At-Planting, Preemergence

USE INSTRUCTIONS: This product may be applied before, during or after planting crops listed in this section. Applications must be made prior to crop emergence

PRECAUTIONS, RESTRICTIONS: Remove domestic livestock before application. The crop may be fed or grazed as soon as it reaches sufficient maturity

Preharvest (Except Kenaf and Leucanea)
USE INSTRUCTIONS: This product may be used in declining alfalfa stands or any stand of alfalfa where crop destruction is acceptable. This product will control annual or perennial weeds, including quackgrass, when applied prior to crop harvest. Applications may be made at any time of the year. For control of quackgrass, apply in the spring, late summer or fall when quackgrass is actively growing. Treatments for quackgrass must be followed by deep tillage for complete control.

PRECAUTIONS, RESTRICTIONS: Make only one application to an existing stand of crop per year. The treated crop and weeds can be harvested and fed to livestock according to the application rates and

	Maximum single application rate (per acre)	Minimum interval between application and harvest or livestock grazing
Alfalfa	2 quarts	36 hours
All other legumes listed	3 pints	3 days

germination or vigor may result. This application may destroy the alfalfa stand and may severely injure or destroy other labeled crops such as clover. Preharvest application is not specified for alfalfa grown for seed, as a reduction

Spot Treatment, Over-the-Top Wiper Application USE INSTRUCTIONS: This product may be applied a USE INSTRUCTIONS: This product may be applied as a spot treatment or over the top of crops listed in this section with wiper applicators. For wipers, see "Wiper Applicators" in EQUIPMENT AND TECHNIQUES" section of this label. Applications may be made in the same area at 30-day intervals. the "APPLICATION

should be treated at one time. Remove domestic livestock before application and wait 3 days after application before grazing livestock or harvesting PRECAUTIONS, RESTRICTIONS: For spot treatment and wiper applications, apply in areas where the movement of domestic livestock can be controlled. No more than 10 percent of the total field area

## tenovation, stand Remova

USE INSTRUCTIONS: This product may be applied as a broadcast spray to remove established stands of alfalfa, clover, and other forage legumes listed on this label. If the crop is to be grazed or harvested for feed, use up to a maximum of 2 quarts per acre in alfalfa and up to 3 pints per acre in other labeled legumes. For complete removal of established stands of clover, it may be necessary to use treatment rates greater than this, as listed in the "PERENNIAL WEEDS RATE SECTION" of this label.

listed in this label may be planted into the treated area at any time; for all other crops, wait 30 days or more between application and planting PRECAUTIONS, RESTRICTIONS: For applications up to 2 quarts per acre for alfalfa or 3 pints per acre for all other forage legumes, remove domestic livestock before application, follow the minimum harvest or grazing intervals in the table above under Preharvest in this section.. For treatment rates above these levels, do not graze or harvest treated foliage for livestock feed or allow grazing. Crops

# Conservation Reserve Program (CRP)

TYPES OF APPLICATIONS: Renovation (Rotating Out Of CRP), Site Preparation, Postemergence Weed Control in Dormant CRP Grasses, Over-the-Top Wiper Application

# Renovation (Rotating Out of CRP), Site Preparation

USE INSTRUCTIONS: This product may be used to prepare CRP land for crop production. Refer to Federal, state or local use guides for CRP renovation recommendations

PRECAUTIONS, RESTRICTIONS: Crops listed on this label may be planted into the treated area at any time; for any other crop, wait at least 30 days between application and planting

# Postemergence Weed Control in Dormant CRP Grasses, Over-the-Top Wiper Application

USE INSTRUCTIONS: Apply this product to suppress competitive growth and seed production of undesirable vegetation on CRP land. Applications may be made using wiper applicators to control tall weeds or as a broadcast or spot treatment to dormant CRP grasses. For selective applications with broadcast spray equipment, apply 12 to 16 fluid ounces of this product per acre in early spring before desirable CRP grasses, such as crested and ta11 wheatgrass, break dormancy and initiate green growth. Late fall applications can be made after desirable perennial grasses have reached dormancy.

PRECAUTIONS, RESTRICTIONS: Some stunting of CRP perennial grasses will occur if broadcast applications are made when plants are not dormant. No waiting period is required between application and grazing or harvesting for feed. Do not apply more than 3 quarts per acre per year onto CRP land.

# **Grass Seed or Sod Production**

LABELED CROPS: Any grass (Gramineae family) except Corn, Sorghum, Sugarcane and those listed in the "CEREAL AND GRAIN CROPS" section of this label

Rows in Annual Ryegrass. TYPES OF APPLICATIONS: Preplant, At-Planting, Preemergence, Renovation, Removal of Established Stands, Site Preparation, Shielded Sprayers, Over-the-Top Wiper Application, Spot Treatment, Creating

# Preplant, At-Planting, Preemergence, Renovation, Removal of Established Stands, Site Preparation

USE INSTRUCTIONS: This product controls most existing vegetation prior to renovating turf or forage grass seed areas or establishing turf grass grown for sod. It may be used to destroy undesirable grass vegetation when production fields are converted to alternate species or crops. Make applications before, during, or after planting or for renovation. For maximum control of existing vegetation, delay planting to determine if any regrowth from escaped underground plant parts occurs. Where existing vegetation is growing under mowed turf management, apply this product after omitting at least one regular mowing to allow sufficient growth for good interception of the herbicide spray. Where repeat treatments are necessary, sufficient regrowth must be attained prior to application. For warmseason grasses, such as Bermudagrass, summer or fall applications provide best control. Broadcast equipment may be used to control sod remnants or other unwanted vegetation after sod is harvested Application rates of up to 5 quarts per acre may be used to totally remove established stands of tough to kill grass species.

in this label, applications must be made at least 30 days prior to planting. Applications must be made prior to the crop emergence in order to avoid crop injury. required. If the rate is greater than 3 quarts per acre, remove domestic livestock before application and wait 8 weeks after application before grazing or harvesting. For any crop not listed for treatment after application to allow proper translocation into underground plant parts. If application rates total 3 quarts per acre or less, no waiting period between treatment and feeding or livestock grazing PRECAUTIONS, RESTRICTIONS: 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

### hielded Sprayer

sprayers in the USE INSTRUCTIONS: Apply 1 to 3 quarts of this product as a broadcast spray in 10 to 20 gallons of water per acre to control weeds between grass seed rows. Uniform planting in straight rows aid in shielded sprayer applications. Best results are obtained when the grass seed crop is small enough to easily pass by or through the protective shields. See additional instructions on the use of shielded "APPLICATION EQUIPMENT AND TECHNIQUES" section.

PRECAUTIONS, RESTRICTIONS: Droplets, mist, foam or splatter of the herbicide solution settling onto desirable vegetation may result in discoloration, stunting or destruction. Such damage shall be the

## Over-the-Top Wiper Application

USE INSTRUCTIONS. This product may be applied over the top of desirable grasses using wiper applicators for the control of tall weeds. See additional instructions on the use of wiper applicators in the "APPLICATION EQUIPMENT AND TECHNIQUES" section.

sole responsibility of the applicator. PRECAUTIONS, RESTRICTIONS: Droplets, mist, foam or splatter of the herbicide solution settling onto desirable vegetation may result in discoloration, stunting or destruction. Such damage shall be the

### Spot Treatment

held equipment may also be used to control sod remnants or other unwanted vegetation after sod is harvested. USE INSTRUCTIONS: Apply a 1- to 1.5-percent solution of this product using hand-held spray equipment to control weeds within established vegetation prior to heading of grasses grown for seed. Hand-

PRECAUTIONS, RESTRICTIONS: Apply this product prior to heading of grasses. Do not treat more than 10 percent of the total field area. Crop sprayed in treated area will be killed. Take care not to spray or allow spray to drift outside the target area to avoid unwanted crop destruction. Hand-held equipment may be used to control sod remnants or other unwanted vegetation after sod is harvested.

## **Creating Rows in Annual Ryegrass**

USE INSTRUCTIONS: Apply 16 to 32 fluid ounces of this product per acre. Best results are obtained when applications are made before ryegrass reaches 6 inches in height. Use the higher rate when the ryegrass is greater than 6 inches in height. Set nozzle heights to allow the establishment of the desired row spacing. Use of low-pressure nozzles, or drop nozzles designed to target the application over a narrow band are specified.

PRECAUTIONS, RESTRICTIONS: Take care not to spray or allow droplets, spray fines, or drift to settle outside the treatment area to avoid unwanted crop destruction

Grower assumes all responsibility for crop losses from misapplication.

### **Pastures**

LABELED CROPS: Any grass (Gramineae family) except Corn, Sorghum, Sugarcane and those listed in the "CEREAL AND GRAIN CROPS" section of this label, including Bahiagrass, Bermudagrass, Bluegrass, Bromegrass, Fescue, Guineagrass, Kikuya grass, Orchardgrass, Pangola grass, Ryegrass, Timothy, Wheatgrass.

TYPES OF APPLICATIONS: Preplant, Preemergence, Pasture Renovation, Spot Treatment, Over-the-Top Wiper Application, Postemergence Weed Control (Broadcast Treatments)

# Preplant, Preemergence, Pasture Renovation

USE INSTRUCTIONS: This product may be applied for weed control prior to planting or emergence of forage grasses. This product may also be used to control perennial pasture species listed on this

prior to planting. PRECAUTIONS, RESTRICTIONS: If application rates total 3 quarts per acre or less, no waiting period between treatment and feeding or livestock grazing is required. If the rate is greater than 3 quarts per acre, remove domestic livestock before application and wait 8 weeks after application before grazing or harvesting. For any crop not listed on this label, applications must be made at least 30 days

# Spot Treatment, Over-the-Top Wiper Application

USE INSTRUCTIONS: This product may be applied in pastures as a spot treatment or over the top of desired grasses using wiper applicators to control tall weeds. Applications may be repeated in the same area at 30-day intervals. See additional instructions on the use of wiper applicators in the "APPLICATION EQUIPMENT AND TECHNIQUES" section.

remove domestic livestock before application and wait 7 days after application before grazing or harvesting for feed. PRECAUTIONS, RESTRICTIONS: For spot treatment and wiper application methods using rates of 3 quarts of this product per acre or less, the entire field or any portion of it may be treated. When spot treatments or wiper applications are made using rates above 3 quarts of this product per acre, no more than 10 percent of the field may be treated at any one time. To achieve maximum performance,

# Postemergence Weed Control (Broadcast Treatments)

after perennial grasses have reached dormancy. USE INSTRUCTIONS: This product may be applied to pastures to suppress competitive growth and seed production of annual weeds and undesirable vegetation. For selective applications with broadcast spray equipment, apply 12 to 16 fluid ounces of this product per acre in early spring before desirable perennial grasses break dormancy and initiate green growth. Late fall applications can be made

No waiting period is required between application and grazing or harvesting for feed. Do not apply more than 3 quarts per acre per year onto pasture grasses except for renovation use described above in this section. If replanting is needed due to severe stand reduction, wait at least 30 days after treatment prior to planting any crop not listed on this label. PRECAUTIONS, RESTRICTIONS: Some stunting of perennial grasses will occur if broadcast applications are made when plants are not dormant. Use of higher application rates will cause stand reductions

## Rangelands

TYPES OF APPLICATIONS: Postemergence.

USE INSTRUCTIONS: This product will control or suppress many annual weeds growing in perennial cool and warm-season grass rangelands. Preventing viable seed production is key to the successful control and invasion of annual grassy weeds in rangelands. Follow-up applications in sequential years should eliminate most of the viable seeds. Grazing of treated areas should be delayed to encourage growth of desirable perennials. Allowing desirable perennials to flower and reseed in the treated area will encourage successful transition.

encourages perennial grass conversion on weedy sites. Fall applications are specified where spring moisture is usually limited and fall germination allows for good weed growth. plants are in early flower and before the plants, including seedheads, turn color. Allowing for secondary weed flushes to occur in the spring following rain events further depletes the seed reserve and Apply 12 to 16 fluid ounces of this product to control or suppress many weeds, including downy brome, cheatgrass, cereal rye and jointed goatgrass in rangelands. Apply when most mature brome

seedbank before reestablishing desirable perennial grasses in medusahead-dominated rangelands. For medusahead, apply 16 fluid ounces of this product at the 3-leaf stage. Delaying applications beyond this stage will result in reduced or unacceptable control. Fire may be useful in eliminating the thatch layer produced by slow decaying culms prior to application. Allow new growth to occur before spraying after a bum. Repeat applications in subsequent years may be necessary to eliminate the

per acre per year PRECAUTIONS, RESTRICTIONS: Slight discoloration of the desirable grasses may occur, but they will regreen and regrow under moist soil conditions as effects of this product wear off. Do not use ammonium sulfate when spraying rangeland grasses with this product. No waiting period between treatment and feeding or livestock grazing is required. Do not apply more than 3 quarts of this product

## **ROUNDUP READY CROPS**

contain the Roundup Ready gene, unless otherwise directed in this product's labeling. The following instructions or those published separately on supplemental labeling for this product include all applications of this product that can be made onto the specified Roundup Ready crops during the complete cropping season. DO NOT combine these treatment instructions with those for crops in the "ANNUAL AND PERENNIAL CROPS (ALPHABETICAL)" section of this label that do not

CONTROL SOLUTIONS, INC. COMPANY RECOMMENDS USE OF THIS PRODUCT FOR POSTEMERGENCE (IN-CROP) APPLICATION ONLY ON CROPS DESIGNATED AS CONTAINING THE ROUNDUP READY GENE. Applying this product to crops that are not designated as Roundup Ready will result in severe crop injury and yield loss. Avoid contact with foliage, green stems, or fruit of crops, or any desirable plants that do not contain the Roundup Ready gene, since severe plant injury or destruction will result.

Roundup Ready crops must be purchased from an authorized licensed seed supplier. The Roundup Ready designation indicates that the crop contains a patented gene that provides tolerance to this product. Information on Roundup Ready crops may be obtained from your seed supplier

Sprayer Preparation: It is important that sprayer and mixing equipment be clean and free of pesticide residue before making applications of this product. Follow the cleaning procedures specified on the label of the product(s) previously used. THOROUGHLY CLEAN THE SPRAY TANK AND ALL LINES AND FILTERS TO ELIMINATE POTENTIAL CONTAMINATION FROM OTHER HERBICIDES PRIOR TO MIXING

ground application equipment, use flat spray nozzles. Check for even distribution of spray droplets. For ground broadcast applications: 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

procedures to avoid spray drift that may cause injury to any vegetation not intended for treatment. Use of appropriate buffer zones will help prevent injury to adjacent vegetation. For aerial applications: All labeled treatments may be made by aerial equipment where appropriate, provided that the applicator complies with the precautions and restrictions specified on this product's labeling, in particular in the "Aerial Equipment" section. Apply this product in 3 to 15 gallons of water per acre. See the "APPLICATION EQUIPMENT AND TECHNIQUES" section of this label for

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

TANK MIXTURE: Tank mixtures with other herbicides, insecticides, fungicides, micronutrients or foliar fertilizers may result in reduced weed control or crop injury and are NOT specified for applications of this product over the top of Roundup Ready crops unless otherwise noted in this product label, or in separate supplemental labeling.

Unless otherwise directed, nonionic surfactant maybe added to the spray solution for applications to Roundup Ready crops. The addition of certain surfactants to this product may result in some crop response including leaf necrosis, leaf chlorosis or leaf speckling due to the surfactant added to the spray mixture. Read and carefully observe cautionary statements and other information appearing on

Ammonium sulfate may be mixed with this product for applications to Roundup Ready crops. Refer to the "MIXING" section for instructions on the use of ammonium sulfate. Ensure that ammonium sulfate is completely dissolved in the spray tank before adding herbicides. Thoroughly rinse the spray system with clean water after use to reduce corrosion

a preplant burn-down treatment of this product is specified to control existing weeds prior to crop emergence. Some weeds, such as black nightshade, broadleaf signalgrass, sicklepod, Texas panicum, sandbur, annual morningglory, woolly cupgrass, shattercane, wild proso millet, burcumber, and giant ragweed 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 has occurred and at least 10 days after a previous application of this product. NOTE: The following instructions are based on a clean start at planting by using a burndown application or tillage to control existing weeds before crop emergence. In no-till and stale seedbed systems

Rates of this product specified in the following sections, or in separate supplemental labeling for this product on the control of tough weeds, supersede the general rates specified in the "ANNUAL WEEDS RATE SECTION" and the "PERENNIAL WEEDS RATE SECTION" of this label.

## Roundup Ready Alfalfa

TYPES OF APPLICATIONS: Preplant, At-planting, Preemergence, Postemergence (In-crop).

USE INSTRUCTIONS: Refer to the following table for the maximum application rates of this product.

Annual Maximum Application Rates	
Combined total per year for all applications, including preplant during year of establishment	8 quarts per acre
Combined total per year for in-crop applications for newly established and established stands	6 quarts per acre

most restrictive precautionary statements for each product in the tank mixture. PRECAUTIONS AND RESTRICTIONS: See the "ROUNDUP READY CROPS" section of this label for general precautionary instructions for use of this product in Roundup Ready crops. See the "PRODUCT INFORMATION" section of this label for more information on "Annual Maximum Application Rates." Refer to individual tank mixture product label for restrictions and precautions, use according to the

## Preplant, At-Planting, Preemergence

USE INSTRUCTIONS: This product may be applied before, during or after planting affalfa with a Roundup Ready gene, up to a maximum of 2 quarts per acre

## Postemergence (In-crop)

applications of this product should be made after weeds have emerged but before alfalfa growth or re-growth interferes with spray coverage of the target weeds USE INSTRUCTIONS: Applications of this product may be made over the top of Roundup Ready alfalfa (in-crop) from emergence to 5 days prior to harvest. To maximize crop yield and quality potential

alfalfa. Repeat applications may be necessary for complete control. these annual and perennial grasses and broadleaf weeds. In addition to those weeds listed in these sections, this product will suppress the parasitic weed Dodder (Cuscuta spp) in Roundup Ready Refer to the "ANNUAL WEEDS RATE SECTION" and "PERENNAL WEEDS RATE SECTION" in this label for rate recommendations for specific weeds. When applied as directed, this product will control

Stand Establishment – Due to the biology and breeding constraints of alfalfa, up to 10% of the seedlings may not contain a Roundup Ready gene and will not survive after the first application of this product. To eliminate the undesirable effects of stand gaps created by this loss of plants, a single application of this product per acre should be applied at or before the 4-trifoliate growth stage. Refer to the following tables for maximum in-crop application rates during stand establishment (seeding year).

STAND ESTABLISH Applica	STAND ESTABLISHMENT (Seeding Year) Application Rates
Prior to First Cutting	
From emergence up to 4 trifoliate leaves	1 to 2 quarts per acre
From 5 trifoliate leaves up to 5 days before first cutting	Up to 2 quarts per acre
After First Cutting	
In-crop application, per cutting, up to 5 days before cutting	Up to 2 quarts per acre

Established Stands – Refer to the following table for directions and maximum application rates for in-crop applications to established stands of alfalfa (non-seeding year)

## STABLISHED STANDS

Application Rates

In-crop applications, per cutting, up to 5 days before cutting

Up to 2 quarts per acre

PRECAUTIONS, RESTRICTIONS: Where Roundup Ready affalfa is grown with a companion or cover crop, or is overseeded with a second species, in-crop (over-the-top) applications of this product will eliminate the non-glyphosate tolerant species. Any single in-crop application of this product should not exceed 2 quarts per acre. Sequential applications of this product should be at least 7 days apart. The combined total per year for all in-crop applications in both newly established (seeding year) and established stands (non-seeding year) must not exceed 6 quarts per acre. Remove domestic livestock before application. Wait a minimum of 5 days after application before grazing, cutting and feeding of forage and hay.

TANK MIXTURES: This product may be tank mixed with the products listed below. Ensure that the specific product used is labeled for alfalfa application

Newly Seeded Stands and Stand Establishment: For control of emerged annual grasses and broadleaf weeds, this product may be applied at up to 2 quarts per acre in a tank mixture with the following herbicides. Application should be made after weeds have emerged but before the alfalfa growth or regrowth would interfere with spray coverage of the target weeds.

[Insert active ingredient(s) or brand name of product(s) containing the following active ingredients that, at the time of printing, are registered for use on affalfa: 2,4-DB, bromoxynil, clethodim, imazamox,

Arrow, Buctril, Butoxone, Butyrac, Poast, Pursuit, Raptor, Select.

Buctril can only be used in newly seeded stands]

Dormant Application and Winter Treatment: For control of emerged annual grasses and broadleaf weeds, up to 2 quarts per acre of this product may be applied in a tank mixture with the following herbicides. Tank mixtures should be applied when the temperature for the day remains above freezing.

## Dormant Application

pronamide, terbacil. [Insert active ingredient(s) or brand name of product(s) containing the following active ingredients that, at the time of printing, are registered for use on afalfat: diuron, hexazinone, imazamox, metribuzin,

Kerb 50-W, Lexone, Raptor, Sencor, Sinbar, Velpar AlfaMax.]

## Winter Treatment

[Insert active ingredient(s) or brand name of product(s) containing the following active ingredients that, at the time of printing, are registered for use on alfalfa: 2,4-DB, diuron, hexazinone

Butoxone, Diuron, Velpar AlfaMax.]

PRECAUTIONS, RESTRICTIONS: Tank mixtures of this product with other herbicides, insecticides, or fungicides may result in crop injury or reduced weed control. Applications should not be made frozen or snow covered ground ₽

# **Roundup Ready Canola (Spring)**

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

TYPES OF APPLICATIONS: Preplant, At-Planting, Preemergence, Postemergence (In-crop).

DO NOT USE THIS PRODUCT ON CANOLA WITH THE ROUNDUP READY GENE PLANTED IN THE FOLLOWING STATES: ALABAMA, DELAWARE, FLORIDA, GEORGIA, KENTUCKY, MARYLAND, NEW JERSEY, NORTH CAROLINA, SOUTH CAROLINA, TENNESSEE, VIRGINIA AND WEST VIRGINIA, EXCEPT FOR USES IN WILDLIFE FOOD PLOTS THAT WILL NOT BE HARVESTED FOR HUMAN OR LIVESTOCK FOOD.

## **Annual Maximum Application Rates**

Preplant, At-planting, Preemergence applications Total in-crop application from emergence to 6-leaf stage 2 quarts per acre

1 quart per acre

INFORMATION" section of this label for more information on "Annual Maximum Application Rates PRECAUTIONS AND RESTRICTIONS: See the "ROUNDUP READY CROPS" section of this label for general precautionary instructions for use of this product in Roundup Ready crops. See the "PRODUCT INFORMATION" section of this label for more information on "Annual Maximum Annication Rates"

Preplant, At-planting, Preemergence
USE INSTRUCTIONS: This product may be applied before, during or after planting, up to a maximum of 2 quarts per acre.

Postemergence (In-crop)

USE INSTRUCTIONS: This product may be applied postemergence to Roundup Ready spring canola from emergence through the 6-leaf stage of development. Applications made during bolting or flowering may result in crop injury and yield loss. To maximize yield potential, make applications early to eliminate competing weeds.

Single Application - Apply 16 to 24 fluid ounces 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 crop injury may result when applications of more than 16 fluid ounces per acre are applied after the 4-leaf stage.

Sequential Application – Apply 16 fluid ounces 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 specified for early emerging annual weeds and perennial weeds such as Canada thistle and quackgrass, or when multiple application times are needed for adequate weed control

PRECAUTIONS, RESTRICTIONS: No more than two in-crop broadcast applications may be made from crop emergence through the 6-leaf stage of development and the total in-crop application should not exceed 32 fluid ounces per acre. Allow a minimum of 60 days between last application and canola harvest.

enter a cold period dormancy in the winter. Roundup Ready Canola (Winter)

Roundup Ready Winter Canola is defined as those Roundup Ready canola varieties that are seeded in early fall and harvested the following spring or summer. Winter canola varieties are intended to

## **Annual Maximum Application Rates**

Preplant, At-planting, Preemergence applications 2 quarts per acre

Total in-crop application from emergence to 6-leaf stage 1 quarts per acre

DO NOT USE THIS PRODUCT ON WINTER CANOLA WITH THE ROUNDUP READY GENE PLANTED IN THE FOLLOWING STATES: ALABAMA, DELAWARE, FLORIDA, GEORGIA, KENTUCKY, MARYLAND, NEW JERSEY, NORTH CAROLINA, SOUTH CAROLINA, TENNESSEE, VIRGINIA AND WEST VIRGINIA, EXCEPT FOR USES IN WILDLIFE FOOD PLOTS THAT WILL NOT BE HARVESTED FOR HUMAN OR LIVESTOCK FOOD.

TYPES OF APPLICATIONS: Preplant, At-Planting, Preemergence, Postemergence (In-crop).

section of this label for more information on "Annual Maximum Application Rate USE INSTRUCTIONS: See the "ROUNDUP READY CROPS" section of this label for general precautionary instructions for use of this product in Roundup Ready crops. See the "PRODUCT INFORMATION section of this label for more information on "Annual Maximum Application Rate"

USE INSTRUCTIONS: This product may be applied before, during or after planting, up to a maximum of 2 quarts per acre

after bolting may result in crop injury and yield loss. To maximize yield potential, make applications early to eliminate competing weeds. USE INSTRUCTIONS: This product may be applied to Roundup Ready winter canola varieties from emergence to canopy closure in the fall and prior to bolting in the spring. Applications made during or

should be made after some regrowth has occurred and at least 60 days after a previous application of this product Some weeds with multiple germination times, or suppressed (stunted) weeds, or weeds that have overwintered may require sequential applications of this product for control. The second application

Single Application — Apply 24 to 32 fluid ounces of this product per acre in the fall. Applications in the fall should be made when weeds are small and actively growing. Use the higher rate in the specified range when weed densities are high, when weeds have overwintered or when weeds become large and well established. Applications of greater than 16 fluid ounces per acre prior to the 6-leaf stage may result in reduced crop growth in the fall. Avoid spray overlaps. Spray overlaps may result in temporary yellowing and/or growth reduction.

Sequential Applications — Apply 16 to 32 fluid ounces of this product per acre to 2-leaf or larger canola in the fall, followed by a sequential application at the same rate and at a minimum interval of 60 days, but before bolting in the spring. Sequential applications are specified for early emerging annual weeds and winter emerging weeds such as downy brome, jointed goatgrass and ryegrass, and for weeds that have overwintered. This product will control or suppress most perennial weeds. For some perennial weeds, sequential applications may be required to reduce competition with

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 64 fluid ounces of this product per acre. Applications of greater than 24 fluid ounces per acre prior to the 6-leaf stage may result in reduced crop growth in the fall. Allow a minimum of 60 days between last application and harvest of canola grain. No waiting period is required between application and open grazing of livestock.

## Roundup Ready Corn 2

TYPES OF APPLICATIONS: Preplant, At-Planting, Preemergence, Postemergence (In-crop), Spot treatment, Preharvest, Post-harvest

# **Annual Maximum Application Rates**

Maximum preharvest application (See PRECAUTIONS, Total in-crop applications from emergence through 48 inches Preplant, At-Planting, Preemergence applications Combined total per year for all applications ယ 5 8 quarts per acre quarts per acre

strictive precautionary statements for each product in the tank mixture. PRECAUTIONS, RESTRICTIONS: See the "ROUNDUP READY CROPS" section of this label for general precautionary instructions for use of this product in Roundup Ready crops. See the "PRODUCT INFOR-MATION" section of this label for more information on "Annual Maximum Application Rates." Refer to individual tank mixture product label for restrictions and precautions, use according to the most re-

USE INSTRUCTIONS: This product may be applied alone or in a tank-mixture before, during or after planting.

TANK MIXTURES: This product may be tank mixed with the products listed below. Ensure that the specific product used is labeled for alfalfa application. Read and follow label directions for all products in the tank mixture. Apply these tank mixtures in 10 to 20 gallons of water or 10 to 60 gallons of nitrogen solution per acre.

lachlor, s-metolachlor, metribuzin, pendimethalin, rimsulfuron. [Insert active ingredient(s) or brand name of product(s) containing the following active ingredients that, at the time of printing, are registered for use preplant, at-planting and/or preemergence to corn: 2,4-D, acetochlor, alachlor, atrazine, carfentrazone-ethyl, clopyralid, dicamba, diflufenzopyr, dimethenamid, dimethenamid-p, flufenacet, flumetsulam, flumiclorac pentyl ester, isoxaflutole, linuron, meto-

Radius, Resolve, Resource, Stalwart, Stalwart Xtra, Surpass, TopNotch] Aim, Axiom, Balance, Balance PRO, Banvel, Bicep MAGNUM, Bicep II MAGNUM, Bicep Lite II MAGNUM, Bullet, Cinch, Cinch ATZ, Clarity, Define, Degree, Degree Xtra, Distinct, Dual II MAGNUM, Epic, Frontier, FulTime, Guardsman MAX, Harness, Harness Xtra, Harness Xtra 5.6L, Home', Keystone, Keystone LA, Lariat, Linex, Lorox, Marksman, Me-Too-Lachlor II, Micro-Tech, Prowl, Python, Python II,

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

Postemergence (In-crop)
USE INSTRUCTIONS: This product may be applied alone or in tank mixtures postemergence (in-crop) to corn hybrids designated as Roundup Ready Corn 2. When applied as directed, this product controls annual grass and broadleaf weeds listed on this label. Many perennial grasses and broadleaf weeds will be controlled or suppressed with one or more application of this product. A postemergence application of this product should be made before the weeds reach a height of 4 inches or before they 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 should be made before the weeds reach a height of 4 inches.

apply this product only by ground application using drop nozzles aligned to avoid spraying into the whorls of the corn plants. This product may be broadcast over-the-top or applied with drop nozzles 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. Drop nozzles are specified for optimum spray coverage and weed control when corn height is 24 to 30 inches. For corn heights 30 to 48 inches (free standing),

corn. Read and follow label directions of all products in the tank mixture. TANK MIXTURES: This product may be tank-mixed with the following products. Ensure that the specific product being used in the tank mixture is registered for application postemergence (in-crop) to

methyl [Insert active ingredient(s) or brand name of product(s) containing the following active ingredients that, at the time of printing, are registered for use postemergence (in-crop) to corn: atrazine, acetochlor, alachlor, clopyralid, dicamba, diflufenzopyr, flumetsulam, flumiclorac pentyl ester, foramsulfuron, halosulfuron-methyl, iodosulfuron-methyl-sodium, mesotrione, nicosulfuron, rimsulfuron, thifensulfuron

Banvel, Basis, Basis Gold, Bullet, Callisto, Clarity, Degree, Degree Xtra, Distinct, Equip, Harness, Harness Xtra, Harness Xtra, Hornet, Marksman, Micro-Tech, Option, Resolve, Resource, YUKONJ

Tank Mix Partner	Maximum Height Of Corn For Application
Degree	11 inches
Degree Xtra	
Harness	
Harness Xtra	
Harness Xtra 5.6L	
Bullet*	5 inches
Micro-Tech*	
Atrazine	12 inches

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

The addition of 1 to 2 percent dry ammonium sulfate by weight or 8.5 to 17 pounds per 100 gallons of water may increase the performance of this product under hard water conditions, drought conditions or when tank mixed with Bullet® or Micro-Tech® herbicides.

must not exceed a total of 3 quarts per acre per growing season. Allow a minimum of 10 days between in-crop applications of this product. Allow a minimum of 50 days between application of this product in-crop and harvest of corn forage or grain. (For applications at preharvest timing, see Preharvest section of this label), The use of additional surfactants and other additives, including fertilizers and micro-nutrients, in the spray solution are not specified with this product and may result in increased potential for crop injury or reduced yield, and is not specified for over-the-top applications, unless otherwise directed in supplemental labeling PRECAUTIONS, RESTRICTIONS: Single in-crop applications of this product must not exceed 3 pints per acre. Sequential in-crop applications of this product from emergence through 48 inches in height

### Preharves

USE INSTRUCTIONS: A single preharvest application of up to 32 fluid ounces per acre of this product may be applied for annual and perennial weed control prior to crop harvest. Make application at 35 percent grain moisture or less. Ensure that maximum kernel fill is complete and the corn is physiologically mature (black layer formed).

nozzle applications. Allow a minimum of 7 days between a preharvest application and harvest or feeding of corn stover or grain. PRECAUTIONS, RESTRICTIONS: Do not make a preharvest application of this product if more than a combined total of 64 fluid ounces of this product has been previously applied in over-the-top or drop

### Postharvest

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

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

## Roundup Ready Cotton

TYPES OF APPLICATIONS: Preplant, Preemergence, At-Planting, Postemergence (In-crop), Selective Equipment (In-Crop), Preharvest

## **Annual Maximum Application Rates**

o dagi go boi goi o	harvest
2 quarts per acre	Maximum preharvest application rate
4 quarts per acre	Total in-crop applications from ground cracking to layby
5 quarts per acre	Preplant, At-Planting, Preemergence applications
8 quarts per acre	Combined total per year for all applications

PRECAUTIONS, RESTRICTIONS: See the "ROUNDUP READY CROPS" section of this label for general precautionary instructions for use of this product in Roundup Ready crops. See the "PRODUCT INFOR-MATION" section of this label for more information on "Annual Maximum Application Rates." ALLOW A MINIMUM OF 7 DAYS BETWEEN APPLICATION AND HARVEST.

## Preplant, At-Planting, Preemergence

USE INSTRUCTIONS: This product may be applied before, during or after planting. Tank mixtures with other herbicides listed in this label may be used

TANK MIXTURES: This product may be tank-mixed with 2,4-D and Clarity and applied prior to planting only. This product may be tank-mixed with the following products and applied prior to crop emergence. Ensure that the specific product being used in the tank mixture is registered for application prior to the emergence of cotton. Read and follow label directions of all products in the tank mixture.

metolachlor, s-metolachlor, pendimethalin, prometryn, pyrithiobac-sodium. [Insert active ingredient(s) or brand name of product(s) containing the following active ingredients that, at the time of printing, are registered for use prior to the emergence of cotton: diuron, fluometuron

Caparol, Cotoran, Direx, Dual MAGNUM, Prowl, Prowl H20, Stalwart, Staple]

PRECAUTIONS, RESTRICTIONS: The maximum quantity of this product that may be applied for all preplant, at-planting and preemergence applications combined is 5 quarts per acre per season.

## ostemergence (In-crop

USE INSTRUCTIONS: This product may be applied over the top Roundup Ready cotton at rates up to 1 quart per acre per application from the ground cracking stage until the 4-leaf (node) stage of development (until the fifth true leaf reaches the size of a quarter). Applications made after the 4-leaf (node) stage of development may result in boll loss, delayed maturity and/or yield loss.

registered for application postemergence (in-crop) to cotton. Read and follow label directions of all products in the tank mixture. TANK MIXTURES: This product may be tank-mixed with the following products and applied over the top of Roundup Ready cotton: Ensure that the specific product being used in the tank mixture is

azifop-P-butyl, metolachlor, s-metolachlor, pyrithiobac-sodium, sethoxydim, quizalofop-P-ethyl [Insert active ingredient(s) or brand name of product(s) containing the following active ingredients that, at the time of printing, are registered for use postemergence (in-crop) to cotton: clethodim, flu-

Assure II, Dual MAGNUM, Fusilade, Poast Plus, Select, Stalwart, Staple

Staple may cause leaf yellowing and/or leaf crinkling when applied postemergence (in-crop).

Dual Magnum and Stalwart applied over the top of Roundup Ready cotton may cause leaf injury in the form of necrotic spotting to exposed cotton leaves.]

layby. Sequential over-the-top or post-directed applications of this product in-crop must be at least 10 days apart and cotton must have at least two nodes of incremental growth between applications, not add additional surfactant or additives containing surfactant to this product (other than those contained in any tank-mix product) for over-the-top applications to roundup ready cotton. PRECAUTIONS, RESTRICTIONS: The maximum quantity of this product that may be applied for all in-crop applications from ground-cracking to layby combined is 4 quarts per acre per season. No more than two over-the-top broadcast applications may be made from crop emergence through the 4-leaf (node) stage of development. No more than two applications should be made from the 5-leaf stage through

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: SALVAGE TREATMENTS WILL RESULT IN SIGNIFICANT BOLL LOSS, DELAYED MATURITY AND/OR YIELD LOSS, NO MORE THAN ONE SALVAGE TREATMENT SHOULD BE USED PER GROWING SEASON.

## Selective Equipment (In-crop)

low spray pressure (less than 30 pounds per square inch) and place nozzles in a low position, directing a horizontal spray pattern under the cotton leaves and onto weeds in the row For best results, make applications while weeds are small (less than 3 inches). See additional instructions on the use of selective equipment in the "APPLICATION EQUIPMENT AND TECHNIQUES" section of this label. USE INSTRUCTIONS: This product may be applied using precision post-directed or hooded sprayers at rates up to 1 quart per acre per application to Roundup Ready cotton through layby. At this stage, use post-directed equipment to direct the spray to the base of the cotton plants. Avoid contact of the herbicide spray with the cotton leaves to the maximum extent possible. To minimize spray contact maintain

TANK MIXTURES: This product can be tank-mixed with the following products for in-crop application using precision post-directed or hooded sprayers. Ensure that the specific product being used in the tank mixture is registered for application postemergence (in-crop) to cotton. Read and follow label directions of all products in the tank mixture.

[Insert active ingredient(s) or brand name of product(s) containing the following active ingredients that, at the time of printing, are registered for use postemergence (in-crop) to cotton: carfentrazone-ethyl, diuron, flumioxazin, fluometuron, linuron, pendimethalin, prometryn, pyrithiobac-sodium.

Aim, Caparol, Chateau, Cotoran, Direx, Layby-Pro, Prowl H20, Staple, Valor

Staple may cause leaf yellowing and/or leaf crinkling when applied postemergence (in-crop)

PRECAUTIONS, RESTRICTIONS: The maximum quantity of this product that may be applied for all in-crop applications from ground-cracking to layby combined is 4 quarts per acre per season. Sequential over-the-top or post-directed applications of this product in-crop must be at least 10 days apart and cotton must have at least two nodes of incremental growth between applications.

### reharvest

per acre. NOTE: This product will not enhance the performance of harvest aids when applied to Roundup Ready cotton. USE INSTRUCTIONS: This product may be applied for annual and perennial weed control as a broadcast treatment prior to crop harvest after 20 percent boll crack. Apply up to 2 quarts of this product

PRECAUTIONS, RESTRICTIONS: Allow a minimum of 7 days between application and harvest of cotton. Preharvest application is not specified for cotton grown for seed, as a reduction in germination or

ATTENTION: Use of this product in accordance with label directions is expected to result in normal growth of Roundup Ready Cotton, however, due to the sensitivity of cotton fruiting to various environmental conditions, agronomic practices and other factors it is impossible to eliminate 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.

# **Roundup Ready Flex Cotton**

The use of the over-the-top applications described in this section on other than Roundup Ready Flex cotton will cause crop injury and reduced yields. Drift of this product from applications made to Roundup Ready Flex cotton onto adjacent fields of post 4-leaf (node) Roundup Ready cotton may cause extensive injury including boll loss, delayed maturity and/or yield loss.

in the "Roundup Ready Cotton" section (12.5) of this label, or with any other Roundup Ready cotton or Roundup Ready Flex cotton instructions on labeling for this or other glyphosate-containing product Note: The instructions provided in this section are specific to, and should only be used with, varieties designated as Roundup Ready Flex cotton. Do Not combine the instructions in this section, with those

TYPES OF APPLICATIONS: Preplant, At-Planting, Preemergence, Postemergence' (In-crop), Preharvest.

Allilual maxilliulii Alluwabie Application nates	
Combined total per year for all applications	8 quarts per acre
Preplant, At-planting, Preemergence applications	5 quarts per acre
Total in-crop applications from ground cracking to 60 percent open boils	6 quarts per acre
Maximum allowed from 60 percent bolls open to 7 days prior to harvest	2 quarts per acre
Combined total in-crop application from emergence through harvest	6 quarts per acre

of this label for more information on "Annual Maximum PRECAUTIONS, RESTRICTIONS: See the "ROUNDUP READY CROPS" section of this label for general precautionary instructions for use in Roundup Ready crops. See the "PRODUCT INFORMATION" section

Application Rates." Refer to individual tank mixture product label for restrictions and precautions, use according to the most restrictive precautionary statements for each product in the tank mixture

## Preplant, At-Planting, Preemergence

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

TANK MIXTURES: This product may be tank-mixed with 2,4-D or Clarity and applied prior to planting only. This product may be tank-mixed with the following products and applied prior to crop emergence. Ensure that the specific product being used in the tank mixture is registered for application prior to emergence of cotton. Read and follow label directions of all products in the tank mixture.

metolachlor, s-metolachlor, pendimethalin, prometryn, pyrithiobac-sodium. [Insert active ingredient(s) or brand name of product(s) containing the following active ingredients that, at the time of printing, are registered for use prior to the emergence of cotton: diuron, fluometuron.

Caparol, Cotoran, Direx, Dual MAGNUM, Prowl, Prowl H20, Stalwart, Staple]

## Postemergence (In-crop)

equipment may be used to achieve weed coverage. annual grass and broadleaf weeds is specified. This product may be applied postemergence at rates up to 1.5 quarts per acre per application. In addition to broadcast applications, post-directed spray eliminate competing weeds. Many perennial weeds will be controlled or suppressed with one or more applications of this product. In general, an initial application of 1 quart per acre on 1 to 3 inch tall USE INSTRUCTIONS: This product may be applied to control annual grasses and broadleaf weeds listed on this label in Roundup Ready Flex cotton. To maximize yield potential, spray cotton early to

used in the tank mixture is registered for application postemergence (in-crop) to cotton. Read and follow label directions of all products in the tank mixture. TANK MIXTURES: This product may be tank-mixed with the following products and applied postemergence (in-crop) over the top of Roundup Ready Flex cotton. Ensure that the specific product being

azifop-P-butyl, metolachlor, s-metolachlor, pyrithiobac-sodium, quizalofop-p-ethyl, sethoxydim, trifloxysulfuron-sodium. [Insert active ingredient(s) or brand name of product(s) containing the following active ingredients that, at the time of printing, are registered for use postemergence (in-crop) to cotton: clethodim, flu-

Assure II, Dual MAGNUM, Envoke, Fusilade, Poast Plus, Select, Stalwart, Staple

Staple may cause leaf yellowing and/or leaf crinkling when applied postemergence (in-crop).

Dual Magnum and Stalwart applied over the top of Roundup Ready cotton may cause leaf injury in the form of necrotic spotting to exposed cotton leaves.]

surfactant to this product for over-the-top applications to Roundup Ready Flex cotton. acre. The maximum combined total of all applications made from crop emergence to 60 percent open bolls must not exceed 6 quarts per acre. Do not add additional surfactant or additives containing rate of 1 quart per acre of this product when making applications by air. Between layby and 60 percent open bolls, the maximum combined total rate of this product that may be applied is 2 quarts per PRECAUTIONS, RESTRICTIONS: The maximum rate for any single in-crop application of this product is 1.5 quarts per acre made using ground application equipment. In-crop application rates above 1 quart per acre made alone or with the addition of other crop chemical products containing surfactant may cause a crop response including leaf speckling or leaf necrosis. Do not exceed a maximum

### reharvest

not enhance the performance of harvest aids when applied to Roundup Ready Flex cotton. USE INSTRUCTIONS: Up to 2 quarts of this product may be applied for annual and perennial weed control as a broadcast treatment prior to harvest after 60 percent boll crack. NOTE: This product will

PRECAUTIONS, RESTRICTIONS: Allow a minimum of 7 days between application and harvest. Preharvest application is not specified for cotton grown for seed, as a reduction in germination or vigor may

ifications. In some cases, these factors can result in boll loss, delayed maturity and/or yield loss. vironmental conditions, agronomic practices and other factors it is impossible to eliminate all risks associated with this product, even when applications are made in conformance with the label spec-ATTENTION: use of this product in accordance with label directions is expected to result in normal growth of Roundup Ready Flex Cotton, however, due to the sensitivity of cotton fruiting to various en-

## **Roundup Ready Soybeans**

TYPES OF APPLICATIONS: Preplant, Preemergence, At-Planting, Postemergence (in-crop), Preharvest, Post-Harvest.

## **Annual Maximum Application Rates**

Combined total per year for all applications

8 quarts per acre

statements for each product in the tank mixture. PRECAUTIONS, RESTRICTIONS: See the "ROUNDUP READY CROPS" section of this label for precautionary instructions for use in Roundup Ready crops. See the "PRODUCT INFORMATION" section of this label for more information on "Annual Maximum Application Rates." Refer to individual tank mixture product label for restrictions and precautions, use according to the most restrictive precautionary

## Preplant, At-Planting, Preemergence

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

TANK MIXTURES: This product may be tank-mixed with 2,4-D, Banvel or Clarity and applied prior to planting only This product may be tank-mixed with the following products and applied prior to crop emergence. Ensure that the specific product being used in the tank mixture is registered for application prior to emergence of soybeans. Read and follow label directions of all products in the tank mixture.

flumiclorac pentyl ester, flumioxazin, formesafen, imazaquin, imazethapyr, lactofen, linuron, metolachlor, s-metolachlor, metribuzin, pendimethalin, sulfentrazone, tribenuron methyl, quizalofop P-ethyl. soybeans: alachlor, atrazine, carfentrazone-ethyl, chlorimuron ethyl, clethodim, clomazone, cloransulam-methyl, dimethenamid, dimethenamid-p, fenoxyprop, fluazifop-p-butyl, flufenacet, flumetsulam [Insert active ingredient(s) or brand name of product(s) containing the following active ingredients that, at the time of printing, are registered for use preplant, at-planting and/or preemergence to

Aim, Amplify, Assure II, Axiom, Authority, Blanket, Boundary, Canopy, Canopy EX, Classic, Cobra, Command, Command Xtra, Domain, Dual MAGNUM, Dual II MAGNUM, FirstRate, Flexstar, Frontier, Fusion, Gangster, Gauntlet, INTRRO, Lexone, Linex, Linuron, Lorox, Lorox Plus, Me-Too-Lachlor, Micro-Tech, Outlook, Pendimax, Prowl, Prowl H20, Pursuit, Pursuit Plus, Python, Reflex, Resource, Scepter, Select Select MAX, Sencor, Spartan, Squadron, Steel, Valor]

## Postemergence (In-crop

USE INSTRUCTIONS: This product may be used to control annual grasses and broadleaf weeds listed on this label in Roundup Ready soybeans. Applications of this product can be made in from emergence (cracking) through flowering (R2 stage soybeans). R2 stage soybeans ends when a pod reaches. 5 millimeters (0.2 inches) in length at one of the four uppermost nodes on the main stem with a fully developed leaf. Refer to the "ANNUAL WEEDS RATE SECTION" in this label for rate recommendations for specific annual weeds. In general, an initial application of I quart per acre on 2- to 8-inch tall be used up to 2 quarts per acre in any single in-crop application for control of annual weeds and where dense weed populations exist weeds is specified. 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

species to achieve at least 6 inches of growth before spraying with this product A 1 to 2-quarts per acre rate (single or multiple applications) of this product will control or suppress perennial weeds such as: Bermudagrass, Canada thistle, common milkweed, field bindweed, hemp dogbane, horsenettle, marestail (horseweed), nutsedge, quackgrass, rhizome johnsongrass, redvine, trumpetcreeper, swamp smartweed and wirestem muhly. For best results, allow perennial weed

control giant ragweed, it is specified that 1 quart per acre of this product be applied when the weed is 8 to 12 inches tall to increase control and possibly avoid the need for a sequential application 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 STATES, A SEQUENTIAL APPLICATION OF THIS PRODUCT WILL BE REQUIRED TO CONTROL NEW FLUSHES OF WEEDS IN THE ROUNDUP READY SOYBEAN CROP. To

in the tank mixture is registered for application postemergence (in-crop) to soybeans. Read and follow label directions of all products in the tank mixture. TANK MIXTURES: This product may be tank-mixed with the following products and applied postemergence (in-crop) over the top of Roundup Ready soybeans. Ensure that the specific product being used

P-ethyl. sethoxydem, thifensulfuron-methyl. bentazonchlorimuron ethyl, clethodim, imazethapyr, cloransulam-methyl, fenoxyprop, fluazifop-p-butyl, flumiclorac pentyl ester, fomesafen, imazamox, imazethapyr, lactofen, pendimethalin, quizalofop [Insert active ingredient(s) or brand name of product(s) containing the following active ingredients that, at the time of printing, are registered for use postemergence (in-crop) to soybeans: acifluorfen,

Targa, Ultra Blazer.] Arrow, Assure II, Basagran, Classic, Cobra, Extreme, Firsthate, Flexstar, Fusilade DX, Fusion, Harmony GT XP, Poast, Poast Plus, Pursuit, Pursuit, Purs, Raptor, Reflex, Select, Select MAX, Synchrony STS,

per acre. The maximum combined total of this product that can be applied during flowering is 2 quarts per acre. PRECAUTIONS, RESTRICTIONS: The combined 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

### Preharvest

or ground application. USE INSTRUCTIONS: This product may be applied for weed control prior to harvest of soybeans after pods have set and lost all green color. Up to 1 quart per acre of this product can be applied by aerial

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.

### ost-Harvest

USE INSTRUCTIONS: This product may be applied after harvest of Roundup Ready soybeans. 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.

# Roundup Ready Sugar Beet

TYPES OF APPLICATIONS: Preplant, At-Planting, Preemergence, Postemergence (In-crop).

Maximum Annual Application Rates	
Combined total per year for all applications	8 quarts per acre
Preplant, At-planting, Preemergence applications	5 quarts per acre
Emergence to 8-leaf stage	2.5 quarts per acre
Between 8-leaf stage and canopy closure	2 quarts per acre

statements for each product in the tank mixture. PRECAUTIONS, RESTRICTIONS: See the "ROUNDUP READY CROPS" section of this label for general precautionary instructions for use in Roundup Ready crops. See the "PRODUCT INFORMATION" section of this label for more information on "Annual Maximum Application Rates." Refer to individual tank mixture product label for restrictions and precautions, use according to the most restrictive precautionary

## Preplant, At-Planting, Preemergence

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

TANK MIXTURES: This product may be tank-mixed with the following products and applied prior to crop emergence. Ensure that the specific product being used in the tank mixture is registered for application prior to emergence of sugar beet. Read and follow label directions of all products in the tank mixture.

beet: dimethenamid, s-metolachlor. [Insert active ingredient(s) or brand name of product(s) containing the following active ingredients that, at the time of printing, are registered for use preplant, at-planting and/or preemergence to sugar

Dual MAGNUM, Frontier]

## Postemergence (In-Crop)

USE INSTRUCTIONS: This product may be applied over-the-top of Roundup Ready sugar beets for control of annual grasses and broadleaf weeds from emergence to 30 days prior to harvest. To maximize yield potential spray sugar beets early to eliminate competing weeds. Up to 4 sequential applications of this product may be made with at least 10 days between applications. Refer to the "ANNUAL WEEDS RATE SECTION" in this label for rate recommendations for specific annual weeds. 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.

TANK MIXTURES: This product may be tank-mixed with the following products and applied postemergence (in-crop) over the top of Roundup Ready sugar beet. Ensure that the specific product being used in the tank mixture is registered for application postemergence (in-crop) to sugar beet. Read and follow label directions of all products in the tank mixture

[Insert active ingredient(s) or brand name of product(s) containing the following active ingredients that, at the time of printing, are registered for use postemergence (in-crop) to sugar beet: clethodim clopyralid, desmedipham, ethofumesate, phenmedipham, quizalofop-p-ethyl. sethoxydim, trisulfuron-methyl.

Assure II, Betamix, Betanex, Norton SC, Poast, Progress, Select, Stinger, Upbeet]

emergence until the 8-leaf stage is 1.5 quarts per acrebetween last application and sugar beet harvest. PRECAUTIONS, RESTRICTIONS: The combined total application from crop emergence through harvest must not exceed 4.5 quarts per acre. The maximum rate for any emergence until the 8-leaf stage is 1.5 quarts per acre. The maximum rate for any single application between the 8-leaf stage and canopy closure is 1 quart per acre. y single application from crop . Allow a minimum of 30 days

# **NON-CROP USES AROUND THE FARMSTEAD**

TYPES OF APPLICATIONS: Weed Control, Trim-and-Edge, Greenhouse/Shadehouse, Chemical Mowing, Cut Stump, Habitat Management

# Weed Control, Trim-And-Edge

USE INSTRUCTIONS: This product may be used to control annual weeds, perennial weeds and woody brush found in any part of the farmstead, including around building foundations and equipment storage areas, along and in fences, in dry ditches and canals, along ditchbanks, farm roads, rangeland, rights-of-way, shelterbelts, and prior to planting landscape ornamentals. Refer to the "ANNUAL WEEDS" and "PERENNIAL WEEDS" and "WOODY BRUSH AND TREES RATE SECTIONS" in this label for treatment rates. For application through backpack sprayers, handguns or other high-volume sprayto-wet applications, see the "Annual Weeds-Hand-Held or Backpack Equipment" section of this label for further instructions.

TANK MIXTURES: This product may be tank mixed with the following products, provided that the specific product used is registered for treatment of these non-crop sites. Refer to the individual product labels for approved farmstead sites and application rates. For more information, see the "TANK MIXTURES" and "TANK MIXING PROCEDURES" sections of this label.

Arsenal Plateau
Barricade 65WG Princep DF
Crossbow L Princep 4L
Diuron Ronstar 50 WP
Dicamba Sahara
Endurance Simazine
Endurance Simazine

Escort Surflan AS
Goal 2XL Surflan WDG
Karmex DF Telar
Krovar I DF Transline
Outrider Vanouish

Krovar I DF Transline
Outrider Vanquish
Oust Velpar DF
Pendimethalin Velpar L
Pendulum 3.3 EC 2,4-D

Pendulum WDG

This product plus dicamba tank mixtures may not be applied by air in California.

## Greenhouse/Shadehouse

USE INSTRUCTIONS: This product may be used to control weeds in and around greenhouses and shade houses

PRECAUTIONS, RESTRICTIONS: Desirable vegetation must not be present during application. Air circulation fans must be turned off. Do not use in residential greenhouses

## Chemical Mowing

Use 64 fluid ounces of this product per acre when treating torpedograss or paragrass. Apply treatments in 10 to 20 gallons of spray solution per acre. Chemical mowing applications may be made along Use 8 fluid ounces of this product per acre when treating tall fescue, fine fescue, orchardgrass, bahiagrass or quackgrass covers. Use 16 fluid ounces of this product per acre when treating Bermudagrass farm ditches and other parts of farmsteads. USE INSTRUCTIONS: This product will suppress perennial grasses listed in this section to serve as a substitute for mowing. Use 6 fluid ounces of this product per acre when treating Kentucky bluegrass

PRECAUTIONS, RESTRICTIONS: Use only in areas where some temporary injury or discoloration of perennial grasses can be tolerated

## Cut Stump

TYPES OF APPLICATIONS: Treating cut stumps in any non-crop site listed on this label

USE INSTRUCTIONS: This product will control regrowth of cut stumps and resprouts of many types of woody brush and tree species, some of which are listed below. Apply this product using suitable equipment to ensure coverage of the entire cambium. Cut trees or resprouts close to the soil surface. Apply a 50 to 100 percent solution of this product to the freshly cut surface immediately after cutting. Delays in application may result in reduced performance. For best results, applications should be made during periods of active growth and full leaf expansion.

Alder Reed, giant
Eucalyptus Salt-cedar
Madrone Sweetgum
Oak Tan oak
Pepper, brazilian Willow

Pine, Austrian

or more trees sharing common roots are treated share the same root system. Adjacent trees having a similar age, height and spacing may signal shared roots. Whether grafted or shared, injury is likely to occur to non-treated stems/trees when one PRECAUTIONS, RESTRICTIONS: Do not make cut stump applications when the roots of desirable woody brush or trees may be grafted to the roots of the cut stump. Some sprouts, stems, or trees may

## **Habitat Management**

TYPES OF APPLICATIONS: Habitat Restoration and Maintenance, Wildlife Food Plots.

## **Habitat Restoration and Maintenance**

to planting desirable native species, and for similar broad-spectrum vegetation control requirements in habitat management areas. Spot treatments can be made to selectively remove unwanted plants USE INSTRUCTIONS: This product may be used to control exotic and other undesirable vegetation in habitat management areas. Applications can be made to allow recovery of native plant species, prior for habitat maintenance and enhancement

## Wildlife Food Plots

For specific product instructions for Roundup Ready canola wildlife food plots, see the "ROUNDUP READY CANOLA" section of this label USE INSTRUCTIONS: This product may be used as a site preparation treatment to control annual and perennial weeds prior to planting wildlife food plots. Any wildlife food species, including Roundup ready canola, may be planted after applying this product, or native species may be allowed to repopulate the area. If tillage is needed to prepare a seedbed, wait 7 days after application before tillage.

wildlife food plots to livestock. There are no rotational restrictions for planting any wildlife food species or for allowing native species to repopulate the area following applications of this product. PRECAUTIONS, RESTRICTIONS: Do not process treated Roundup ready canola seeds from Roundup ready canola wildlife food plots for food. Do not graze or feed treated Roundup Ready canola from

# ANNUAL WEEDS RATE SECTION

weeds listed in the table below: When water carrier volumes are between 16 and 40 gallons per acre for ground applications and between 6 and 15 gallons per acre for aerial applications, the following use rates will control the annual

- 1 quart per acre grass and broadleaf annual weeds less than 6 inches in height or circumference and vines less than 3 inches in length.
  3 pints per acre grass and broadleaf annual weeds 6 to 12 inches in height or circumference and vines 3 to 6 inches in length.
  2 quarts per acre grass and broadleaf annual weeds greater than 12 inches in height or circumference and vines greater than 6 inches in length.

WHEN WATER CARRIER VOLUMES ARE BETWEEN 3 AND 15 GALLONS PER ACRE FOR GROUND APPLICATIONS AND BETWEEN 3 AND 5 GALLONS PER ACRE FOR AERIAL APPLICATIONS, USE THE RATES SPECIFIED FOR INDIVIDUAL WEEDS AS FOLLOW IN THE "ANNUAL WEEDS RATE TABLE (Alphabetically by Species)".

Apply to actively growing annual weeds. Annual weeds are generally easiest to control when they are small.

Older, mature (hardened) annual weed species may require higher rates even if they meet the size requirements

Maximum size refers to the maximum plant height, length of runners for vines, or circumference of rosette plants in inches

Do not tank mix with soil residual herbicides when using these rates unless otherwise specified.

For weeds that have been mowed, grazed or cut, allow regrowth to occur prior to treatment

This product may be used up to 64 fluid ounces per acre where heavy weed densities exist

# ANNUAL WEEDS RATE TABLE (Alphabetically by Species)

	Dwarfdandelion	Devilsclaw (unicorn plant)	Cutleaf evening primrose	Crowfootgrass	Crabgrass	Corn speedwell	Corn, volunteer	Coreopsis, plains	Copperleaf, Virginia	Copperleaf, hophornbean	Cocklebur	Chickweed	Chervil	Cheat <sup>2</sup>	Carpetweed	Carolina geranium	Buttercup	Burcucumber	Buckwheat, wild <sup>3</sup>	Browntop panicum	Brome, Japanese	Brome, downy <sup>1,2</sup>	Bluegrass, bulbous	Bluegrass, annual	Bittercress	Beggarweed, Florida	Bassia, fivehook	Barnyardgrass	Barley	Anoda, spurred	Ammannia, purple			WEED SPECIES	
	12	1	I	ı	ω	12	6	ı	ı	ı	12	ı	20	6	I	ı	12	1	1	6	6	6	6	10	12	1	1	ı	18	1	ယ		16		
	ı	ယ	I	ı	6	ı	12	6	2	2	18	12	I	20	6	ı	20	6	_	8	12	12	ı	I	20	Οī	ı	ω	18+	2	6		24		
	I	6	ω	6	12		20	12	4	4	24	18	ı	ı	12	4	ı	12	2	12	24	ı	ı	ı	ı	8	6	6	I	ω	12	Maximum size (in inches)	32	(fluid ounces per acre)	RATE
	ı	ı	I	ı	ı	ı	ı		ı	ı	ı	ı	ı	ı	I	ı	ı	ı	1	ı	ı	ı	ı	ı	ı	ı	ı	7	I	Sī	ı		40		
(continued)	I	ı	6	12	ı	ı	ı	18	6	6	36	ı	ı	1	1	9	ı	18	1	24	ı	ı	1	ı	1	ı	1	9	ı	∞	18		48		

# ANNUAL WEEDS RATE TABLE (Alphabetically by Species) (continued)

	12	5 19 19 19 19 19 19 19 19 19 19 19 19 19	al. 6	, I	, giant ' - b	л * О		ı	- 12	12	3	- 4	ack – 4	6 12	6 12	6 12	6 19	1 1	מוער כ		B/S',		3 to 1	I Cos	ass, seedling 6 12	ed	6	veed/Marestail (Convza Canadensis)* – 6		mon I	ا ی	ım (milo) 6 12		12	13		3	vonyza bonariensis) – – –	ne, annual 6 20	l <u>F</u>	n   15	mailseed 12 – 6	_ 20	nicum 4 –	4-1	12	16 24 Maximum aira (in inaba)	(fluid ou	RATE
- 20																																															32 40		RATE
1 1	ı	- 12	<u>,</u>	ı	18	1 18	; <b>6</b>	1	ı	I	ı	12	12	I	I	I	1 (	ກ <sub>ເ</sub>	18	1 1	20	2 1	- 12	; œ	24	18	18	18 1	12 0	o 1	9	1	12	ı	1 1	 6	ı	10	ı i	12	ı		1	12	1	I	48	;	

# ANNUAL WEEDS RATE TABLE (Alphabetically by Species) (continued)

			RATE		
WEED SPECIES			(fluid ounces per acre)		
	16	24	32	40	48
			Maximum size (in inches)		
Sicklepod	I	2	4	I	œ
Signalgrass, broadleaf	I	ω	6	7	9
Smartweed, ladysthumb	I	I	6	ı	9
Smartweed, Pennsylvania	ı	I	6	I	9
Sowthistle, annual	ı	ı	6	ı	12
Spanishneedles	ı	ı	6	ı	12
Speedwell, purslane	12	ı	I	ı	ı
Sprangletop	6	12	20	ı	ı
Spurge, prostrate	ı	6	12	ı	ı
Spurge, spotted	ı	6	12	ı	ı
Spurry, umbrella	6	I	I	I	ı
Stinkgrass	ı	12	I	I	ı
Sunflower	12	18	I	ı	ı
Swinecress	ı	5	12	ı	ı
Teaweed/ Prickly sida	ı	2	4	ı	6
Texas panicum	6	8	12	I	24
Thistle, Russians	ı	6	12	ı	ı
Velvetleaf	ı	ı	6	ı	12
Virginia pepperweed	ı	18	I	I	ı
Waterhemp *	ı	I	6	ı	12
Wheat <sup>2</sup>	6	12	18	I	ı
Wheat, (overwintered)	ı	6	12	I	18
Wild oats	ω	6	18	I	ı
Wild proso millet	ı	6	12	I	18
Witchgrass	ı	12	ı	1	1
Woolly cupgrass	ı	6	12	ı	ı
Yellow rocket	I	12	20	ı	ı
<sup>1</sup> For control of downy brome in no-till system	s, use 24 fluid ounces per acre.				
<sup>1</sup> For control of downy brome in no-till systems, use 24 fluid ounces per acre.	ıs, use 24 fluid ounces per acre.				

# Annual Weeds - Tank Mixtures with 2,4-D or Dicamba or Tordon 22K

Better control of certain tough weeds can be achieved by tank mixing this product with 0.25 pound of dicamba, 0.5 pound of 2,4-D or 1 to 2 fluid ounces of Tordon 22K per acre. These other herbicides, combined with the rates of this product specified in the "ANNUAL WEEDS RATE TABLE" above, will control the following weeds up to the maximum height or length indicated: 6"-prickly lettuce, marestail/horseweed, morning glory, kochia (dicamba only) wild buckwheat (Tordon 22K only); 12"-cocklebur, lambsquarters, pigweed, Russian thistle (2,4-D only).

For better control of common ragweed, giant ragweed, Pennsylvania smartweed, or velvetleaf with a maximum height of 6-inches, tank mix this product with 0.5 pound of 2,4-D per acre

DO NOT APPLY DICAMBA TANK MIXTURES BY AIR IN CALIFORNIA. Ensure that the specific product is registered for application at the desired site. Follow all precautions and limitations on the tank mix product's label, including application timing restrictions, soil restrictions, minimum re-cropping interval and rotational guidelines. Some crop injury may occur if dicamba or Tordon 22K is applied within 45 days of planting.

Annual Weeds — Hand-Held or Backpack Equipment
For control of weeds listed in the "ANNUAL WEEDS RATE TABLE" above, apply a 0.5-percent solution of this product to weeds less than 6 inches in height or runner length. Apply prior to seedhead formation in grass or bud formation in broadleaf weeds. For annual weeds over 6 inches tall, or unless otherwise specified, use a 1-percent solution.

For best results, use a 2-percent solution on harder-to-control perennials, such as Bermudagrass, dock, field bindweed, hemp dogbane, milkweed and Canada thistle

When using application methods that result in less than complete coverage, use a 5-percent solution for annual and perennial weeds and a 5- to 10-percent solution for woody brush and trees

14.3 Annual Weeds-Tank Mixtures with Atrazine for Fallow and Reduced Tillage Systems

For use only in Colorado, Kansas, Nebraska, Oklahoma, Oregon, South Dakota, and Washington. In Oregon and Washington, do not exceed 1 pound of atrazine per acre

<sup>&</sup>lt;sup>2</sup> Performance is better if application is made before this weed reaches the boot stage of growth.

<sup>3</sup> Use 24 fluid ounces per acre of this product to control wild buckwheat in the cotyledon to 2-leaf stage. Use 32 fluid ounces per acre to control 2- to 4-leaf wild buckwheat. For improved control of wild buckwheat over 2 inches in size, use sequential treatments of 32 fluid ounces followed by 32 fluid ounces of this product per acre.

<sup>&</sup>lt;sup>4</sup> Do not treat kochia in the button stage.

<sup>&</sup>lt;sup>5</sup> Control of Russian thistle may vary based on environmental conditions and spray coverage. Whenever possible, a tank mixture with 2,4-D as described below may improve control.

www.weedresistancemanagement.com for more information. \*A glyphosate resistant biotype has been confirmed. For additional information, refer to the "WEED RESISTANCE MANAGEMENT" section of this label. You may also visit www.weedscience.org or

Applications of 24 to 28 fluid ounces of this product plus 1 to 2 pounds of atrazine per acre will control the following weeds: Barnyardgrass (requires 28 ounces for control), Downy brome, Green foxtail, Lambsquarters, Prickly lettuce, Tansy mustard, Pigweed, Field sandbur, Stinkgrass, Russian thistle, Volunteer wheat, Witchgrass and Kochia (add 0.12 pound of dicamba for control).

Ensure that the specific product is registered for application at the desired site. Follow all precautions and limitations on the tank mix product's label, including application timing restrictions, soil restrictions, minimum re-cropping interval and rotational guidelines.

# PERENNIAL WEEDS RATE SECTION

Apply to actively growing perennial weeds.

NOTE: If weeds have been mowed or tilled, do not treat until plants have resumed active growth and have reached the specified stages.

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

Repeat treatments must be made prior to crop emergence.

Unless otherwise stated, allow 7 or more days after application before tillage. Best results are obtained when soil moisture is adequate for active weed growth.

# PERENNIAL WEEDS RATE TABLE (Alphabetically by Species)

		EDENNIAL MED	DO DATE TABLE (	Encinial weeds hate (alphabetically by species)
WEED SPECIES	RATE (Q/A)	WATER VOLUME	HAND-HELD % SOLUTION	COMMENTS
Alfalfa	_	3-10	2%	Make applications after the last hay cutting in the fall. Allow alfalfa to regrow to a height of 6 to 8 inches or more prior to treatment. Applications should be followed with deep tillage at least 7 days after treatment, but before soil freeze-up.
Alligatorweed	4	3-20	1.5%	For partial control, apply when most of the plants are in bloom. Repeat applications will be required to achieve control.
Anise (fennel)	I	_	1-2%	Apply as a spray-to-wet treatment.
Bahiagrass	3-5	3-20	2%	
Bentgrass	ა-5	10-20	2%	For suppression in grass seed production areas. For ground applications only. Ensure entire crown area has resumed growth prior to a fall application. Bentgrass should have at least 3 inches of growth. Tillage prior to treatment should be avoided. Tillage 7 to 10 days after application is specified for best results.
Bermudagrass	3-5	3-20	2%	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. Retreatment may be necessary to achieve control.
Bermudagrass, water (knotgrass)	1-1.5	5-10	2%	Apply 3 pints of this product in 5 to 10 gallons of water per acre. Apply when water Bermudagrass is 12 to 18 inches in length. Allow 7 or more days before tilling, flushing or flooding the field.
				Fall applications only: Apply 1 quart this product in 5 to 10 gallons of water per acre. Fallow fields should be tilled prior to application. Apply prior to frost on water Bermudagrass that is 12 to 18 inches in length.
Bindweed, field	0.5-5	3-20	2%	Do not treat when weeds are under drought stress as good soil moisture is necessary for active growth.
				For control, apply 4 to 5 quarts of this product per acre west of the Mississippi River and 3 to 4 quarts per acre east of the Mississippi River. Apply when the weeds are at or beyond full bloom. For best results, apply in late summer or fall. Fall treatments must be applied before a killing frost.
				Also for control, apply 2 quarts of this product plus 0.5 pound of dicamba in 10 to 20 gallons of water per acre. Do not apply by air.
				For suppression on irrigated agricultural land, apply 1 to 2 quarts of this product plus 1 pound 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. Irrigate at least once to promote active bindweed growth.
				For suppression, apply 1 pints of this product plus 0.5 pound of 2,4-D, in 3 to 10 gallons of water per acre for ground applications, and 3 to 5 gallons of water per acre for aerial applications. Apply by air in fallow and reduced tillage systems only. Applications should be delayed until maximum emergence has occurred and when vines are between 6 to 18 inches in length.

(continued)

# PERENNIAL WEEDS RATE TABLE (Alphabetically by Species) (continued) WATER HAND-HELD

Fescue, tall	Fescue (except tall) 1		Dogbane, hemp	Dock, curly <sup>1</sup>	Dandelion <sup>1</sup>	Dallisgrass <sup>2</sup>	Congongrass	Clover; red or white 1	Cattail <sup>2</sup>	Canarygrass, reed 2	Bursage, woolly-leaf	Bromegrass, smooth	Brackenfern	Blueweed, Texas	Bluegrass, Kentucky	Bindweed, field (continued)	WEED SPECIES
1-3	3-5		4	3-5	3-5	3-5	3-5	3-5	3-5	2-3	ı	1-2	3-4	<b>ပ</b> ာ	1-2	0.5-5	(Q/A)
3-40	3-20		3-40	3-40	3-20	3-20	10-40	3-20	3-40	3-40	3-20	3-40	3-40	3-40	3-40	3-20	VOLUME
2%	2%		2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	1-1.5%	2%	2%	2%	MAND-HELD % SOLUTION
Apply 3 quarts of this product per acre when most plants have reached boot-to-early seed-head stage of development.  Fall applications only: Apply 1 quart of this product in 3 to 10 gallons of water per acre. Apply to fescue in the fall when plants have 6 to 12 inches of new growth. A sequential application of 1 pint per acre of this product will improve long-term control and control seedlings germinating after fall treatments or the following spring.		results, apply in late summer or fall.  For suppression, apply 1 pint of this product plus 0.5 pound of 2,4-D, 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.	Apply when most plants 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	Also for control, apply 1 to 2 pints of this product plus 0.5 to 1 pound of 2,4-D, in 3 to 10 gallons of water per acre.	Also for control, apply 1 pint of this product plus 0.5 pound of 2,4-D, in 3 to 10 gallons of water per acre.		Apply when cogongrass is at least 18 inches tall in late summer or fall. Due to uneven stages of growth and the dense nature of vegetation preventing good spray coverage, repeat treatments may be necessary to achieve control.	Also for control, apply 16 to 32 fluid ounces of this product plus $0.5$ to 1 pound of 2,4-D, in 3 to 10 gallons of water per acre.			For control, apply 2 quarts of this product plus 0.5 pound of dicamba per acre. For partial control, apply 1 quart of this product plus 1/2 pound of dicamba per acre. Apply when plants are producing new active growth which has been initiated by moisture for at least 2 weeks and when plants are at or beyond flowering.	Apply 2 quarts of this product in 10 to 40 gallons of water per acre when most plants have reached boot-to-early seedhead stage of development. For partial control in pasture or hay crop renovation, apply 1 to 1.5 quarts of this product in 3 to 10 gallons of water per acre. Apply to actively growing plants when most have reached 4 to 12 inches in height.	Apply to fully expanded fronds that are at least 18 inches long.	Apply 4 to 5 quarts of this product per acre west of the Mississippi River and 3 to 4 quarts per acre east of the Mississippi River. Apply when plants are at or beyond full bloom. New leaf development indicates active growth. For best results, apply in late summer or fall. Fall treatments must be applied before a killing frost.	Apply 2 quarts of this product in 10 to 40 gallons of water per acre when most plants have reached boot-to-early seedhead stage of development. For partial control in pasture or hay crop renovation, apply 1 to 1.5 quarts of this product in 3 to 10 gallons of water per acre. Apply to actively growing plants when most have reached 4 to 12 inches in height.	In California 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 in 3 to 10 gallons of water per acre. Apply to bindweed that has reached a length of 12 inches or greater. Allow maximum weed emergence and runner growth. Allow 3 or more days after application before tillage.	COMMENTS

(continued)

# PERENNIAL WEEDS RATE TABLE (Alphabetically by Species) (continued)

(continued)	- 36 -			
Apply 3 quarts of this product per acre or apply a 1 to 2 percent solution for control of nutsedge plants and immature nutlets attached to treated plants. Treat when plants are in flower or when new nutlets can be found at rhizome tips. Nutlets that have not germinated will not be controlled and may germinate following treatment. Repeat treatments will be required for long-term control of ungerminated tubers.  Sequential applications: 1 to 2 quarts of this product in 3 to 10 gallons of water per acre will also provide control. Make applications when a majority of the plants are in the 3- to 5-leaf stage (less than 6 inches tall). Repeat this application, as necessary, when newly emerging plants reach the 3- to 5-leaf stage. Subsequent applications will be necessary for long-term control.  For partial control of existing plants, apply 1 pint to 2 quarts of this product 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.	1-2%	3-40	0.5-3	Nutsedge, purple or yellow
Applications should be made when at least 60 percent of the plants have berries. Fall treatments must be applied before a killing frost.	2%	3-10	2	Nightshade, silverleaf
	2%	3-20	3-5	Napiergrass <sup>2</sup>
	2%	3-20	3-5	Mullein, common <sup>1</sup>
Use 1 quart of this product in 3 to 10 gallons of water per acre. Use 2 quarts of this product when applying 10 to 40 gallons of water per acre or in pasture, sod, or non-crop areas. Spray when the wirestem muhly is 8 inches or more in height. Do not till between harvest and fall applications, or in the fall or spring prior to spring applications. Allow 3 or more days after application before tillage.	2%	3-40	1-2	Muhly, wirestern
Apply when most plants have reached the late bud to flower stage of growth.	2%	3-40	3	Milkweed, common
	2%	3-20	3-5	Lespedeza 1
Apply at or beyond the bloom stage of growth. Use the higher application rate for plants that have reached the woody stage of growth.	1-1.25%	I	I	Lantana
Apply when most plants have reached the late bud to flower stage of growth. For best results, apply in late summer or fall.	2%	3-40	4	Knapweed
Spray when most kikuygrass is at least 8 inches in height (3- or 4-leaf stage of growth). Allow 3 or more days after application before tillage.	2%	3-40	2-3	Kikuygrass
acre before the plants reach a height of 12 inches. For this use, allow at least 3 days after treatment before tillage.  Spot treatment (partial control or suppression) — Apply a 1-percent solution of this product when Johnsongrass is 12 to 18 inches in height. Coverage should be uniform and complete.				
For best results, apply when most plants have reached the boot-to-head stage of growth or in the fall prior to frost. Allow 7 or more days after application before tillage. Do not tank mix with residual herbicides when using 1 quart of this product per acre.				
In annual cropping systems, apply 1 to 2 quarts of this product per acre. Apply 1 quart of this product in 3 to 10 gallons of water per acre. Use 2 quarts of this product when applying 10 to 40 gallons of water per acre. In non-crop areas, or areas where annual tillage (no-till) is not practiced, apply 2 to 3 quarts of this product in 10 to 40 gallons of water per acre.	1%	ა-40	0.5-3	Johnsongrass
	2%	3-20	3-5	Jerusalem artichoke <sup>1</sup>
Thorough coverage is necessary for best control.	1.5-2%	ı	ı	Iceplant 1
Apply when most plants have reached the late bud to flower stage of growth. For best results, apply in late summer or fall.	2%	3-40	4	Horseradish
	2%	3-20	ა-5	Horsenettle 1
Apply when most plants have reached at least the 7-leaf stage of growth. Ensure thorough coverage when using hand-held equipment. In Texas and ridge of Florida, use 2 quarts of this product per acre for control. In the flatwoods region of Florida, 3 quarts of this product per acre are required for control.	1%	3-40	2-3	Guineagrass
COMMENTS	HAND-HELD % SOLUTION	WATER VOLUME	RATE (Q/A)	WEED SPECIES
architect (common)	,			

# PERENNIAL WEEDS RATE TABLE (Alphabetically by Species) (continued) WATER HAND-HELD

Apply when most plants 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 and rosette development prior to the application of this product. Fall treatments must be applied before a killing frost. Allow 3 or more days after application before tillage.  (continued)	2%	3-40	2.3	sowmstie, perennial
Also for control, apply 1 pint of this product plus 0.5 pound of 2,4-D, in 3 to 10 gallons of water per acre in the late summer or fall.	2%	3-40	- ဟ - ဟ	Smartweed, swamp 1
In annual cropping systems, apply 1 to 2 quarts of this product per acre. Apply 1 quart of this product in 3 to 10 gallons of water per acre. Use 2 quarts of this product when applying 10 to 40 gallons of water per acre. In non-crop areas, or areas where annual tillage (no-till) is not practiced, apply 2 to 3 quarts of this product in 10 to 40 gallons of water per acre. For best results, apply when most plants have reached the boot-to-head stage of growth or in the fall prior to frost. Do not tank-mix with residual herbicides when using 1 quart of this product per acre.	1%	3-40	<u>:</u>	Ryegrass, perennial
Best results are obtained when applications are made in late summer to fall.	2%	ı	ı	Reed, giant
For suppression, apply 1.5 pints 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 specified rates in 5 to 10 gallons of water per acre. Apply in late September or early October to plants that 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.	2%	5-10	0.75-2	Redvine
In annual cropping systems, or in pastures and sods followed by deep tillage: Apply 1 quart of this product in 3 to 10 gallons of water per acre. For 10 to 40 gallons of water per acre, apply 2 quarts of this product. Do not tank mix with residual herbicides when using the 1-quart rate. Spray when quackgrass is 6 to 8 inches in height. 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, use a moldboard plow for best results. In pastures, sods or non-crop areas where deep tillage does not follow application: Apply 2 to 3 quarts of this product in 10 to 40 gallons of water per acre when the quackgrass is greater than 8 inches tall.	2%	3-40	1-3	Quackgrass
Apply to actively growing plants up to 24 inches tall.	2%	3-40	1	Pokeweed, common
For hand-held, apply as a spray-to-wet treatment. Optimum results are obtained when plants are treated at the bud to full-bloom stage of growth. Thorough coverage is necessary for best control.	1-2%	1	1	Poison hemlock
For partial control and best results, treat during late summer or fall when plants are actively growing and in full bloom. Treatment before or after this stage may result in reduced control. Due to the dense nature of this vegetation that may prevent good spray coverage or uneven stages of growth, repeat treatments may be necessary to achieve control. Visual control symptoms will be slow to develop.	1-2%	10-40	3-5	Phragmites
	2%	3-20	3-5	Paragrass <sup>2</sup>
Pampasgrass should be at or beyond the boot stage of growth. Thorough coverage is necessary for best control.	1.5-2%	I	1	Pampasgrass
Apply 2 quarts of this product in 10 to 40 gallons of water per acre when most plants have reached boot-to-early seedhead stage of development. For partial control in pasture or hay crop renovation, apply 1 to 1.5 quarts of this product in 3 to 10 gallons of water per acre. Apply to actively growing plants when most have reached 4 to 12 inches in height. Orchardgrass sods going to no-till corn: Apply 1 to 1.5 quarts of this product in 3 to 10 gallons of water per acre. Apply to orchardgrass that is a minimum of 12 inches tall for spring applications, and 6 inches tall for fall applications.  Allow at least 3 days following application before planting. A sequential application of atrazine will be necessary for optimum results.	2%	3-40	1-2	Orchardgrass
COMMENTS	% SOLUTION	VOLUME	(Q/A)	WEED SPECIES
		WATED	DATE	

# PERENNIAL WEEDS RATE TABLE (Alphabetically by Species) (continued)

WEED SPECIES	RATE (Q/A)	WATER VOLUME	HAND-HELD % SOLUTION	COMMENTS
Spurge, leafy	1	3-10	2%	For suppression, apply 1 pint of this product plus 0.5 pound of 2,4-D in 3 to 10 gallons of water per acre in the late summer or fall. If mowing has occurred prior to treatment, apply when most plants are 12 inches tall.
Starthistle, yellow	2	10-40	2%	Best results are obtained when applications are made during the rosette, bolting and early flower stages.
Sweet potato, wild	ı	1	2%	For partial control, apply to plants that are at or beyond the bloom stage of growth. Repeat applications may be required.
Thistle, artichoke	ı	1	2%	For partial control, apply to plants that are at or beyond the bloom stage of growth. Repeat applications may be required.
Thistle, Canada	2-3	3-40	2%	Apply when most plants 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 and rosette development prior to the application of this product. Fall treatments must be applied before a killing frost. Allow 3 or more days after application before tillage.  For suppression in the spring, apply 1 quart of this product, or 1 pint of this product plus 0.5 pound of 2,4-D, in 3 to 10 gallons of water per acre. Allow rosette regrowth to a minimum of 6 inches in diameter before treating. Applications can be made as long as leaves are still green and plants are actively growing at the time of application. Allow 3 or more days after application before tillage.
Timothy <sup>2</sup>	2-3	3-40	2%	
Torpedograss	4-5	3-40	2%	For partial control, apply when most plants are at or beyond the seedhead stage of growth. Repeat applications will be required to achieve control. Fall treatments must be applied before frost.
Trumpetcreeper	2	5-10	2%	For partial control, apply in late September or October, to plants that 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.
Vaseygrass <sup>2</sup>	3-5	3-20	2%	
Velvetgrass <sup>2</sup>	3-5	3-20	2%	
Wheatgrass, western 2	2-3	3-40	2%	
1 Annly when most plants have reached the early hild stage of growth	eached the early hi	id stage of growth		

<sup>&</sup>lt;sup>1</sup> Apply when most plants have reached the early bud stage of growth.

WOODY BRUSH AND TREES RATE SECTION

Apply this product after full leaf expansion, unless otherwise directed. Use the higher rate for larger plants and/or dense areas of growth. On vines, use the higher rate for plants that have reached the woody stage of growth. Best results are obtained when application is made in late summer or fall after fruit formation.

In arid areas, best results are obtained when applications are made in the spring to early summer when brush species are at high moisture content and are flowering.

Unless otherwise directed, apply broadcast treatments in 3 to 40 gallons of water per acre. 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 seed. 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 following a frost.

 $<sup>^{\</sup>rm 2}\,\mbox{Apply}$  when most plants have reached the early heading stage of growth.

# **WOODY BRUSH AND TREES RATE TABLE (Alphabetically by Species)**

WEED SPECIES	RATE (QT/A)	WATER VOLUME (GPA)	% SOLUTION
Alder	3-4	3-40	1-1.5%
Ash 1	2-5	3-40	1-2%
Aspen, quaking	2-3	3-40	1-1.5%
Bearmat (Bearclover) 1	2-5	3-40	1-2%
Beech 1	2-5	3-40	1-2%
Birch	2-3	3-40	1-1.5%
Blackherry	3-4	10-40	4 4 50/

a killing frost or as long as steins are green. After berries have set or dropped in late fall, blackberry can be controlled by applying a 0.75 percent solution of this product. 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.

1-2% (continued)	3-40	2-5	Manzanita 1
	r treatments.	lts are obtained with spring/early summer	Apply to resprouts that are 3 to 6 feet tall. Best results are obtained with spring/early summer treatments.
	2%		Madrone resprouts 1
1-2%	3-40	2-4	Locust, black <sup>1</sup>
		trol.	Repeat applications may be required to achieve control
2%	3-40	4-5	Kudzu
1-2%	3-40	2-5	Hornbeam, American <sup>1</sup>
1-1.5%	3-40	3-4	Honeysuckle
1-2%	3-40	2-5	Hickory 1
1-1.5%	3-40	2-3	Hazel
1-1.5%	3-40	2-3	Hawthorn
1-2%	I	I	Hasardia <sup>1,2</sup>
1-2%	3-40	2-5	Gorse 1
1-2%	3 -40	2 - 5	Florida holly (Brazilian Peppertree) <sup>1</sup>
	ite coverage.	prouts are 6 to 12 feet tall. Ensure complet	For control of eucalyptus resprouts, apply when resprouts are 6 to 12 feet tall. Ensure complete coverage. Avoid application to drought-stressed plants.
2%	I	I	Eucalyptus
1-2%	3-40	2-5	Elm 1
1-1.5%	3-40	2-3	Elderberry
1-2%	3-40	2-5	Dogwood 1
		e fully developed.	Apply when at least 50 percent of the new leaves are fully developed.
1.5-2%	I	I	Coyote brush
1-1.5%	3-40	2-3	Cherry; bitter, black, pin
1%	I	1	Chamise <sup>2</sup>
1-2%	3-40	2-5	Ceanothus 1
1-1.5%	I	I	Catsclawl
1-2%	3-40	2-5	Cascara <sup>1</sup>
1-2%	I	I	Buckwheat, California <sup>1,2</sup>
1.5-2%	1	1	Broom; French, Scotch
1-2%	3-40	2-5	Bracken
1-2%	3-40	2-5	Blackgum

# WOODY BRUSH AND TREES RATE TABLE (Alphabetically by Species) (continued)

WOODT BRU	OF AND IREES RAIL	WOODT BROSH AND TREES RATE TABLE (Alphabetically by Species) (continued)	by species) (continued)
WEED SPECIES	RATE (QT/A)	WATER VOLUME (GPA)	HAND-HELD % SOLUTION
Maple, red	2-4	3-40	1-1.5%
Apply a 1- to 1.5-percent solution when at least 50 percent of the new leaves are fully developed. For partial control, apply 2 to 4 quarts of this product	cent of the new leaves are fully	developed. For partial control, apply	2 to 4 quarts of this product per acre.
Maple, sugar Apply when at least 50 percent of the new leaves are fully developed.	- lly developed.	I	1-1.5%
Monkey flower 1,2	ı	ı	1 - 2%
0ak, black, white 1	2-4	3-40	1 -2%
Oak, post	3-4	3-40	1-1.5%
Oak, northern Apply when at least 50 percent of the new pin leaves are fully developed	e fully developed		1-1.5%
Oak; southern red	2-3	3-40	1-1.5%
Persimmon <sup>1</sup>	2-5	3-40	1-2%
Pine	2-5	3-40	1-2%
Poison ivy/Poison oak Repeat applications may be required to achieve control. Fall treatments must be applied before leaves lose green color.	4-5 Fall treatments must be appli	3-40 ed before leaves lose green color.	2%
Poplar, yellow <sup>1</sup>	2-5	3-40	1-2%
Redbud, eastern	2-5	3-40	1-2%
Rose, multiflora  7  Treatments should be made prior to leaf deterioration by leaf-eating insects.	2 / leaf-eating insects.	3-40	1%
Russian olive 1	2-5	3-40	1-2%
Sage, black 1,2	I	I	1%
Sage, white 1	2-5	3-40	1-2%
Sage brush, California <sup>2</sup>	1	1	1%
Salmonberry	2-3	3-40	1-1.5%
Salt-cedar	2-5	3-40	1-2%
Sassafras <sup>1</sup>	2-5	3-40	1-2%
Sourwood 1	2-5	3-40	1-2%
Sumac; poison, smooth, winged 1	2-4	3-40	1-2%
Sweetgum	2-3	3-40	1-1.5%
Swordsfern <sup>1</sup>	2-5	3-40	1 -2%
Tallowtree, Chinese 2	I	I	1%
Tan oak resprouts <sup>1</sup> Apply to resprouts that are less than 3 to 6 feet tall. Best results are obtained with fall applications.	st results are obtained with fall	applications.	2%
Thimbleberry	2-3	3- 40	1-1.5%
Tobacco, tree 1	I	I	1-2%
Trumpetcreeper	2-3	3- 40	1-1.5%
Vine maple <sup>1</sup>	2-5	3- 40	1-2%
Virginia creeper	2-5	3- 40	1- 2%
Waxmyrtle, Southern 1	2-5	3- 40	1- 2%
Willow	3-4	3- 40	1-1.5%
1 Partial Control			

<sup>&</sup>lt;sup>1</sup> Partial Control
<sup>2</sup> Thorough coverage of foliage is necessary for best results.



## ERASER™ A/P

### **HERBICIDE**

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.

- 41% Concentrate with Surfactant
- Mixing Rates: Use 1 1/3 oz. per gallon of water to control most annual weeds. Use 2 2/3 oz. to control most perennial weeds. Refer to label booklet for specific instructions
- Non-selective, broad-spectrum weed control for many agricultural systems and farmsteads
- Complete broad-spectrum postemergence herbicide for non-crop, industrial, turf and ornamental weed control

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

### **ACTIVE INGREDIENT:**

*Glyphosate, N-(phosphonomethyl)glycine, in the form of its isopropylamine salt	41.0%
OTHER INGREDIENTS:	59.0%
	100.0%

<sup>\*</sup>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

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

Read the entire label before using this product. Use only according to label instructions.

Read the "LIMIT OF WARRANTY AND LIABILITY" statement at the end of the label before buying or using. If terms are not acceptable, return at once unopened.

See attached label booklet and side label booklet for additional Precautionary language and complete Directions for Use.

Manufactured For: Control Solutions, Inc. 5903 Genoa-Red Bluff Pasadena. TX 77507

TABLE OF			Somant Turtgrass This product may be used to contr	trains a property many picture security upon the fact has been also affecting uniques of deeperd Earmorks.	Release of Earmudagrass of Sommet Applications
LAND USE DRECTIONS	ANNUAL AND PERDMIAL CROPS	(Aphabetical)	grass and bahlagrass turf. Treat	rol or suppress many eleter annual weeds and tall feacuse for effective release of dormant Elementa- only when turf is dormant and prior to spring greenup.	This product may be used
Cut Stump Forestry Site Preparation	Coreal and Grain Crops		Apply 8 to 64 fluid ounces of this	product per acre. Apply the specified rates in 10 to 40 gallons of water per acre. Use only in areas	Bernudagrass or bahlagra
Non-crap Areas and Industrial Sites Habited Management	Cotton	12	where Sermudagrass or bahlages	ass are desirable ground covers and where some temporary injury or discolaration can be tolerated, surcoss per acre may result in injury or delayed greenup in highly maintained areas, such as golf	For best results on winter a nated. For best results on t
Rabital Management Notice Dans Montes	Fallow Systems Grain Sorghum (Milo)	9		of tank midures of this product plus Oust in highly maintained turforass areas. For further uses.	THINK MOSTURES: This proc
Nation Stem bijection bijection and Fell (Moudy Shush and Trees) Ornamentals, Nurselies (Plants and Trees), and Christmas Trees			refer to the "ROADSIDES" section	n of this label, which gives rates for dormant Sermudagrass and bahlacrass treatments.	delay greenup.
Ornamentals, Nurseries (Plants and Trees), and Christmax Trees			Actively Growing Sermudagenes		Apply It to 64 fluid ounces
	Soybeans Supercare		This product may be used to con Semuctorress DO NOT work mo	thoi or partially control many annual and penential weeds for effective release of actively growing	Read and follow all tabel di Apply II to 64 field oursess
Rosdrides Rosquiands	Vegetable Crops		tank mintures of this product plu	are than 14 fluid ounces of this product per sore in highly maintained turturase areas. DO NOT apply a Dust or Dust IP in highly maintained turturase areas. For turther uses, refer to the "ROADSDGS"	to 40 gallons of easter per a
Silviculture Sites and Rights-of-Way			section of this label, which gives injury or discolaration can be tall	s rates for actively growing Sermudagrass treatments. Use only in areas where some temporary	Semonary Interview (Service
Utility Stee Consensation Reserve Program (CRP)	TREE, WINE, AND SHRUB CROPS (A Darry Crops	Uphabetical)	Trybry or discoursion can be tax Turbrane Europation Seed or Se		Out or Out XP per sore o
Grass Seed or Sed Production Pastures			This product controls most exist	ing vecetation orier to renovating turkgrass areas or establishing turkgrass grown for seed or sod.	ments when these grasses Actively Growing Sermudas
Partires			For maximum control of existing:	vegetation, delay planting or sadding to determine it any regrants from excaped underground plant iments are necessary, sufficient regrowth must be attained prior to application. For warm-season	This product may be used
os coetrolles Acqual fileda	Non-Food Tree Crops Pame Foult		gant occurs, where repeat their granter such as Bermudanter	ments are necessary, sumcent regrows must be attained prior to approach. For warm-season summer or fall applications provide the best control. Where existing vegetation is proving under	
Personal Needs Needy Brush and Trees			mount tuforest management a	ands this product after amiltion at least one positor mession to allow sufficient arough for most in-	weeds below 6 inches in hi head formation. These rate
Woody Brush and Trees	Trapical and Subtrapical Trees of Vine Comm	and Pults	terception of the spray. Desirable	starfgrasses may be planted following the above procedures.	Bahlagrass
OF OTHER ATTRONES GOOKLET FOR ITEMS LISTED ASLOW	OVERTION CRASSES CHRACE LEDIS		Rand-held equipment may be un	ed for spot treatment of unwanted vegetation growing in existing turfigrass. Broadcast or hand-held of sod remnants or other unwanted vegetation after sod is harvested.	Stundern, other Feogra, fall
	Affalfa, Gover, and Other Forage	e Legumes		rown for seed or god production for II weeks following application.	THIS MOTURES: This prod
EASTIGNARY STATEMENTS	Conservation Reserve program	(00)	PRECAUTIONS, RESTRICTIONS: 0	So not disturb soil or underground plant parts before treatment. Tillage or renovation techniques	
RASE AND DISPOSAL 4 DOCT INFORMATION 4	Grass Seed or Sed Production Partures	2	such as vertical moving, caring	or slicing should be delayed for 7 days after application to allow translocation into underground	both products for control o
DOCT INFORMATION 4 Short Sentence Memorranet 5	Remarks		plant parts. If application rates to	ital 3 quarts per acre or less, no existing period between treatment and feeding or livestock grazing or than 3 quarts per acre, nemove domestic livestock before application and wait it exerts after ac-	This product may be tank- of Quet or Quet XP per acr
Bised Resistance Management 5 Bised Management Recommendation 5	ROUNDUP READY CROPS		plication before grazing or harves	step.	
Management Recommendations for				Railroads	the flower or seedhead sta Bahlanners
agross essent soge 5	Roundup Ready Carrola (Spring Roundup Ready Carrola (Winter	Striction 24	All of the methods of application of	described in the "WON-CROP AREAS AND INDUSTRIAL STES" section may be utilized along naircade.	Bahlagrass Bluedem, pher
Moing with Notion 5	Rountup Ready Corn 2 Rountup Ready Gene Cotton		Bare Ground, Balloot and Shoulde	rs, Crossings, Spot Theatment sintain bars ground on railroad ballast and shoulders. Repeat applications of this product may be	
con mounts 6	Roundup Ready Gene Cotton Roundup Ready Flex Cotton		used, as weeds emerge, to main	ernam were yourse on selected basset and prouders, respect applications of this product may be tain bare ground. This product may be used to control tall-proving weeds to improve line-of-eight	Dallagrass Dark carls
Malog with Water S Tank Milater S Tank Milater G T Tank Milater G T T T T T T T T T T T T T T T T T T T	Roundup Ready Gene Sophism		at railroad crossings and reduce	tain bare ground. This product may be used to control tail-growing weeds to improve line-of-sight is the need for moving along rights-of-way. For crossing applications, up to 80 gallons of spray	Conferent
Surfactorits 6 Anmonium Sulfable 6	Roundup Ready Gene Sugar De NON-CROP USES AROUND THE FA		solution per acre may be used.		Use only on well-establish
Anmosium Sultate 6	Weed Control and Trim-And-Ed	MISTER	TANK MIXTURES: This product m	ay be tank mixed with the following products for ballast, shoulder, spot, bare ground and crossing	molet conditions. Repeat a
Colorants or Dyes 6 Drift Reduction Additives 6	Greenhouse/Shade house Chemical Wowing		Asseral	actic product is registered for use on such non-cop sites:	Actively Growing Eshiagram For suppression of secural
	Oversical Working		atracine	Outrider Saltera DG	graduct in 10 to 40 gallon
Aerial Equipment 7 Ground Broadcast Equipment 7	Cut Stumps Undahit Management		dicamba duran		inches. This application mi
				Spike <sup>TM</sup> 80 DF	For suppression up to 120 acre about 45 days later, 9
	Annal Bleeds - Tank Mintures or Daries TW		Excet XP Series SA	Tatar DF Transies	THUK MOCTURES: This prod
Injection Systems B. 6 CDA Equipment	Armed Blands - Dept. Baltier I	Iadgack Equipment	Garlon 4	Varquist	in the Outrider label. Use I
			People's	Veloar DF	products for control of pen
	and Reduced Tillage Syste	ma	Hyear X-L. Virgon 100	Velor L 2.6.0	A tank mixture of this proc
	and Reduced Titage Syste		Krovar I OF Out	Welper L 2,6-0	Out IP per acre 1 to 2 we
	and Reduced Tilage Syste		Krower I OF Ount Brook Control	2,60	Ount XP per acre 1 to 2 we
INDUSTRIAL TURF A	and Reduced Tibigs Syste		Kroser I DF Ount Brush Control This product may be used to con	2,4-0 strol woods bouth and bress on militard fields-of-way. Apply 4 to 10 quarts of this product per some	Ount XP per acre 1 to 2 se This product is specified to also specified for use in or
INDUSTRIAL, TURF AT	and Reduced Tibigs Syste		Krouer IDF Out Study Control This product may be used to con as a broadcast spray, unine boor	2,4-0  And of this product per acres or hallowed rights-of-way. Apply 4 to 10 quarte of this product per acres o-tops or boorlises receive. Us to 85 saltons of acres solution on acre may be used. Apply a 0.75-	Out XP per acre 1 to 2 we This product is specified to also specified for use in pr This product is specified to
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The control of the co	well hadron They John Son On Manifest To Street To a week had a few "William Son	CORPOLIZE" makes of the offered application section. In the offered application section, and offered application section. In the offered application section, and the other parts where the other parts which are the other parts where the other parts which are the other parts where the ot	The second of th	14.00 The state of	bod IP years in the See The sender is question that the sender is not the See the See that the See the See the See the See the See the See the See and the sender is not and there are selled on the and the sender is the and the sender is the and the sender is the and the sender is the the sender is the the sender is the and the sender is the the sender is the the the sender is the the sender is the the the sender is the the the sender is the the the the the the the the
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es er Eshiagrass	Rangelands This product will certail or suppress many armal weeks provinc in perennial cool and warm-season grass rangelands, quatures.	DO NOT APPLY THIS PRODUCT BY AIR TO RE Site Preparation: Following preparat spolical	BITS-OF-WAY SITES IN T
sed to control or partially control many winter annual weeds and tall feacus for effective release of dormant	and industrial alter. Preventing weed seed production is critical to the successful control of annual grassy weeds invading these	Destricted Server in antiblished silvingham	d eller une ar a receu co
agrass. Treat only when turl is domant and prior to spring greenup. der annuals, treat when plants are in an early growth stage (below G inches in height) after most have germi-	perential grass after. Follow-up applications in sequential years should eliminate most of the viable seeds. Grazing of treated areas should be delayed to encourage granth of desirable commissis. Allowing desirable commiss to flower and reseed in the treated	to avoid contact of spray, drift or mist with 1	
on tall feacus, treat when feacus is at or beyond the 4- to 6-leaf stage.	area will encourage successful transition.		Cut Stun
product may also be tank-mixed with Outrider, Quat or Quat XP for residual control. These tank mixtures may	Bramus: This product may be used to control or suppress downy brome (Bramus Sectorum), Japanese brome (Bramus japonicus), soft chess (Bramus molita), cheatgrass (Bramus seculinus), consul rye and jointed gostyrass found in rangelands postures and in-	Cut stump treatments may be made on any species, some of which are listed below. App	
ces of this product in a tank mis with 0.75 to 1.3 ounces of Outrider per acre.	dustrial sites. Apply 8 to 16 fluid cursos of this product per zone on a broadcast basis.  For best results, treatment should coincide with early seedhead emergence of the most mature plants. Delaying the application until	trees or resprouts close to the soil surface A after cutting. Delays in application may resul	pply x 50- to 100 percent t in reduced performance
al directions for Outside: case of this product per acre alone or in a tank mixture with \$25 to 1 outson per acre of Outsion Outsi XP in 10		of active growth and full leaf expansion.	Reed, glant
per acre. Use only in areas where Germudagrass or bahlagrass are desirable ground covers and where some	year until seed banks are depleted and the destrable perennial grasses can become mentablished on the site.  Medischeed: To control or suppress medischeed, apply 16 fluid gunoss of this product per acre at the 3 Heal stope when plants are	Eucahetus	
actionation can be televated. To avoid delays in greenup and minimize injury, add no more than 1 ounce of the on Bermudagrass and no more than 0.5 ounce of Oust or Oust IP per acre on bahlagrass and avoid treat-	actively proving. Delaying applications beyond this stace will result in reduced or unacceptable control. Repeat applications in sub-	Madrone Osk	Sweetgum Tan ook
sses are in a semi-dormant condition.	sequent years may be necessary to eliminate the seedbank before mentablishing desirable perential grasses. Applications may be made in the fell or serior.	Peoper, Brazilian	Willow
adageses and to control or partially control many annual and perennial weeds for effective release of actively growing	Applications may be made using ground or serial equipment. Aerial applications for these uses may be made using fixed wing or	Pine, Austrian DO NOT MAKE OUT STUMP APPLICATIONS V	
1 to 3 pints of this product in 10 to 40 gallons of water per acre. Use the lower rate when treating annual	helicopter equipment. For serial applications, apply in 2 to 13 gallons of water per scre. For applications using ground equipment, apply in 10 to 20 callons of water per acre.	90075 OF THE OUT STUMP Some spouts.	stems, or bees may shar
in height jor runner length). Use the higher rule as weeds increase in size or as they approach flower or seed- rules will also provide partial control of the following perennial apedies:	Sect Treatment, Winer Application	height and spacing may signal shared rook one or more trees sharing common rooks an	. Whether grafted or sha
Johnsongsus Trumpdensper	This product may be applied in rangeland, pastures or industrial alles as a spot treatment, or over the top of desirable grasses using wicer applications to combol tall weeds. Applications may be receased in the same area at 35-day intervals.		on and Frill (Wood
Vasyonus	For soot treatments or vicer application methods using rates of 3 quarts of this product per acre or less. the entire site or any	This product may be used to control woody by	ush and trees by injection
product may be tank-mixed with Outrider for control or partial control of Johnsongrass and other weeds listed has 9 to 32 fluid ounces of this product with 0.75 to 1.2 ounces of Outrider per sons. Use the higher rates of	portion of it may be treated. When spot treatments or wiper applications are made using rates above 3 quarts of this product per acres, no more than 10 percent of the total site may be treated at any one time. To achieve maximum performance, remove domestic	that must penetrate into the living tissue. Ap trunk diameter at breast height (CGH). This is	
rol of perennial weeds or annual weeds greater than 6 inches in height.	livestock before application and wait 7 days after application before growing livestock or horvesting for feed.	a continuous frill around the tree or az cuts befor results are achieved by applying diluted	evenly spaced around the
nk-mised with Dust or Dust XP. Etsek-mised, use no more than 1 to 2 pints of this product with 1 to 2 ounces acre. Use the lower rates of each product to control annual weeds less than 6 inches in height jor numer	Conservation Reserve Program (CRP)		
	This product may be used for renovation justating out of CRP), also preparation, posterningencie weed control in domant CRP grasses, or wiper application on CRP land.	oblique angle to produce a cupping effect as be made during periods of active growth and	nd use a 100-percent con when full land exercision. T
I stages. These rates will also provide partial carries of the following perennial weeds: Feacus, tall	Renovation (Robiting out of CRP). Site Preparation	below	
Johnsongsus Paprios	This product may be used to prepare CRP land for crop production. Refer to Federal, State or local use guides for CRP renovation accommodificate.	Control	Partial Control
Turnet record	Perismorgence Weed Control in Dormant CRF Grasses, Wiper Application	Poster	Black gum Dogwood
Vaneygrass	Apply this product to suppress competitive growth and seed production of undestrable segetation on CSP land. Applications may be made using wiper applications to control tall exeets, or as a broadcast or apoit treatment to domant CSP grasses. For selective ap-	Sweetgum Sycamore	Wickery Maple, red
Wensin, blue blaked Semudagrass. Semudagrass injury may result from the treatment, but regrowth will occur under		sycamore	USIN S
oil applications of the tank mix in the same season are not specified, since severe injury may occur.	grames, such as created and tall wheatgrass, break domancy and initiate green growth. Late tall applications can be made after desirable perential crasses have reached domance.	In utilities, this product is specified for use al	ong electrical gower, plae
grass etative growth and seedhead inhibition of bahlacosus for approximately 45 days, apply 6 fluid ources of this	Some starting of CFF perential grasses will occur if broadcast applications are made when plants are not domant. No waiting	with these rights of way, such as substation	ns, readsides, railreads or
flore of water per acre. Apply 1 to 2 weeks after full greenup or after moving to a uniform height of 3 to 4	period is required between application and gracing or horvesting for feed. Do not apply more than 3 quarts per acre per year onto COP level	This product may be used in utility sites and vegetation and to eliminate unwanted weed	substations for bare grau
n must be made prior to seedhead emergence. 120 daws, spoly 4 fluid ounces of this product per acre, followed by an application of 2 to 4 fluid ounces per	Habitat Management		
er. Make no more than 2 applications per wear.	Rabital Resignation and Management	Repeated applications of this product may be This product is also specified for use in prep	
product may be tank-mised with Outrider for control or partial control of Johnsongrass and other weeds listed lise 6 fluid ounces of this product with 0.75 to 2 ounces of Outrider per scre. Use the higher rates of both	This product may be used to control exotic and other undestrable repetation in habital management and natural areas, including	for side trimming along utility rights-of-way	and or enterened some
perential weeds or annual weeds greater than 6 inches in height. Use only on well-established bahlaggass.	rangeland and wildlife refuges. Applications can be made to allow recovery of native plant species, prior to planting desirable native species, and for similar broad-exectnum vecetation control requirements. Soot treatments can be made to selectively remove un-	For control of herbaceous weeds, use the lo	ver specified tank mixture
product plus Dust or Dust XP may be used. Apply 6 fluid ounces of this product plus 0.25 sunce of Dust or 2 weeks following an initial spring mowing. Make only one application per year.	wanted plants for habital management and enhancement. Willelie Seef Retr	brush and trees, use the higher specified on Bare Ground, Trim-and-Edge	ML.
Forestry Site Preparation	This product may be used as a site preparation treatment prior to planting wildlife tood plots. Any wildlife tood species may be	This product may be used in utility sites and wavefellow and to all minets consented wavef	substations for bare grou
	planted after applying this product, or native species may be allowed to repopulate the area. If fillage is needed to prepare a seedbed, wall 7 days after application below tillage to allow translocation into underground plant parts.	prior to planting a utility site to ornamentals:	o growing in established i . Sowers, turforass lood o
in preparing or establishing wildlife openings within these sites and maintaining logging roads.	wait / days area application below tollege to allow translocation into underground plant parts.  Hallow Stem Intection	Repeated applications of this product may b	e used, as weeds emerg
of for use in site preparation prior to planting any tree species, including Christmas trees, eucalgetus, hybrid cultural numeny after.	This product may be applied through hand-held injection devices that deliver specified amounts of this product into targeted holion-stem plants growing in any non-crop site specified on this label.	TANK MIXTURES: This product may be tank for application on these sites. Refer to the in	mixed with the following
is product within the specified cance for control or partial control of woody brush, trees and hard-to-control	for control of the following hollow-stem plants, follow the use instructions below:	2.4-0	Outster
weeds. For best results, apply to actively growing woody brush and trees after full leaf expansion and before increase rates within the specified range for control of perennial herbaceous weeds any time after emergence	Japanese Keebesed, Policonum cusoldatum	Amerial	pandmethalin Distant
flowers or berries appear.	inject 5 mi, per stem of this product between second and third internode.  Solvenian Knobweed, Polyconum bohemicum	Barricade 65WG	Princes
this graduct within the specified range for control of annual herbaceoux weeds and actively growing perennial or seedheads, forwers or bernies appear. Apply to the foliage of actively growing annual herbaceoux weeds	Inject 5 ms, per stem of this product between the second and third intermode.	dicamba diaren	Ronatar SOWP Salta
nca.	Gart Reguest, Herchart mantescolarum	Endurance	zimazine
mixtures of this product may be used to increase the spectrum of vegetation controlled. When tank mixing,	inject one leaf care per plant 12 inches above the root crown with 5 mL of a 5% w/v solution of this product.  Paleon Renisck, Conjum maculature	Excet IP	Suntan AS Suntan WDG
ove the label claims, cautionary statements and all information on the labels of all products used. Use according procautionary statements for each product in the misture.	Inject one leaf came per plant 10 to 12 inches above the root crown with 5 mL of a 5% v/v solution of this product.	Garlon SA	Telor DF
preparation, make sure the tank-mix product is approved for use prior to planting the desired species. Observe	Falcitionatal, Equivature arvenue bisect one account above the root crosen with 0.5 mL per stem of this product. Use a small puriose that calibrates to this rate.	Garlon 4 Knobb	Transine Vanquish
ctions. No product may be used in a tank mix with the following products for forestry alle preparation.	inject one segment access the look down with 6.5 mill per main or this product, use a little syringe that candidate to this rate.  Canada Thirdis, Circinum anywerse	Krovar IOF Ourt	Velpor DF Velpor L
s Concentrate	Cut if to 9 of the talked plants at bud stage in a clump with clopers. Use a cayby needle that is pushed into the stem center and	Out IP	websr L
	then slowly removed as 0.5 mL per stem of this product is injected into the stem.  Note: The combined total for all treatments must not exceed 16.6 quarts of this product per scre. At 5 mL per stem. 7 quarts should	Ensure that Sarion SA is thoroughly mixed o	with water according to be
	treat approximately 1300 stems per acre.	agitating at the time this product is added to this product be used alone or in a tank mint	avoid spray incompatibili are with Garlon 4.
άD.	Ornamentals, Nurseries (Plants and Trees), and Christmas Trees		Grass Seed or So
	This product may be used for general weed control prior to planting or around established ornamentals, or any woody tree, shrub, or vine species, including arborvites, scales, bossood, crabappis, eucalgetus, euonymus, fir, Douglas fir, jojobs, hollies, libar, magnolis,	This product may be used in grass seed and renovation, site preparation, shielded aprays	and production for propia
xus exeds, use the lower specified tank miniture rates. For control of dense stands or tough-to-control woody to higher specified rates.	maple, cak, poplar, privet, pine, apruce or yess, in any production site.	Preplant, Preemergence, At-Planting, Remova	ng, seper appacasion, apo I of Established Streets B
uct as an over-the-top broadcast spray for forestry confier or hardwood release, unless otherwise specified	UNLESS OTHERWISE DIRECTED, THIS PRODUCT IS NOT SPECIFED FOR USE AS AN OVER-THE-TOP BROADCAST SPRAY IN DRIMMEN- THES AND CHRISTIANS 1 ES. Care must be been to assist contact of spray drift or mist with foliage or green bank of destrable species.	This product controls most existing vegetation	n for purposes of renovati
este supplemental labeling for this product.  Pachume	This product may be used to control weeds proving in and around greenhouses and shadehouses. Desirable wegstation must not	grown for said. It may also be used to destroy species or cross. Make applications before	nemaining undesired gra- during or after planting
PSTURES oplied to any parture grass (Gramineae tamily), including bahlagrass, Bermudagrass, bluegrass, brome, feacue,	be present during application and air circulation fare must be terned off. TYPES OF APPLICATIONS: Site Preparation, Post-directed, Trim-and-edoe, Wiger Application	vegetation, delay planting to determine if an	y morowth from excuped
sex, orchandgrassx, pangola grassx, ryegrassx, timothy, and ethestgrassx. Application can be made as a spot treat-	THIS OF APPLICATIONS: SAN PROPERTIES, FOR ARROWS, INTO ANO ANGE, RIPS Application Site Presention	growing under moved tartgrass managem growth for good interception of the herbicid	ent, apply this product a in some Where repent to
n, preplant, preemergence, pasture renovation, or postemergent broadcast. s, Pasture Renovation	This product may be used prior to planting any tree, shrub, or vine in an erramental, numery, or production setting, including		
	Otristmax tree species. Peri-directed, Yon-and-edge	equipment may be used to control and non quarts per acre maybe used to totally remor	inants or other unwanted in established stands of t
are apacies listed on this label prior to replanting.  if 3 quarts per acre or less, no walting seried between treatment and feeding or livestock grazing is required.	This product may be used as a cost-directed spay around established woody species, or to trim and edge around trees, buildings.	Do not disturb soil or underpround plant par	ts before treatment, Tillac
is a quarts per acre or east, no waiting period between treatment and needing or investick gracing is required. In 3 quarts per acre, nemove domestic livestock before application and wait 8 weeks after application before	sidewalks and reads, potted plants and other objects in a production setting.  Desirable plants may be preferred from the spoor solution by using shields or coverings made of cardboard or other impermeable.	slicing should be delayed for 7 days after ap total 1 mosts nor area or less no walles no	plication to allow proper to the following the contract of the
	Decirable plants may be protected from the spray solution by using shields or coverings made of cardboard or other impermeable material.	total 3 quarts per acre or less, no waiting per than 3 quarts per acre, remove domestic live	dock before application a
Application pplied in pastures as a spot treatment, or over the top of desirable grasses using eigher applicators to control	Wiper Application	Applications must be made prior to crop em Shielded Seravers	ergence in order to avoid
z may be repeated in the same area at 30-day intensits.	This product may be used through wick or other suitable wiper applications to control or partially control undexinable segulation around established trees, shrubs, or vines. See the "SELECTNE EQUIPMENT" section of this label for hutber information about the		gallons of water per son
wiper application methods using rates of 3 quarts of this product per acre or less, the entire field or any exted. When spot treatments or wiper application are made using rates above 3 quarts of this product per	proper use of wiper applicators.	in straight rows side in shielded sprayer app gazz by the protective shields.	rications. Best results are
	Silviculture Sites and Rights-of-Way	Contact of this product in any manner with	desirable vegetation may
percent of the total pastine may be treated at any one time. To achieve maximum performance, remove do- application and wait 7 days after application before grazing Eventock or horvesting for feed. shell (Braddcast Treatments)	MOTE: DO NOT USE AS AN OVER-THE-TOP BROADCHST SPRAY IN SUICULTURAL NURSERIES.  When revoked to described by "MONTOPO ISSO" under conditions described this resolute condensate accordance in the conduct condensate accordance in the conduct condensate accordance in the conduct conduct con	shall be the sole responsibility of the applica	ritor.
	when appear as directed for "NUNEURO" loads" under conditions, this product controls undestrated segistrate state on this label.	Wiper Application This product may be applied over the top of	desirable grauses using
For selective applications with broadcast spray equipment, apply 12 to 16 fluid ounces of this product per time destribble personial process break domancy and initiate green growth. Little fall applications can be made	For specific rates of application and instructions for control of various brush, annual and perennial weeds, see the "MEZDS CON-	Contact of this product in any manner with	desirable vegetation may

spray of the roage of undesidate segration, care must be exercised	Seale 2 to 3 sints of this sention on your	lest results are obtained when applications are made before the ryegrass reaches 6	Alignorymen <sup>®</sup>
bark of desirable species.	inches in height like the higher rate within the	re specified range when ryegrass is greater than 6 inches in height.	Angaorweec Anias (femal)
ut Stumps	Est much height to allow the middlehamed	of the desired row spacing. Use of low-pressure rozzles, or drop-nozzles designed to	Bahlagrass
	barget the application over a narrow band are	or an electrical contribution of the contribut	Beachgrass, European (Ammophila a
using suitable equipment to ensure coverage of the entire cambium. Cut Coverant solution of this product to the treath-cut surface immediately	says an appropriate one and on the same and	outside target area in order to avaid unwanted crop destruction.	Sentoraco*
Operant solution of this product to the freshly-cut surface immediately	take care not to spray or allow spray to even	outsook target sets in order to avise unwarrase crop outstuction. see resulfine from misseolication of this product.	Semudagrass
formance. For best results, applications should be made during periods	wower assumes as responsibility for crop sess		Semudagrass, water (knotgrass)
		WEEDS CONTROLLED	
t	Always use the higher rate of this product pe	r acre within the specified range when weed growth is heavy or dense or weeds are	Stugrass, Kentucky
	grawing in an undisturbed (non-cultivated) as	10.	Diseased, Toxax
	Sedurad results may orner when treation was	eds heavily covered with dust. For weeds that have been moved, grazed or cut, allow	Brackenten
	regrowth to occur prior to treatment.		Bramegrass, smooth
	Safer to the following label surfaces for year	fied rates for the control of annual and perennial weeds and woody brush and trees.	Bursage, woolly-leaf
			Canarygrass, need Cuttal
TS OF DESIRABLE WOODY BRUSH OR TREES MAY BE GRAFTED TO THE	infestations are dense. this product may be us	sed at 5 to 10 quarts per acre for enhanced results.	Closer red white
may share the same root system. Adjacent trees having a similar age,		Annual Weeds	Coongrass
ed or shared, injury is likely to occur to non-treated stems/bees when		inches in height or numer length and 1.5 quarts to 4 quarts per acre if weeds are over	Callograss
	Use 1 quart per sore in weeds are will train 6:	incress in neight or numer length and 1.5 quarts to 4 quarts per acre it weeds are over weeds are growing under stressed conditions. Use the higher rate for tough-to-control	Dandelon
(Woody Brush and Trees)	a name or respect to the sense of the state of sense of	ation. Treat tough-to-control weeds early when they are relatively small. This product	Deck curbs
injection or fell applications. Apply this product using suitable equipment and of 0.04 fluid cunce (1 mL) of this product per each 2 to 3 inches of	apecies regardence or one needs and as appro-	oduct is registered for use on the target alte. Refer to the individual product labels for	Dophane, hemo
ent of 0.04 fluid ounce (1 mL) of this product per each 2 to 3 inches of	many are carde, manual provides and carde from the	ry-to-wet applications, apply a 0.5-percent solution of this product to weeds less than	Feacus (except tail)
by applying a 50- to 100-percent concentration of this product either to			Rescue, tall
around the tree below all branches. As tree diameter increases in size,	use a 1- to 2-percent solution. The the higher	rate for tough-to-control species or for weeds over 24 inches tall.	German key
rdinusus fill or more closely spaced cuttings. Avoid application techniques that exude sep freely. In species such as this, make the fill or cuts at an	Analy refer to searthwarf formation in cross or	had been fee to be be been feed and a	Guineagrass
that exude sup freely. In species such as this, make the fell or cuts at an		use a 4- to 7-percent solution of this product. Spray coverage should be uniform with	Norsenettle
roant concentration of this product. For best results, application should	For low source directed apply applications, a	use a 4- to 7-percent assution of this product, spray coverage arouse be unitern with everage of the top one half of the obest is important for best results. To ensure adequate	Horsendish
pansion. This product will control many species, some of which are listed	at want 50 percent of the forage contacted. Co	swenge or the top ane han or the point is important for best results, so ensure adequate tall weeds when foliage is thick and dense or where there are multiple sprouts.	loplant
		an weeks terminologic is stock and dense or where store are manipe sproots.	Januariem artichole
tal.	WEED SPECIES.		Johnsongrasss
	Anoda, spurred	Lamb's-quarters*	Kikujugrass
	Barley*	Little barley* London racket*	Knapweed
	Samparágrass*	Managed Managed	Lantana
	Bassia, fivehook	Majorea	Lespedeza
Slity Sites	Black night/hade*	Medusaheat* Morning glory (bomous zpp)	Milkweed, common
iny ours	Bluegrass, annual*	Mortant Now"	Muhly, wirestern
ner, pipeline and telephone rights of way, and in other sites associated ilreads or similar rights of way that run in conjunction with utilities.	Biogram hubour	Mutati, sow	Mullein, common
	Brome down*	Muttarit, tarity' Montarit tumble'	Saplergrass
sare ground, frim-and-edge around objects, spot treatment of unwanted	Brome, Josephan*	Mustani, sultain Mustani, wild*	Nightshade, silverleaf
ablished shrub beds or ornamental plantings. This product may be used	Browntos ponicum*	Mutate, war	Nutsedge; purple, yellow Orchardgrass
sss (sad or seed), or beginning construction projects.	Butteroug'	Pigenet*	Pampangass
ds emerge, to maintain bare ground.	Carolina fortali"	Plains Tickared consosis*	Pampagasa Pampagasa
hing wildlife openings within these sites, maintaining access roads and	Carolina geranium	Priorly lettuce*	Paragrass Peoperweed, perennial
	Cartor bean	Distriction	Pepperweed, personal Phraomites*
nk miniture rates. For control of dense stands or tough-to-control woody	Chesteraus*	Publishes, common	Pringmour Drings humberk
A THE RESERVE CONTRACT OF THE SAME OF CORPORATION MODES	Chespeed (Mhrs paniforal		Podos nemiacx Distriction
	Change .	Ragwood, glant	Redice"
sare-ground, trim-and-edge around objects, spot treatment of unwanted	Chickweet*	Red rice	Reed, stant
ablished shrub beds or ornamental plantings. This product may be used	Cookiebur*	Russian thirds	Restrate, personial
sez land or need, or beginning construction projects.	Copperleaf, hophombeum	Ret*	Smartneed, coamo
to emerge, to maintain bare ground.		Ryspant*	Spurge, leafy*
	Com speedwell*	Sandbur, field"	Sweet potato, wild"
following products provided that the specific product used is registered	Craboraus*	Stationary*	Thistie, artichoke
I's labels for approved sites and application rates.	Dwartdandelion*	Stepher's ourse'	Thirtie Canada
	Earlers mansagrass*	Sicklessel	Timothy
alin	Erlinty'	Signalarus, broadlest"	Torondopous"
	Fall panicum"	Smartweed, ladesthunb*	Tumostowees"
	Falsedandellor*		Vanyana
WP	Falsefax, small seed"	Southirds, armail	Velvetorass
	Eddensek	Consistence (for	Whealgrass, western
	Field permonent*	Speedeell, gurplane*	Surfal meter
	Flame	Sorandetor*	7910 G100
6	Fleabane, annual*	Spurge, annual	
	Flesbane, hairy (Conycu bonariensis)*	Source, prostrate*	Apply this product after full leaf exp.
		Source, spotted*	growth. On vines, use the higher rati
		Sourry umbrells*	olication is made in late summer or 1
	Redail	Startistis, velov	In anid areas, best results are obtain-
	Gostgrass, jointed*	Stringrass *	moisture content and are flowering.
	Googlegrass	Surfaver*	For best results when using hand-he
ding to label directions before adding this product. Have spray mixture	Grain sorghum (mile)*	Teaward Prickly sids	For best results when using hand-ne
ompatibility problems. For side trimming beatments, it is specified that	Groundsel, common*	Texas panicum*	volume directed-spray applications, least 50-percent of the foliographics
4	Hemp sesbania	Velvetleat	spray coverage, spray both sides of it
or Sed Production	Renbit	Virginia copperieal	apray coverage, spray both sides or o
ha market at classics assessment assessed of established death	Horseweed Manestall (Conyco canadensis)	Virginia pepperweed*	aprono.
for preplant, at-planting, preemergence, nemoval of established stands, allon, apot beatment, and creating rows in annual ryegrass.	lichgrass*	Wheat"	Symptoms may not appear prior to f
Stands, Renovation, Site Proparation	Johnsongrass, seeding	Wild outs*	Allow 7 or more days after application
stance, renovation, sea Preparation of renovating but or forage grass seed areas or for establishing burlgrass	Junglerice Ecohomei	Withgram" Worlly caponer"	generating from underground parts
sired crass vegetation when production fields are converted to alternate	Knoblesso Knobles	Woody capprais*	major leaf drop has occurred. Reduc
planting, or for renovation purposes. For maximum control of existing			
pranting, or for renolation purposes. For maximum control of existing escaped underground plant parts occurs. Where existing vegetation is:	*When using field broadcast equipment jaets	al applications or been sprayers using flat-fan recoles) these species will be controlled	WEED SPECIES
recuping underground plant parts occurs, where tending regulation is	or partially controlled using 1 pint of this pro-	duct per acre. Applications must be made using 3 to 10 gallons of carrier volume per	
product after omitting at least one regular moving to allow sufficient repeat treatments are necessary, sufficient regressfe must be attained	acry. Use nozzles that ensure thorough cover	age of foliage and treat when weeds are in an early growth stage.	Enr
nudagrass, summer or fall applications provide best control. Broadcast		Perennial Weeds	ARC
imported unrelation after and in hungariest Annimation rates on in 5	Seet results are etchined when resunnid was	eds are breated after they reach the reproductive stage of growth (seedhead initiation	Aspen, quaking
unwanted vegetation after and is harvested. Application rates up to 5 tands of touch to KII crass species.			Searclover (Searmary*
ent. Tillage or renovation techniques such as vertical moving, coring or	stage of growth, in many situations, treatmen	nts are required prior to these growth stages. Under these conditions, use the higher	Seech*
	application rate within the specified range.		Birch
atment and feeding or livesticck gracing is required. If the rate is greater	Ensure thorough coverage when unless measure	e-well treatments with hand-held equipment. For best results, use a 1.5-percent solution	Blackberry
atment and teeding or livestock gracing is required. If the rate is greater slication and wait II weeks after application before grazing or harvesting.	on harder-to-control perennials such as Berm	udsarses, dack, field bindweed, hemp dopbone, milkweed and Canada thirdle.	Blackgum Brovien
r to avoid crop injury.	For how of one of posted owner posteriors or	se a 5- to 10 percent solution of this product. Spray coverage about die uniform with	Bracken
	at least 50 nement of the follows contacted. Or	overage of the top-one half of the plant is important for best results. To ensure adequate	Broom; French, Scatch Buckeyheat, California*
r per sore to control weeds between grass seed rows. Uniform planting			Buckwheat, California*
esuits are obtained when the grass need crop is small enough to easily	Allow 7 or more days after application before	Slave	Cataday*
			Ceanothus*
ation may result in discoloration, sturting or destruction. Such damage			Clambs*
			Cherry; bitter, black, pin
as union winer annicrators for the control of full wasnin			Coyote brush
es using wiper applicators for the control of tall weeds.			Coyote brush Degraped
es using wiper applicators for the control of tall weeds. stion may result in discoloration, sturting or destruction. Such damage			Coyole brush Decreased Doorsood*
			Coyote brush Degraped
elion may result in discoloration, sturning or destruction. Such damage			Coyole brush Decreased Dogwood* Elderberry Elm* Sucalectus
ation may result in discoloration, sturring or destruction. Such damage			Coyole brush Deerwood Deerwood Elderberry Eln* Eurolyptus Gozaf*
ation may result in discoloration, sturring or destruction. Such damage			Coyole brush Decreed Dopwood Elderberry Elm' Sucalectus
elion may result in discoloration, sturning or destruction. Such damage			Coyole brush Deerwood Ederbury Elin* Eurolphus Gozat*





WEED SPECIES	Broadcast Rate (07/9)	Rand-Rald Spray-to-Wet % Solution	
Hawthom	2-3	1-15	
Hazel	2	1	
	2-5	1-2	
Honeyackie	2.4	1.15	
Hombeam, American'			
Kudzu	4		
Locust black*	2.4	1.0	
Madrone resprouts*			
Mannetts*	2.5	1.0	
Maple, red	2-4	1.15	
Maple, super		1.15	
Morkey flower*			
Calc black, white"		1-2	
Oak post	3.4	1.15	
Oak northern ain	2-4		
Oak Scrub*			
Oak southers red	2-2		
Properties, Brazilian (Forida holly)*			
Parsimmen*			
Pine .	2.5	1.2	
Palaon Ivy	4.5	2	
Palaon sak	4.5	- 6	
Papiar vellow*	3.5	1.0	
Redbud, eastern	2.5	1.2	
Rose, multiflora	2	12	
Russian olive"	3.5	1.0	
Sport black	2.4	12	
Sept. white'	2.4	1.0	
Sage brush California	2.4	1	
	2-4	1	
Salmorbarry Salmorbar*	2.5	1-2	
Samples*	2.0	1-2	
Sourced*	2.0	1-2	
Surrac laurel polion, smooth, augurbush, winosd*	24	1-2	
	2-4	1-2	
Swedgen Swedler*	2.5	1-1.5	
	20	1-2	
Tallowbee, Chinese	- 1	2	
Tan coli resprouts* Thinbleberry	2	ř	
	24	1.2	
Tobacco, tree*			
Toyon*	2.1	2	
Tumpetoweper			
Vine maple*	2.5	1-2	
Virginia creeper	2.5	1-2	
Waxmyrde, southern*	2.5	1-2	
Willow	3	1	
Yerbasenta*		2	

	Name
	FOR USE IN DORMANT ALFALFA
1	FOR THE CONTROL OF ANNUAL WEEDS IN CONSTAL BERMUDAGRASS PASTURES PRIOR TO SPRING GROWTH OR IMMEDIATELY AFTER FIRST CUTTING
c	FOR DISTRIBUTION AND USE ONLY WITHIN SOUTH DAKOTA, FOR NON-SELECTIVE CONTROL OF LISTED ANNUAL WEEDS IN SMALL GRAIN CROPPING SYSTEMS
0	FOR CONTROL AND MANAGEMENT OF GLYPHOSATE RESISTANT HORSEWEED (MARESTAL, Conycu- canademin) IN COTTON, CORN, AND SCHEEMIS.
	HIGHER-PATE POSTEMERGENCE USE DIRECTIONS FOR WEED CONTROL IN ROUNDUP READY CHIVOLA
ŗ.	FOR LIMITATIONS ON AERIAL APPLICATION IN CALIFORNIA DNLY, INCLUDING FRESHD COUNTY
G	FOR AGRUE, APPLICATION IN ARXINISAS ONLY
16	FOR CONTROLLING EMBRINADGRASS (ECHNOCHLON CRUS-GALL) IN RCX USING RENOVATION TREAS- MENTS IN CALIFORNIA ONLY
	FOR WEED CONTROL APPLICATIONS IN SEED PRODUCTION OF ALEXLAN WITH THE ROUNDUP READY <sup>®</sup> GENE.
3	FOR APPLICATIONS TO ROUNDUP READY FLEX COTTON IN THE STATE OF ARIZONA ONLY
Х	BROADCAST APPLICATIONS IN CHRISTMAS TREE PLANTATIONS
	FOR USE FOR SELECTIVE WEED CONTROL ON <b>CRASER AP</b> TOLERANT PURE SOLD <sup>®</sup> TALL FESCUE AND AURORA GOLD <sup>®</sup> FINE FESCUE SELECTIONS.
м	ERASER AP AND THUS MIXTURES FOR NON-CROP AREAS
×	FOR GROUND AND ACRAL APPLICATION TO SPLICH AND CHAPARRAL IN CALIFORNIA CINCY
0	ERASER AFFOR CONFER RELEASE
2	TO RESTRICT LISE AS A PRE-PLANT BURN DOWN TREATMENT ON THOSE AGRICULTURAL CROPS CENER. THIN FORESTLAND IN THE STATE OF MISSISSIPP!

ERASER A/P HERBICOL DARMS NO. 23883-060 DIA SET NO. 42750-MO-01
KEEP OUT OF REACH OF CHILDREN

CAUTION

DIRECTIONS FOR USE and in any manner inconsistent with its labs a user at the time of herbidde application. IE, GREEN STEMS, EXPOSED NON-WOOD/ CROPS, DESEMBLE PLANTS AND TREES, BI

DIRECTIONS FOR USE

INJUST AND THE COMMITTED IN THE SIDE INSUPERIOR OF THE APPLICATION.

A. FOR THE COMMITTED OF ANNUAL WRITES INCOMPTIAL DEFINITIONALS PRINTINGS PRIOR TO SPRING GROWTH OR INNECOLUTELY AFTER PRINT COMMITTED.

additional press

Kon-crap Anne:
Apply a teck midu
miking application provided provided
products provided in
and application
hard-cides used. Us

- Commboss\*\* L
- Gallery\*\* 25 CF
- Normat\*\* UF
- Normat\*\*
- Verport
-

DIRECTIONS FOR USE
TIPES OF APPLICATIONS: Proplest, At-planting, Primmarpinose, Professional Proplement States - Annual Primmarpinose, Professional Proplement States - Annual Primmarpinose, Professional Primmarpinose, Proplement States - Annual Primmarpinose, P

with 2.4.0 amins formulation may be applied by all memoralism applications only. This product, when took in ALL PRODUCTION OF RECEAS COUNTY, CALL POREA, they in item state applies only from Fideway 15 through 1 forth: Presen County line last: Shall lighousy 20 leat: Presen County line shall provide the present county line and of follow the bad directions and precautionary in and and follow the bad directions and precautionary in the state of the

2 quarts per aons stage 6 quarts per aons Apply apray-to-set; point of runoff

2. FOR APPLICATIONS TO ROUNDUP READY FLEX COTTON IN THE STATE OF ARCIDINA CHLY

NOTE: Some cop discularious and prolesing may excur at higher or sector at higher and sections. Reduction and the beau sections are sector under a Mining of Populations.

In this or the section of the section of the section and is self-under a first segment of the segment per section of the section of the

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For release of the following or Bouglas Fir Passishings mentional Fir Ables app. Henlack Tangs app. "Includes all species except-Place\*
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Place app. No. 12.5 is and of the president on an execution the independent from court of the court of the channels between the court of the court of the channels between the court of the court of the channels court of the