

Complete Directions for Use in Aquatic and Other Waterways.

EPA Reg. No. 524-343

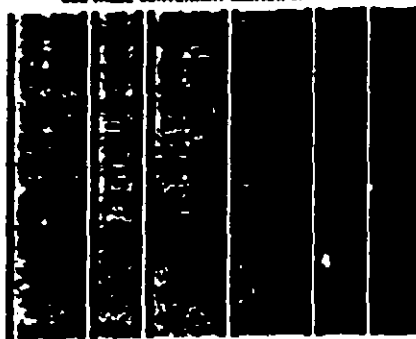
AVOID CONTACT WITH FOLIAGE, GREEN STEMS, OR FRUIT OF CROPS, DESIRABLE PLANTS AND TREES, SINCE SEVERE INJURY OR DESTRUCTION MAY RESULT.

® RODEO is a registered trademark of Monsanto Company.

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Read each of these sections of this label for essential product performance information.

USE THESE CONVENIENT SECTION MARKERS.



PRECAUTIONARY STATEMENTS

Hazards to Humans
and Domestic Animals

Keep out of reach of children.

CAUTION!

MAY CAUSE EYE IRRITATION.

HARMFUL IF INHALED.

Avoid contact with eyes, skin or clothing.

Avoid breathing vapors or spray mist.

FIRST AID: IF IN EYES, flush with plenty of water for at least 15 minutes. Call a physician.

IF ON SKIN, flush with water. Wash clothing before reuse.

IF INHALED, remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Call a physician.

In case of an emergency involving this product, Call Collect, day or night, (314) 694-4000.

Environmental Hazards

Do not contaminate water by cleaning of equipment or disposal of waste. Treatment of aquatic weeds can result in oxygen loss from decomposition of dead plants. This loss can cause fish suffocation.

USE OF:

SPILL or LEAK, soak up and remove to a landfill.

Read the entire label before using this product.

Use only according to label instructions.

Read "LIMIT OF WARRANTY AND LIABILITY" before buying or using.

If terms are not acceptable, return of once unopened.

REFORMULATION OR REPACKAGING IS PROHIBITED.

LIMIT OF WARRANTY AND LIABILITY

The Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes set forth in the Complete Directions for Use label booklet ("Directions") when used in accordance with these Directions under the conditions described therein. NO OTHER OTHER EXPRESS WARRANTY OR IMPLIED WARRANTY OF FITNESS FOR PARTICULAR PURPOSE OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY IS MADE. This warranty is also subject to the conditions and limitations stated herein.

Buyer and all users shall promptly notify this Company of any claims whether based in contract, negligence, strict liability, other tort or otherwise.

Buyer and all users are responsible for all loss or damage from use or handling which results from conditions beyond the control of this Company, including, but not limited to, incompatibility with products other than those set forth in the Directions, application to or contact with desirable vegetation, unusual weather, weather conditions which are outside the range considered normal at the application site and for the time period when the

ACCEPTED

NOV - 7 1998

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 524-343

Physical or Chemical Hazards

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

DO NOT MIX, STORE OR APPLY THIS PRODUCT OR SPRAY SOLUTIONS OF THIS PRODUCT IN GALVANIZED STEEL OR UNLINED STEEL (EXCEPT STAINLESS STEEL) CONTAINERS OR SPRAY TANKS. This product or spray solutions of this product react with such containers and tanks to produce hydrogen gas which may form a highly combustible gas mixture. This gas mixture could flash or explode, causing serious personal injury, if ignited by open flame, spark, welder's torch, lighted cigarette or other ignition source.

ACTIVE INGREDIENT:

*Isopropylamine salt of glyphosate	53.8%
INERT INGREDIENTS:	46.2%
	100.0%

*Contains 648 grams per litre or 5.4 pounds of the active ingredient isopropylamine salt of N-(phosphonomethyl) glycine per U.S. gallon. Equivalent to 480 grams per litre or 4 pounds per U.S. gallon of the acid, glyphosate.

product is applied, as well as weather conditions which are outside the application ranges set forth in the Directions, application in any manner not explicitly set forth in the Directions, moisture conditions outside the moisture range specified in the Directions, or the presence of products other than those set forth in the Directions in or on the soil or treated vegetation.

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

Buyer and all users are deemed to have accepted the terms of this LIMIT OF WARRANTY AND LIABILITY which may not be varied by any verbal or written agreement.

Product is protected by
U.S. Patent No. 3,791,588 and
U.S. Patent No. 4,405,536
Other patents pending

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MONSANTO COMPANY
AGRICULTURAL PRODUCTS
ST. LOUIS, MISSOURI 63167 U.S.A.



This product, a water soluble liquid, mixes readily with water and is nonionic surfactant to be applied as a spray for the control or destruction of many herbaceous and woody plants.

This product moves through the plant from the point of foliage contact to and into the root system. Visible effects on most annual weeds occur within 2 to 4 days but on most perennial or brush species may not occur for 7 days or more. Extremely cool or cloudy weather following treatment may slow the activity of this product and delay visible effects of control. Visible effects are a gradual wilting and yellowing of the plant which advances to complete browning of aboveground growth and deterioration of underground plant parts.

Unless otherwise directed on this label, delay application until vegetation has emerged and reached the stage described for control of such vegetation under the "Weeds Controlled" section of this label.

Unemerged plants arising from unattached underground rhizomes or root stocks of perennials or brush will not be affected by the spray and will continue to grow. For this reason best control of most perennial weeds or brush is obtained when treatment is made at late growth stages approaching maturity.

Always use the higher rate of this product per acre within the recommended range when vegetation is heavy or dense.

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

Reduced control may result when applications are made to any weed or brush species that have been mowed, grazed, or cut, and have not been allowed to regrow to the recommended stage for treatment.

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

This product does not provide residual weed control. For subsequent residual weed control, follow a label-approved herbicide program. Read and carefully observe

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the Cautionary statements and all other information appearing on the labels of all herbicides used.

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

ATTENTION

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

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

NOTE: Use of this product in any manner not consistent with this label may result in injury to persons, animals, or crops, or other unintended consequences. When not in use, keep container closed to prevent spills and contamination.

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APPLY THESE SPRAY SOLUTIONS IN PROPERLY MAINTAINED AND CALIBRATED EQUIPMENT CAPABLE OF DELIVERING DESIRED VOLUMES. HOOD-GUN APPLICATIONS SHOULD BE PROPERLY DIRECTED TO AVOID SPRAYING DESIRABLE PLANTS. NOTE: REDUCED RESULTS MAY OCCUR IF WATER CONTAINING SOIL IS USED, such as WATER FROM PONDS AND UNLINED DITCHES.

MIXING

This product mixes readily with water. Mix spray solutions of this product as follows: Fill the mixing or spray tank with the required amount of water while adding the required amount of this product (see "Directions for Use" and "Weeds Controlled" sections of this label). Near the end of the filling process, add the required surfactant and mix well. Remove hose from tank immediately after filling to avoid siphoning back into the water source. During mixing and application, foaming of the spray solution may occur. To prevent or minimize foam, avoid the use of mechanical agitators; place the filling hose below the surface of the spray solution; terminate by-pass and return lines at the bottom of the tank and if needed use an approved anti-foam or defoaming agent.

Keep by-pass line on or near bottom of tank to minimize foaming. Screen size in nozzle or line strainers should be no finer than 50 mesh. Carefully select correct nozzle to

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avoid spraying a fine mist. For best results with conventional ground application equipment, use flat fan nozzles. Check for even distribution of spray droplets.

When using this product, mix 2 or more quarts of one of the following approved surfactants per 100 gallons of spray solution.

Agri-Bon SM	Pro-So Surfactant Activator
Induct SM	® (1) SM
LI-700 SM	Spreader Sticker SM
Liquo-Wet SM	Super Spread SM 250
Orbit 3-77 SM	Widespread SM
Pamag SM	

Always read and follow the manufacturer's surfactant label recommendations for best results.

These surfactants should not be used in excess of 1 quart per acre when making broadcast applications.

Clean sprayer and parts immediately after using this product by thoroughly flushing with water and dispose of runoffs according to labeled use or disposal instructions.

Carefully observe all cautionary statements and other information appearing on the surfactant label.

SMAgri-Bon and Induct are trademarks of the Helene Chemical Company.

SMLiquo-Wet is a trademark of the Westbury Chemical Company.

SMLI-700 is a trademark of Lorabond Industries, Inc.

SMOrbit 3-77 is a trademark of Chemco Chemical Company.

SMPamag is a trademark of Agropur Florida Company.

Surfactant Activator is distributed by Regent Chemical Company.

SMLI-11 and Super Spread 250 are trademarks of the Wilbur-Ellis Company.

SMSpreader-Sticker is a trademark of the Southern Mill Creek Products Company.

SMWidespread is a trademark of the FMC Corporation.

APPLICATION EQUIPMENT AND TECHNIQUES

AERIAL EQUIPMENT

DO NOT APPLY THIS PRODUCT BY AIR IN CALIFORNIA.

Use the recommended rates of this product and surfactant in 3 to 20 gallons of water per acre as a broadcast spray, unless otherwise specified. See the "Weeds Controlled" section of this label for specific rates. Aerial applications of this product may only be made as specifically recommended on this label.

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

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

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

Ensure uniform application — To avoid streaked, uneven or overlapped application, use appropriate marking devices.

Thoroughly wash aircraft, especially landing gear, after each day of spraying to remove residues of this product accumulated during spraying or from spills. PROLONGED EXPOSURE OF THIS PRODUCT TO UNCOATED STEEL SURFACES MAY RESULT IN CORROSION AND POSSIBLE FAILURE OF THE PART. LANDING GEAR ARE MOST SUSCEPTIBLE. The maintenance of an organic coating (paint) which meets aerospace specification MIL-C-30413 may prevent corrosion.

GROUND EQUIPMENT

For control of weed or brush species listed on this label using conventional ground equipment — Use the recommended rates of this product and surfactant in 3 to 20 gallons of water per acre as a broadcast spray, unless otherwise specified. See the "Weeds Controlled" section of this label for specific rates. As density of vegetation increases, spray volume should be increased within the recommended range to insure complete coverage. Carefully select correct nozzle to avoid spraying a fine mist. For best results with ground application equipment, use flat fan nozzles. Check for even distribution of spray droplets.

<i>Guineagrass</i>	<i>Tarpegrasses*</i>
<i>Panicum maximum</i>	<i>Panicum repens</i>
<i>Eleusine</i>	<i>Triticum, common</i>
<i>Sorghum carolinense</i>	<i>Scirpus acutus</i>
<i>Eleusine</i>	<i>Eleusine</i>
<i>Amorpha rusticana</i>	<i>Paspalum urvillei</i>
<i>Eleusine</i>	<i>Heliotropium</i>
<i>Sorghum halepense</i>	<i>Eleusine crassipes</i>
<i>Eleusine</i>	<i>Heliotropium</i>
<i>Pennisetum</i>	<i>Pennisetum</i>
<i>clandestinum</i>	<i>clandestinum</i>
<i>Eleusine</i>	<i>Ludwigia spp.</i>
<i>Centrosema repens</i>	<i>Eleusine, western</i>
	<i>Agropyron smithii</i>

*Partial control

**Partial control in southeastern states. See specific recommendations below.

✓ Alligatorweed — Apply 6 pints of this product per acre as a broadcast spray or as a 1 1/4 percent solution with hand-held equipment to provide partial control of alligatorweed. Apply when most of the target plants are in bloom. Repeat applications will be required to maintain such control.

Bermudagrass — Apply 7 1/2 pints of this product per acre as a broadcast spray or as a 1 1/4 percent solution with hand-held equipment. Apply when target plants are actively growing and when seed heads appear.

Bindweed, field/Silverleaf Nightshade/Texas Blueweed — Apply 6 to 7 1/2 pints of this product per acre as a broadcast spray west of the Mississippi River and 4 1/2 to 6 pints of this product per acre east of the Mississippi River. With hand-held equipment use a 1 1/4 percent solution. Apply when target plants are actively growing and are at or beyond full bloom. For silverleaf nightshade, best results can be obtained when application is made after berries are formed. Do not treat when weeds are under drought stress. New leaf development indicates active growth. For best results apply in late summer or fall.

Buckhorn — Apply 4 1/2 to 6 pints of this product per acre as a broadcast spray or as a 1/4 to 1 percent solution with hand-held equipment. Apply to fully expanded leaves which are at least 18 inches long.

Cattail — Apply 4 1/2 to 6 pints of this product per acre as a broadcast spray or as a 1/4 percent solution with hand-held equipment. Apply when target plants are actively growing and are at or beyond the early-to-full bloom stage of growth. Best results are achieved when application is made during the summer or fall months.

Culm, giant — Apply 6 pints of this product per acre as a broadcast spray or as a 1 percent solution with hand-held equipment to provide partial control of giant culm. Repeat applications will be required to maintain such control, especially where vegetation is partially submerged in water. Allow for substantial regrowth to the stem-to-leaf stage prior to retreatment.

Begonia, hemp/Elmwood/Horseweed — Apply 6 pints of this product per acre as a broadcast spray or as a 1 1/4 percent solution with hand-held equipment. Apply when target plants are actively growing and must have reached the late bud-to-flower stage of growth. For best results, apply in late summer or fall.

Fescue, tall — Apply 4 1/2 pints of this product per acre as a broadcast spray or as a 1 percent solution with hand-held equipment. Apply when target plants are actively growing and must have reached the boot-to-head stage of growth. When applied prior to the boot stage, less desirable control may be obtained.

Guineagrass — Apply 4 1/2 pints of this product per acre as a broadcast spray or as a 1/4 percent solution with hand-held equipment. Apply when target plants are actively growing and when must have reached at least the 7-leaf stage of growth.

Johnsongrass/Bromegrass, Kentucky/Bromegrass, smooth/Canarygrass, reed/Ochrochloa/Bromegrass, perennial/Reed/Bromegrass, western — Apply 3 to 4 1/2 pints of this product per acre as a broadcast spray or as a 1/4 percent solution with hand-held equipment. Apply when target plants are actively growing and must

have reached the boot-to-head stage of growth. When applied prior to the boot stage, less desirable control may be obtained. In the fall, apply before plants have turned brown.

Lantana — Apply this product as a 1/4 to 1 percent solution with hand-held equipment. Apply to actively growing lantana at or beyond the bloom stage of growth. Use the higher application rate for plants that have reached the woody stage of growth.

Limonite, purple — Apply 4 pints of this product per acre as a broadcast spray or as a 1 percent solution using hand-held equipment. Treat when plants are actively growing at or beyond the bloom stage of growth. Best results are achieved when application is made during summer or fall months. Fall treatments must be applied before a killing frost.

Limon, American — Apply 4 pints of this product per acre as a broadcast spray or as a 1/4 percent solution with hand-held equipment. Treat when plants are actively growing at or beyond the bloom stage of growth. Best results are achieved when application is made during summer or fall months. Fall treatments must be applied before a killing frost. Repeat treatment may be necessary to control regrowth from underground parts and seeds.

Maidenhair/Paspalum — Apply 6 pints of this product per acre as a broadcast spray or as a 1/4 percent solution with hand-held equipment. Repeat treatments will be required, especially to vegetation partially submerged in water. Under these conditions, allow for regrowth to the stem-to-leaf stage prior to retreatment.

Milkweed, common — Apply 4 1/2 pints of this product per acre as a broadcast spray or as a 1 1/4 percent solution with hand-held equipment. Apply when target plants are actively growing and must have reached the late bud-to-flower stage of growth.

Mutecia, purple, yellow — Apply 4 1/2 pints of this product per acre as a broadcast spray, or as a 1/4 percent solution with hand-held equipment to control existing nutcracker plants and immature nutlets attached to treated plants. Apply when target plants are in flower or when new nutlets can be found at rhizome tips. Nutlets which have not germinated will not be controlled and may germinate following treatment. Repeat treatments will be required for long-term control.

✓ Phragmites — For partial control of phragmites in Florida and the counties of other states bordering the Gulf of Mexico, apply 7.5 pints per acre as a broadcast spray or apply a 1 1/4 percent solution with hand-held equipment. In other areas of the U.S., apply 4 to 6 pints per acre as a broadcast spray or apply a 1/4 percent solution with hand-held equipment for partial control. For best results, treat during late summer or fall months when plants are actively growing and in full bloom. Due to the dense nature of the vegetation, which may prevent good spray coverage and ensure stages of growth, repeat treatments may be necessary to maintain control. Visual control symptoms will be slow to develop.

Quackgrass/Elmgrass/Thistle, white — Apply 3 to 4 1/2 pints of this product per acre as a broadcast spray or as a 1/4 percent solution with hand-held equipment when most quackgrass or white thistle is at least 8

inches in height (3- or 4-leaf stage of growth) and actively growing. Allow 3 or more days after application before tillage.

✓ Spatterdock — Apply 6 pints of this product per acre as a broadcast spray or as a 1/4 percent solution with hand-held equipment. Apply when most plants are in full bloom. For best results, apply during the summer or fall months.

Sweet potato, wild — Apply this product as a 1 1/4 percent solution using hand-held equipment. Apply to actively growing weeds that are at or beyond the bloom stage of growth. Repeat applications will be required. Allow the plant to reach the recommended stage of growth before retreatment.

Thistle — Apply 3 to 4 1/2 pints of this product per acre as a broadcast spray or as a 1 1/4 percent solution with hand-held equipment. Apply when target plants are actively growing and are at or beyond the bud stage of growth.

Tarpegrasses — Apply 6 to 7 1/2 pints of this product per acre as a broadcast spray or as a 1/4 to 1 1/4 percent solution with hand-held equipment to provide partial control of tarpegrasses. Use the lower rates under terrestrial conditions, and the higher rates under partially submerged or a floating mat condition. Repeat treatments will be required to maintain such control.

✓ Triticum, common — Apply this product as a 1 1/4 percent solution with hand-held equipment. Apply to actively growing plants at or beyond the seedhead stage of growth.

After application visual symptoms will be slow to appear and may not occur for 3 or more weeks.

Waterhyacinth — Apply 5 to 6 pints of this product per acre as a broadcast spray or apply a ¼ to 1 percent solution with hand-held equipment. Apply when target plants are actively growing and at or beyond the early bloom stage of growth. After application, visual symptoms may require 3 or more weeks to appear with complete necrosis and decomposition usually occurring within 60 to 90 days. Use the higher rates when more rapid visual effects are desired.

Waterhemp — For control, apply ¼ to 1 percent solution of this product with hand-held equipment to actively growing plants. Use higher rates where infestations are heavy. Best results are obtained from mid-summer through winter applications. Spring applications may require retreatment.

Waterprimrose — Apply this product as a ¼ percent solution using hand-held equipment. Apply to plants that are actively growing at or beyond the bloom stage of growth, but before full color changes occur. Thorough coverage is necessary for best control.

Other perennials listed on this label — Apply 4½ to 7½ pints of this product per acre as a broadcast spray or as a ¼ to 1½ percent solution with hand-held equipment. Apply when target plants are actively growing and most have reached early bud or early bud stage of growth.

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WOODY BRUSH AND TREES

When applied as recommended under the conditions described, this product plus surfactant **CONTROLS** or **PARTIALLY CONTROLS** the following woody brush plants and trees.

Alder	Maple:
<i>Alnus</i> spp.	Bald*
Ash*	<i>Acer rubrum</i>
<i>Fraxinus</i> spp.	Sage
Aspen, quaking	<i>Acer saccharum</i>
<i>Populus tremuloides</i>	Wax*
Barnet (Blackcherry)	<i>Acer crinitum</i>
<i>Chamaebata foliolosa</i>	Mountain Flower*
Black	<i>Rhamnus gottardii</i>
<i>Betula</i> spp.	Mammilla
Blackberry	<i>Arctostaphylos</i> spp.
<i>Rubus</i> spp.	Gink:
Broom:	Black*
French	<i>Quercus velutina</i>
<i>Cytisus</i>	Northern Pine
<i>monspeliensis</i>	<i>Quercus palestris</i>
Scotch	Past
<i>Cytisus scoparius</i>	<i>Quercus stellata</i>
Blackhaw, California*	Red
<i>Eriogonum fasciculatum</i>	<i>Quercus rubra</i>
Ceanoth*	Southern red
<i>Rhamnus purshiana</i>	<i>Quercus falcata</i>

Catalpa*	Wax*
<i>Acacia greggii</i>	<i>Quercus alba</i>
Ceanothus	Persimmon*
<i>Ceanothus</i> spp.	<i>Diopyros</i> spp.
Chamise	Pison Ivy
<i>Adenostoma</i>	<i>Rhus radicans</i>
<i>fasciculatum</i>	Pison Oak
Cherry:	<i>Rhus laevifolia</i>
Bitter	<i>Rhus laevifolia</i>
<i>Prunus emarginata</i>	Poplar, yellow*
Black	<i>Liriodendron tulipifera</i>
<i>Prunus serotina</i>	Raspberry
Pine	<i>Rubus</i> spp.
<i>Prunus pennsylvanica</i>	<i>Rosa multiflora</i>
Capote brush	<i>Rosa multiflora</i>
<i>Baccharis confertifolia</i>	Sage, black
Ceanoth, Virginia*	<i>Salvia mellifera</i>
<i>Parthenocissus</i>	Sagebrush, California
<i>quinquefolia</i>	<i>Artemisia californica</i>
Bowberry	Salmonberry
<i>Rubus</i> spp.	<i>Rubus spectabilis</i>
Elderberry	Saltbush, Sea myrtle
<i>Sambucus</i> spp.	<i>Baccharis halimifolia</i>
Elm*	Sambucus
<i>Ulmus</i> spp.	<i>Sassafras arbutum</i>
Eucalyptus, blongum	Sourwood*
<i>Eucalyptus glauca</i>	<i>Ostrya arbutum</i>

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Hazard*	Somac:
<i>Haplopappus squameus</i>	Palm*
Heath	<i>Rhus virens</i>
<i>Crataegus</i> spp.	Smooth*
Hazel	<i>Rhus glabra</i>
<i>Corylus</i> spp.	Winged*
Holly, Florida; Brazilian	<i>Rhus copallina</i>
Poppytree	Sweet Gum
<i>Schinus</i>	<i>Liquidambar styraciflua</i>
<i>terrestris</i>	Sweetgum*
Manzanilla	<i>Polystichum nudum</i>
<i>Lonicera</i> spp.	Tallgrass, Chinese
Medea	<i>Sapota sebiferum</i>
<i>Pueraria lobata</i>	Thimbleberry
Locust, black*	<i>Rubus parviflorus</i>
<i>Rubus pseudoacacia</i>	Tobacco, tree*
	<i>Nicotiana glauca</i>
	Trompschroper
	<i>Campylopus radicans</i>
	Waxmyrtle, southern*
	<i>Myrica caribaea</i>
	Willow
	<i>Salix</i> spp.

*Partial control

**See below for control or partial control instructions.

NOTE: If brush has been mowed or killed or trees have been cut, do not treat until regrowth has reached the recommended stage of growth.

Apply the recommended rate of this product plus 2 or more quarts of an approved nonionic surfactant per 100 gallons of spray solution when plants are actively growing and unless otherwise directed, after full-leaf expansion. Use the higher rate for larger plants and / or dense areas of growth. On vines, use the higher rate for plants that have reached the woody stage of growth. Best results are obtained when application is made in late summer or fall after fruit formation.

In arid areas, best results are obtained when application is made in the spring to early summer when brush species are at high moisture content and are flowering. Ensure thorough coverage when using hand-held equipment. Symptoms may not appear prior to frost or senescence with full 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 full treatments are made following a frost.

See "Directions for Use" and "Mixing and Application Instructions" section of this label for labeled use and specific application instructions.

Apply the product as follows to control or partially control the following woody brush and trees.

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Alder / Blackberry / Bowberry / Manzanilla / Oak, Past / Raspberry — For control, apply 4½ to 6 pints per acre as a broadcast spray or as a ¼ to 1½ percent solution with hand-held equipment.

Aspen, Quaking / Hawthorn / Trompschroper — For control, apply 3 to 4½ pints of this product per acre as a broadcast spray or as a ¼ to 1½ percent solution with hand-held equipment.

Birch / Elderberry / Hazel / Salmonberry / Thimbleberry — For control, apply 3 pints per acre of this product as a broadcast spray or as a ¼ percent solution with hand-held equipment.

Broom: French, Scotch — For control, apply a 1½ to 1½ percent solution with hand-held equipment.

Blackhaw, California / Manzanilla / Mountain Flower / Tobacco, Tree — For partial control of these species, apply a ¼ to 1½ percent solution of this product as a foliar spray with hand-held equipment. Thorough coverage of foliage is necessary for best results.

Catalpa — For partial control, apply a 1½ to 1½ percent solution with hand-held equipment and at least 50 percent of the new leaves are fully developed.

Cherry: Bitter, Black, Pin / Oak, Southern Red / Sweet Gum — For control, apply 3 to 7½ pints of this product per acre as a broadcast spray or as a 1 to 1½ percent solution with hand-held equipment.

Capote Brush — For control, apply a 1½ to 1½ percent solution with hand-held equipment when at least 50 percent of the new leaves are fully developed.

Eucalyptus, blongana — For control of eucalyptus resprouts, apply a 2 percent solution of this product with hand-held equipment when resprouts are 6 to 12 feet tall. Ensure complete coverage. Apply when plants are actively growing. Avoid application to drought stressed plants. For control of eucalyptus trees 2 to 24 inches in diameter, cut trees as close to the soil surface as desired. Apply a 50 to 100 percent solution of this product to freshly cut surface immediately after cutting. Delay in applying this product may result in poor performance.

Holly, Florida/Woodville — For partial control, apply this product as a 1 1/4 percent solution with hand-held equipment.

Kudzu — For control, apply 6 pints of this material per acre as a broadcast spray or as a 1 1/4 percent solution with hand-held equipment. Repeat applications will be required to maintain control.

Maple, Red* — For control, apply as a 1/4 to 1 1/4 percent solution with hand-held equipment when leaves are fully developed. For partial control, apply 2 to 7 1/4 pints of this product per acre as a broadcast spray.

Maple, Sugar/Black Northern Pin, Red — For control, apply as 1/4 to 1 1/4 percent solution with hand-held equipment when at least 50 percent of the new leaves are fully developed.

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AQUATIC AND OTHER NONCROP SITES

When applied as directed and under the conditions described in the "Weeds Controlled" section of this label, this product will control or partially control the labeled weeds growing in the following industrial, recreational, and public areas or other similar sites.

Aquatic Sites — including all bodies of fresh and brackish water which may be flowing, nonflowing, or transient. This includes lakes, rivers, streams, ponds, seeps, irrigation and drainage ditches, canals, reservoirs, and similar sites.

If aquatic sites are present in the noncrop area and are part of the intended treatment, read and observe the following directions:

There is no restriction on the use of treated water for irrigation, recreation, or domestic purposes.

Consult local state fish and game agency and water control authorities before applying this product to public water. Permits may be required to treat such water.

NOTE: Do not apply this product within 1/4 mile upstream of a potable water intake in flowing water (i.e., river, stream, etc.) or within 1/4 mile of a potable water intake in a standing body of water such as lake, pond, or reservoir.

Do not apply this product on open lands where flood water is present.

Do not apply to estuaries.

Delete

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Poison Ivy/Poison Oak — For control, apply 6 to 7 1/4 pints of this product per acre as a broadcast spray or as a 1 1/4 percent solution with hand-held equipment. Repeat applications may be required to maintain control. Fall treatments must be applied before leaves lose green color.

Rain, Multiflora — For control, apply 3 pints of this product per acre as a broadcast spray or as a 1/4 percent solution with hand-held equipment. Treatments should be made prior to leaf deterioration by leaf-feeding insects.

Sage, Black/Sagebrush, California/Chamise/Talladega, Chinese — For control of these species, apply a 1/4 percent solution of this product as a foliar spray with hand-held equipment. Thorough coverage of foliage is necessary for best results.

Saltbrush, Sea myrtle — For control, apply this product as a 1 percent solution with hand-held equipment.

Willow — For control, apply 4 1/4 pints of this product per acre as a broadcast spray or as a 1/4 percent solution with hand-held equipment.

*Other woody brush and trees listed in this label — For partial control, apply 3 to 7 1/4 pints of this product per acre as a broadcast spray or as a 1/4 to 1 1/4 percent solution with hand-held equipment.

This product does not control plants which are completely submerged or have a majority of their foliage under water.

For treatments after drawdown of water or in dry ditches, allow 7 or more days after treatment before reintroduction of water. Apply this product within one day after drawdown to ensure application to actively growing weeds.

Floating mats of vegetation may require retreatment. Avoid wash-off of sprayed foliage by spray heat or recreational boat backwash or by rainfall within six hours of application. Do not retreat within 24 hours following the initial treatment.

Applications made to moving bodies of water must be made while traveling upstream to prevent concentration of this herbicide in water. When making any herbicide applications, do not overlap more than 1 foot into open water. Do not spray across open moving bodies of water, or where weeds do not exist. The maximum application rate of 7 1/4 pints per acre must not be exceeded in any single application.

When emergent infestations require treatment of the total surface area of impounded water, treating the area in strips may avoid oxygen depletion due to decaying vegetation. Oxygen depletion may result in fish kill.

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It is a violation of Federal law to use this product on any manner inconsistent with its labeling.

Storage or Disposal

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

STORAGE

STORE ABOVE 10°F (-12°C) TO KEEP PRODUCT FROM CRYSTALLIZING.

Crystals will settle to the bottom. If allowed to crystallize, place in a warm room 68°F (20°C) for several days to redissolve and mix well before using.

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 buried on site in a safe place away from water supplies. All disposal should be in accordance with applicable Federal, state or local procedures.

Emptied container retains vapor and product residue. Observe all labeled safeguards until container is destroyed. Do not reuse container; destroy when empty.

Triple rinse container, then puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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Other Noncrop-Type Sites:

Airports	Pipelines, Power, Telephone & Utility Rights of Way
Golf Courses	Pumping Installations
Highways & Roadways	Railroads
Industrial Plant Sites	Schools
Lumberyards	Storage Areas
Parking Areas	Transfer Sites
Ports	
Petroleum Tank Farms	

INJECTION AND FRILL APPLICATIONS

Woody vegetation may be controlled by injection or frill application of this product. Apply this product using suitable equipment which must penetrate into living tissue. Apply the equivalent of 0.75 ml of this product per 2 to 3 inches of trunk diameter. This is best achieved by applying 25 to 100 percent concentration of this material either to a continuous frill around the tree or as cuts evenly spaced around the tree below all branches. As tree diameter increases in size, better results are achieved by applying dilute material to a continuous frill or more closely spaced cuttings. Avoid application techniques that allow runoff to occur from frill or cut areas in species that exude sap freely after frills or cutting. In species such as these, make full or cut at an oblique angle so as to produce a capping effect and use undiluted material. For best results, applications should be made during periods of active growth and full leaf expansion.

This treatment WILL CONTROL the following woody species:

Bush	Sumac
Quercus spp	Liquidambar
Poplar	strychnos
Populus spp	Sycamore
	Platanus
	occidentalis

This treatment WILL SUPPRESS the following woody species:

Black gum	Hickory
Azalea	Carya spp
Baywood	Maple, red
Cornus spp	Acer rubrum

RELEASE OF BERMUDAGRASS OR BAHAGRASS ON NONCROP SITES

RELEASE OF DORMANT BERMUDAGRASS AND BAHAGRASS

When applied as directed, this product will provide control or suppression of many winter annual weeds and tall fescue for effective release of dormant bermudagrass or bahagrass. Make applications to dormant bermudagrass or bahagrass.

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

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WEEDS CONTROLLED

Rate recommendations for control or suppression of winter annuals and tall fescue are listed below.

Apply the recommended rates of this product in 10 to 25 gallons of water per acre plus 2 quarts nonionic surfactant per 100 gallons of total spray volume.

WEEDS CONTROLLED OR SUPPRESSED*

NOTE: C = Control

S = Suppression

WEED SPECIES	RODEO® FLUID OZ./ACRE					
	6	9	12	18	24	48
Bark, Red	S	C	C	C	C	C
Hardstem purslane						
Bedstraw, catchweed	S	C	C	C	C	C
Catnip, spurge						
Bluegrass, annual	S	C	C	C	C	C
Poa annua						
Chenop	S	C	C	C	C	C
Chenopodium tentorium						
Chickweed, common	S	C	C	C	C	C
Stellaria media						
Clover, common	•	S	S	C	C	C
Eriogonum incarnatum						
Clover, large leaf	•	S	S	C	C	C
Eriogonum composite						
Speedwell, corn	S	C	C	C	C	C
Veronica anagallis						
Fescue, tall	•	•	•	•	S	S
Festuca arundinacea						

Gambusia, Carolina	•	•	S	S	C	C
Gambusia caroliniana						
Nuttall	•	S	C	C	C	C
Lamium angustifolium						
Ryegrass, Italian	•	•	S	C	C	C
Lolium multiflorum						
Witch, common	•	•	S	C	C	C
Vicia sativa						

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

RELEASE OF ACTIVELY GROWING BERMUDAGRASS

NOTE: USE ONLY ON SITES WHERE BAHAGRASS OR BERMUDAGRASS ARE DESIRED FOR GROUND COVER AND SOME TEMPORARY INJURY OR YELLOWING OF THE GRASSES CAN BE TOLERATED.

When applied as directed, this product will aid in the release of bermudagrass by providing control of annual species listed in the "Weeds Controlled" section of this label, and suppression or partial control of certain perennial weeds.

For control or suppression of these annual species listed on this label, use 1/4 to 2 1/4 pints of this product as a broadcast spray in 10 to 25 gallons of spray solution per acre, plus 2 quarts of an approved nonionic surfactant per 100 gallons of total spray volume. Use the lower rate when treating annual weeds below 6 inches in height (or length of runner in annual vines). Use higher rate as size of plants increases or as they approach flower or seedhead formation.

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BAHAGRASS SEEDHEAD AND VEGETATIVE SUPPRESSION

When applied as directed in the "Noncrop Sites" section of this label, this product will provide significant inhibition of seedhead emergence and will suppress vegetative growth for a period of approximately 45 days with single applications and approximately 120 days with sequential applications.

Apply this product 1 to 2 weeks after full green-up of bahagrass or after the bahagrass has been mowed to a uniform height of 3 to 4 inches. Applications must be made prior to seedhead emergence. Apply 5 fluid ounces per acre of this product, plus 2 quarts of an approved nonionic surfactant per 100 gallons of total spray volume in 10 to 25 gallons of water per acre.

Sequential applications of this product plus nonionic surfactant may be made at approximately 45-day intervals to extend the period of seedhead and vegetative growth suppression. For continued vegetation growth suppression, sequential applications must be made prior to seedhead emergence.

Apply no more than 2 sequential applications per year. As a first sequential application, apply 3 fluid ounces of this product per acre plus nonionic surfactant. A second sequential application of 2 to 3 fluid ounces per acre plus nonionic surfactant may be made approximately 45 days after the last application.

THIS LABEL TEXT IS NOT APPROVED FOR USE IN CALIFORNIA.

Use the higher rate for partial control or longer term suppression of the following perennial species. Use lower rates for shorter-term suppression of growth.

Bahagrass
Dallisgrass
Fescue (tall)
Johnsongrass**
Trifolium repens*
Vespa grass

*Suppression at the higher rate only.

**Johnsongrass is controlled at the higher rate.

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

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EPA Reg. No. 524-343

In case of an emergency involving this product,
Call Collect, day or night, (314) 694-4888.

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