

524-535

7/1/2009

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
TOXIC SUBSTANCES

AND

JUL 1 - 2009

Ms. Dawn Fee-White
Monsanto Company
1300 I (Eye) Street, NW, Suite 450 East
Washington, DC 20005

Dear Ms. White:

Subject: Quik Pro Herbicide (Update Master Label)
EPA Registration No. 524-535
Application Dated May 6, 2009

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended is acceptable provided you make the following changes before you release the product for shipment.

1. On page 6, under Cultural Considerations, replace the word "recommended" with the word "specified".
2. On page 8, under Colorants or Dyes, revise the phrase "manufacturer's recommendations" in the second sentence to read "manufacturer's **directions**."
3. On page 9, under General Non-Crop Areas and Industrial Sites, delete the phrase "other public areas and similar industrial and non-crop sites" and replace with a list of specific use sites.

Submit one copy of final printed labeling incorporating the above changes before you release the product for shipment. Amended labeling supersedes all previously approved ones. A stamped copy of labeling is enclosed for your records.

Sincerely,

Richard Walker for
James A. Tompkins
Product Manger 25
Herbicide Branch
Registration Division (7505P)

Registered Brand Names:

**MON 78365 Herbicide
QuikPRO® Herbicide**

Alternate text for brand logo: Powered by Roundup® Technology

Complete Directions for Use

EPA Reg. No. 524-535

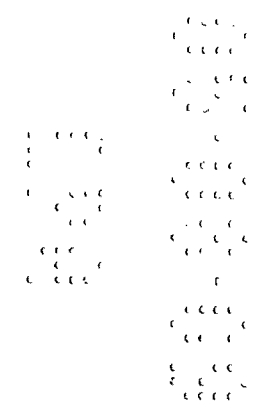
AVOID CONTACT OF THIS HERBICIDE WITH FOLIAGE, STEMS, EXPOSED NON-WOODY ROOTS, OR DESIRABLE PLANTS AND TREES, BECAUSE SEVERE INJURY OR DESTRUCTION MAY RESULT.

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.

THIS IS AN END-USE PRODUCT. MONSANTO DOES NOT INTEND AND HAS NOT REGISTERED IT FOR REFORMULATION OR REPACKAGING.



3
1/6

CONTENTS

- 1 1.0 INGREDIENTS**
- 2 2.0 IMPORTANT PHONE NUMBERS**
- 3 3.0 PRECAUTIONARY STATEMENTS**
 - 3.1 Hazards to Humans and Domestic Animals
 - 3.2 Environmental Hazards
 - 3.3 Physical or Chemical Hazards
- 4 4.0 STORAGE AND DISPOSAL**
- 5 5.0 GENERAL INFORMATION**
(How this product works)
- 6 6.0 MIXING**
 - 6.1 Procedure for Preparing Spray Solution
 - 6.2 Mixing for Hand-Held Sprayers
 - 6.3 Colorants or Dyes
 - 6.4 Drift Control Additives
- 7 7.0 APPLICATION EQUIPMENT AND TECHNIQUES**
 - 7.1 Ground Broadcast Equipment
 - 7.2 Hand-Held and High-Volume Equipment
 - 7.3 CDA Equipment
- 8 8.0 SITE AND USE RECOMMENDATIONS**
 - 8.1 General Non-crop Areas and Industrial Sites
 - 8.2 Parks, Recreational and Residential Areas
- 9 9.0 WEEDS CONTROLLED**
 - 9.1 Annual Weeds
 - 9.2 Perennial Weeds
 - 9.3 Brush Weeds and Tree Seedlings
- 10 10.0 LIMIT OF WARRANTY AND LIABILITY**

1.0 INGREDIENTS

ACTIVE INGREDIENTS:

* Glyphosate, N-(phosphonomethyl)glycine, in the form of its ammonium salt.....	73.3%
Diquat dibromide [6,7-dihydrodipyrido (1,2-a:2',1'-c) pyrazinediium dibromide].....	2.9%

OTHER INGREDIENTS:	<u>23.8%</u>
	100.0%

* Equivalent to 66.6% of the acid, glyphosate

1.0 pound contains 0.73 pound of the ammonium salt of glyphosate and 0.03 pound of the dibromide salt of diquat.

4/18

This product is protected by U.S. Patent No. 7,008,904 [insert additional as necessary]. Other patents pending. No license granted under any non-U.S. patent(s).

2.0 IMPORTANT PHONE NUMBERS

1. FOR PRODUCT INFORMATION OR ASSISTANCE IN USING THIS PRODUCT, CALL TOLL-FREE,
1-800-332-3111.
2. IN CASE OF AN EMERGENCY INVOLVING THIS PRODUCT, OR FOR MEDICAL ASSISTANCE, CALL COLLECT, DAY OR NIGHT,
(314)-694-4000.

3.0 PRECAUTIONARY STATEMENTS

3.1 Hazards to Humans and Domestic Animals

Keep out of reach of children.

CAUTION!

HARMFUL IF SWALLOWED.

HARMFUL IF INHALED.

CAUSES MODERATE EYE IRRITATION.

Avoid breathing dust or spray mist.

Avoid contact with eyes or clothing.

Remove contaminated clothing and wash clothing before reuse.

Wash thoroughly with soap and water after handling.

ACCEPTED
with COMMENTS
In EPA Letter Dated

JUL 1 - 2009

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the product
registered under EPA Reg. No.
524-535

FIRST AID	
IF SWALLOWED	<ul style="list-style-type: none"> • Call a physician or Poison Control Center for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by a Poison Control Center or physician. • Do not give anything by mouth to an unconscious person. • Quick treatment is essential to counteract poisoning and should be initiated before signs and symptoms of injury appear.
IF INHALED	<ul style="list-style-type: none"> • Move person to fresh air • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a Poison Control Center or physician for further treatment advice.
IF IN EYES	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a Poison Control Center or physician for treatment advice.
<ul style="list-style-type: none"> • Have the product container or label with you when calling a poison control center or physician, or going for treatment. • You may also contact (314) 694-4000, collect day or night, for emergency medical treatment information. • This product is identified as [INSERT BRAND NAME], EPA Registration No. 524-535. 	

5/18

DOMESTIC ANIMALS: Keep livestock and pets out of treated areas. Do not graze livestock on treated areas. This product is considered to be relatively nontoxic to dogs and other domestic animals; however, ingestion of this product or large amounts of freshly sprayed vegetation may result in temporary gastrointestinal irritation (vomiting, diarrhea, colic, etc.). If such symptoms are observed, provide the animal with plenty of fluids to prevent dehydration. Call a veterinarian if symptoms persist for more than 24 hours.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear: Long-sleeved shirt and long pants, protective footwear plus socks, and protective eyewear. Discard clothing and other materials that have been heavily contaminated with this product's concentrate. 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.

User Safety Recommendations

Users should:

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

3.2 Environmental Hazards

This product is toxic to aquatic invertebrates. 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.

3.3 Physical or Chemical Hazards

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

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

DIRECTIONS FOR USE

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

Entry Restrictions: Keep all unprotected persons out of operating areas or vicinity where there may be drift. Keep people and pets off treated areas until spray solution has dried.

4.0 STORAGE AND DISPOSAL

[FOR RIGID PLASTIC 2.5 GAL CONTAINERS OR OTHERS <= 5 GAL]

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

PESTICIDE STORAGE: Store pesticides away from food, pet food, feed, seed, fertilizers, and veterinary supplies. Keep container closed to prevent spills and contamination.

[Alternate language] Do not contaminate water, foodstuffs, feed or seed by storage or disposal. Keep container closed to prevent spills and contamination.

PESTICIDE DISPOSAL: To avoid wastes, use all material in this container, including rinsate, by application in accordance with label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program. Such programs are often run by state or local governments or by industry. All disposal must be in accordance with applicable Federal, State and local procedures

CONTAINER DISPOSAL:

Nonrefillable container. Do not reuse this container to hold materials other than pesticides or dilute pesticides (rinsate). After emptying and cleaning, it may be allowable to temporarily hold rinsate or other pesticide-related materials in this container. Contact your state regulatory agency to determine allowable practices in your state.

[Alternate language] **CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse or refill this container.

CONTAINER HANDLING: Triple rinse or pressure rinse container (or equivalent) promptly after emptying.

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. 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 seconds after the flow begins to drip. Repeat this procedure two more times.

Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank. 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.

Once cleaned, some plastic pesticide containers can be taken to a container collection site or picked up for recycling. To find the nearest site, contact your chemical dealer or Monsanto at 1-800-768-6387. If recycling is not available, puncture and dispose of in a sanitary landfill.

[Alternate disposal statement: Offer container for recycling, if available, or puncture and dispose of in a sanitary landfill.]

5.0 GENERAL INFORMATION

Product Description: 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. It is formulated as a water-soluble granule containing surfactant and no additional surfactant is needed or recommended. It may be applied through most standard sprayers after dissolution and thorough mixing with water according to label instructions.

Time to Symptoms: 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 1 day, and on most

perennial weeds in 2 days. Extremely cool or cloudy weather following treatment may slow activity of this product and delay development of visual symptoms. Visible effects are a quick yellowing of the foliage which advances to complete browning of above-ground growth and deterioration of underground plant parts.

Mode of Action: One of the active ingredients in this product inhibits an enzyme found only in plants and microorganisms that is essential to formation of specific amino acids. A second active rapidly disrupts cell integrity of photosynthetically active tissues in the contacted foliage.

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

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

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

No Soil Activity: 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 that have not yet emerged at the time of application will not be affected by the herbicide and will continue to grow.

Tank Mixing: This product does not provide residual weed control. For subsequent residual weed control, follow a label-approved herbicide program. Read and carefully observe the cautionary statements and all other information appearing on the labels of all herbicides used. Use according to the most restrictive label directions for each product in the mixture.

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 listed in this labeling. Mixing this product with herbicides or other materials not listed on this label may result in reduced performance.

Annual Maximum Use Rate: The maximum allowed application rates apply to this product combined with the use of any and all other herbicides containing the active ingredient glyphosate, whether applied separately or as tank mixtures. 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 (pounds acid equivalent) does not exceed the maximum allowed. For non-crop uses, the combined total of all treatments must not exceed 12.25 pounds of this product (8 pounds of glyphosate acid) per acre per year.

ATTENTION

AVOID CONTACT OF HERBICIDE WITH FOLIAGE, EXPOSED NON-WOODY ROOTS, OR DESIRABLE PLANTS AND TREES, BECAUSE SEVERE INJURY OR DESTRUCTION MAY RESULT.

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

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

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

6.0 MIXING

Mix only the amount of solution to be used during a 1-day period. Reduced visual activity but not efficacy will result from the use of leftover solution.

Clean sprayer parts immediately after using this product by thoroughly flushing with water.

NOTE: REDUCED RESULTS MAY OCCUR IF WATER CONTAINING SOIL IS USED, SUCH AS VISIBLY MUDDY WATER OR WATER FROM PONDS AND DITCHES THAT IS NOT CLEAR.

Use caution to avoid siphoning back into the carrier source. Use approved anti-back-siphoning devices where required by state or local regulations. During mixing and application, foaming of the spray solution may occur. To prevent or minimize foam, avoid the use of mechanical agitators, terminate by-pass and return lines at the bottom of the tank and, if needed, use an approved anti-foam or defoaming agent.

6.1 Procedure for Preparing Spray Solution

Use the following procedure to mix this product in water alone or when preparing tank mixtures with other labeled products. .

1. Place a 20- to 35-mesh screen or wetting basket over filling port.
2. Through the screen, fill the spray tank one-half full with water and start agitation.
3. Add [INSERT BRAND NAME] herbicide using a circular motion while pouring.
4. If second product is a wettable powder, first make a slurry with the water carrier, then add the slurry SLOWLY through the screen into the tank. Continue agitation.
5. If a flowable formulation is used, premix one part flowable with one part water. Add diluted mixture SLOWLY through the screen into the tank. Continue agitation.
6. If an emulsifiable concentrate formulation is used, premix one part emulsifiable concentrate with two parts water. Add diluted mixture slowly through the screen into the tank. Continue agitation.
7. Continue filling the spray tank with water and add water soluble liquids near the end of the filling process.

When tank mixing this product with other products, maintain good agitation at all times until the contents of the tank are sprayed. If the spray mixture is allowed to settle, thorough agitation is required to resuspend the mixture before spraying is resumed.

Keep by-pass line 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.

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

Refer to the **Tank Mixing** section of **GENERAL INFORMATION** for additional precautions.

6.2 Mixing for Hand-Held Sprayers

Prepare the desired volume of spray solution by adding the amount of this product as shown in the following table to a clean, empty sprayer. Add the appropriate amount of water and stir or agitate to ensure dissolution of this product. For use in backpack sprayers, it is suggested that the labeled amount of this product be mixed with water in a larger container. Fill sprayer with the mixed solution.

Spray Solution

9
18

Amount of [Insert brand name] herbicide

Desired Volume	Annuals	Perennials	Brush	Low-Volume Directed
1 Gal	1.2 oz	1.5 oz	1.5 oz	4.0 oz to 8.0 oz
3 Gal	3.6 oz	4.5 oz	4.5 oz	12.0 oz to 1.5 lb
10 Gal	12.0 oz	15.0 oz	15.0 oz	2.5 lb to 5.0 lb

6.3 Colorants or Dyes

Agriculturally-approved colorants or marking dyes may be added to this product. Colorants or dyes used in spray solutions of this product may reduce performance, especially at lower rates or dilutions. Use colorants or dyes according to the manufacturer's recommendations. Certain blue dyes are not stable in the spray solution in the presence of this product. A jar test to determine if the desired blue dye is stable is recommended. If stability is a problem consider switching to an alternate color dye.

6.4 Drift Control Additives

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

7.0 APPLICATION EQUIPMENT AND TECHNIQUES

SPRAY DRIFT MANAGEMENT

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

Avoiding spray drift at the application site is the responsibility of the applicator and grower. The interaction of many equipment- and weather-related factors determines the potential for spray drift. The applicator and the grower are responsible for considering all these factors when making decisions.

Do not apply this product by air.

Do not apply this product through any type of irrigation system.

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 desirable plants or other areas on which treatment was not intended.

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

7.1 Ground Broadcast Equipment

Use the labeled rates of this product in 10 to 80 gallons of water per acre as a broadcast spray unless otherwise specified. As density of weeds increases, spray volume should be increased within the range to ensure complete coverage. Carefully select proper nozzles to avoid spraying a fine mist. For best results with ground application equipment, use flat-fan nozzles. Check for even distribution of spray droplets.

7.2 Backpack or Hand-Held Equipment

Apply to foliage of vegetation to be controlled. For applications made on a spray-to-wet basis, spray coverage should be uniform and complete. Do not spray to the point of runoff. Use coarse sprays only.

For control of weeds listed in the **Annual Weeds** section of the **WEEDS CONTROLLED** section, apply 1.2 ounces of this product per 1 gallon of spray solution. See table in **Mixing for Hand-Held Sprayers** section for larger mixing volumes.

For best results, use 1.5 ounces of this product per 1 gallon of spray solution on harder-to-control perennials, such as bermudagrass, dock, field bindweed, hemp dogbane, milkweed and Canada thistle. See table in **Mixing for Hand-Held Sprayers** section for larger mixing volumes.

For low-volume directed spray applications, use 4.0 to 8.0 ounces of this product per 1 gallon of spray solution for control or partial control of brush weeds. See table in **Mixing for Hand-Held Sprayers** section for larger mixing volumes. 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 ensure adequate spray coverage, spray both sides of brush and tree seedlings when foliage is thick and dense, or where there are multiple sprouts.

7.3 CDA Equipment (optional section)

The rate of this product applied per acre by controlled droplet application (CDA) equipment must not be less than the amount stated in this label when applied by conventional broadcast equipment. For vehicle mounted CDA equipment, apply 3 to 15 gallons of water per acre.

For hand-held CDA units, apply a solution of 1.5 to 2.0 pounds of this product in one gallon of water at a flow rate of 2 fluid ounces per minute and a walking speed of 0.75 mile per hour.

CDA equipment produces a spray pattern which is not easily visible. Extreme care must be exercised to avoid spray or drift contacting the foliage or any other green tissue of desirable vegetation, as damage or destruction is likely to result.

8.0 SITE AND USE RECOMMENDATIONS

Unless otherwise specified, applications may be made to control any weeds listed in the annual, perennial and brush weeds and tree seedlings tables.

8.1 General Non-crop Areas and Industrial Sites

Use in non-crop and non-timber areas only, such as airports, apartment complexes, ditch banks, dry ditches, dry canals, fencerows, golf courses, lumberyards, manufacturing sites, office complexes, parks, parking areas, recreational areas, residential areas, schools, storage areas, warehouse areas, other public areas, and similar industrial and non-crop sites.

This product is **not** for use on crops, timber, or other plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes.

General Weed Control, Trim-and-Edge and Bare Ground

This product may be used in general non-crop areas. It may be applied with any application equipment described in this label. This product may be used to trim-and-edge around objects in non-crop sites, for spot treatment of unwanted vegetation, and to eliminate unwanted weeds growing in established shrub beds or ornamental plantings. This product may be used prior to planting an area to ornamentals, flowers, turfgrass (sod or seed), or prior to laying asphalt or beginning construction projects. This product is **not** for use on plants grown for sale or other commercial use, or for commercial seed production.

Repeated applications of this product may be used as weeds emerge to maintain bare ground.

This product may be tank mixed with the following products. Refer to these products' labels for approved non-crop sites and application rates.

BANVEL

BARRICADE™ 65WG

DIMENSION™ 4 EC

ENDURANCE™
CERTAINTY®
PENDIMETHALIN
PENDULUM™ 3.3 EC
PENDULUM WDG
RONSTAR™ 50WP
SURFLAN™
2,4-D

When applied as a tank mixture for bare ground, [INSERT BRAND NAME] herbicide provides control of the emerged annual weeds and control or partial control of emerged perennial weeds.

Dormant Turfgrass

This product may be used to control or suppress many winter annual weeds and tall fescue for effective release of dormant bermudagrass and bahiagrass turf. Treat only when turf is dormant and prior to spring greenup. This product is **not** for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

Apply 5 to 16 ounces of this product per acre. Apply the labeled rates in 10 to 80 gallons of water per acre. Use only in areas where bermudagrass or bahiagrass are desirable ground covers and where some temporary injury or discoloration can be tolerated.

Treatments in excess of 9 ounces per acre may result in injury or delayed greenup in highly maintained areas, such as golf courses and lawns.

Turfgrass Renovation (Except for Commercial Sod Farms)

This product controls most existing vegetation prior to renovating turfgrass areas. This product is not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes. For maximum control of existing vegetation, delay planting or sodding to determine if any regrowth from escaped underground plant parts occurs. Where repeat treatments are necessary, sufficient regrowth must be attained prior to application. **Do not** use this product for renovation of bermudagrass or kikuyugrass sods. Where existing vegetation is growing under mowed turfgrass management, apply this product after omitting at least one regular mowing to allow sufficient growth for good interception of the spray.

Do not disturb soil or underground plant parts before treatment. Tillage or renovation techniques such as vertical mowing, coring or slicing should be delayed for 7 days after application to allow translocation into underground plant parts.

Desirable turfgrasses may be planted following the above procedures.

Hand-held equipment may be used for spot treatment of unwanted vegetation growing in existing turfgrass.

Do not feed or graze treated turfgrass or feed treated thatch to livestock.

8.2 Parks, Recreational and Residential Areas

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

All of the instructions in the **General Non-Crop Areas and Industrial Sites** section apply to park and recreational areas. This product is not for use around plants being grown for sale or other commercial use.

9.0 WEEDS CONTROLLED

Always use the higher rate of this product per acre within the range when weed growth is heavy or dense or weeds are growing in an undisturbed (noncultivated) area.

Reduced results may occur when treating weeds heavily covered with dust. For weeds that have been mowed, grazed or cut, allow regrowth to occur prior to treatment.

Refer to the following label sections for rates to control annual and perennial weeds. For difficult to control perennial weeds and where plants are growing under stressed conditions, or where infestations are dense, this product may be used at up to 12.25 pounds per acre for enhanced results.

9.1 Annual Weeds

Use 2.25 to 4.5 pounds per acre of this product as a broadcast spray to control annual weeds. When using rates less than 4.5 pounds per acre, the level of fast-burn symptomology may be reduced.

For spray-to-wet applications, apply 1.2 ounces of this product per 1 gallon of spray solution.

WEED SPECIES

Anoda, spurred
 Barley*
 Barnyardgrass*
 Bassia, fivehook
 Bittercress*
 Black nightshade*
 Bluegrass, annual*
 Bluegrass, bulbous*
 Brome, downy*
 Brome, Japanese*
 Browntop panicum*
 Buttercup*
 Carolina foxtail*
 Carolina geranium
 Castor bean
 Cheatgrass*
 Cheeseweed (*Malva parviflora*)
 Chervil*
 Chickweed*
 Cocklebur*
 Copperleaf, hophornbeam
 Corn*
 Corn speedwell*
 Crabgrass*
 Dwarf dandelion*
 Eastern manna grass*
 Eclipta*
 Fall panicum*
 Falsedandelion*
 Falseflax, smallseed*
 Fiddleneck
 Field pennycress*
 Filaree

Fleabane, annual*
 Fleabane, hairy (*Conyza bonariensis*)*
 Fleabane, rough*
 Florida pusley
 Foxtail*
 Goatgrass, jointed*
 Goosegrass
 Grain sorghum (milo)*
 Groundsel, common*
 Hemp sesbania
 Henbit
 Horseweed/Marestail (*Conyza canadensis*)
 Itchgrass*
 Johnsongrass, seedling
 Junglerice
 Knotweed
 Kochia
 Lambsquarters*
 Little barley*
 London rocket*
 Mayweed
 Medusahead*
 Morningglory (*Ipomoea spp.*)
 Mustard, blue*
 Mustard, tansy*
 Mustard, tumble*
 Mustard, wild*
 Oats
 Pigweed*
 Plains/Tickseed coreopsis*
 Prickly lettuce*
 Purslane, common
 Ragweed, common*
 Ragweed, giant
 Red rice
 Russian thistle
 Rye*
 Ryegrass*
 Sandbur, field*
 Shattercane*
 Shepherd's-purse*
 Sicklepod
 Signalgrass, broadleaf*
 Smartweed, ladythumb*
 Smartweed, Pennsylvania*
 Sowthistle, annual
 Spanishneedles
 Speedwell, purslane*
 Sprangletop*
 Spurge, annual
 Spurge, prostrate*
 Spurge, spotted*
 Spurry, umbrella*
 Starthistle, yellow
 Stinkgrass*
 Sunflower*

Teaweed/ Prickly sida
 Texas panicum*
 Velvetleaf
 Virginia copperleaf
 Virginia pepperweed*
 Wheat*
 Wild oats*
 Witchgrass*
 Woolly cupgrass*
 Yellow rocket

* When using field broadcast equipment (boom sprayers using flat-fan nozzles) these species will be controlled or partially controlled. Applications must be made using 10 to 80 gallons of carrier volume per acre. Use nozzles that ensure thorough coverage of foliage and treat when weeds are in an early growth stage.

9.2 Perennial Weeds

Best results are obtained when perennial weeds are treated after they reach the reproductive stage of growth (seedhead initiation in grasses and bud formation in broadleaves). For non-flowering plants, best results are obtained when the plants reach a mature stage of growth. In many situations, treatments are required prior to these growth stages. Under these conditions, use the higher application rate within the range.

Use 4.5 to 9.0 pounds per acre of this product as a broadcast spray to control perennial weeds. When using rates less than 9.0 pounds per acre, the level of fast-burn symptomology may be reduced.

For spray-to-wet applications, apply 1.5 ounces of this product per 1 gallon of spray solution. Ensure thorough coverage when using spray-to-wet treatments using hand-held equipment.

When using hand-held equipment for low-volume directed spot treatments, apply 4.0 to 8.0 ounces of this product per 1 gallon of spray solution.

Allow 7 or more days after application before tillage.

Weed Species

Alfalfa*
 Alligatorweed*
 Anise (fennel)
 Bahiagrass
 Beachgrass, European (*Ammophila arenaria*)
 Bentgrass*
 Bermudagrass*
 Bermudagrass, water (knotgrass)
 Bindweed, field
 Bluegrass, Kentucky
 Blueweed, Texas
 Bromegrass, smooth
 Bursage, woolly-leaf
 Canarygrass, reed
 Cattail
 Clover; red, white*
 Cogongrass
 Dallisgrass
 Dandelion

Dock, curly
 Dogbane, hemp
 Fescue
 Fescue, tall
 German ivy
 Guineagrass
 Horsenettle
 Horseradish
 Iceplant
 Jerusalem artichoke
 Johnsongrass
 Kikuyugrass*
 Knapweed
 Lantana
 Lespedeza
 Milkweed, common
 Muhly, wirestem
 Mullein, common
 Napiergrass
 Nightshade, silverleaf
 Nutsedge; purple, yellow
 Orchardgrass
 Pampasgrass
 Paragrass
 Pepperweed, perennial
 Phragmites*
 Poison hemlock
 Quackgrass
 Redvine*
 Reed, giant
 Ryegrass, perennial
 Spurge, leafy*
 Thistle, artichoke
 Thistle, Canada
 Timothy
 Torpedograss*
 Trumpetcreeper*
 Vaseygrass
 Velvetgrass
 Wheatgrass, western

*Partial control

9.3 Brush Weeds and Tree Seedlings

Best results are obtained when brushweeds are treated when they are in the seedling stage of growth. In many situations, re-treatment is required on larger plants. Under these conditions, use the higher application rate within the range.

Use 9.0 pounds per acre of this product as a broadcast spray to control brush weeds.

For spray-to-wet applications, apply 1.5 ounces of this product per 1 gallon of spray solution. Ensure thorough coverage when using spray-to-wet treatments using hand-held equipment.

When using hand-held equipment for low-volume directed spot treatments, apply 4.0 to 8.0 ounces of this product per 1 gallon of spray solution.

Allow 7 or more days after application before tillage.

Weed Species

Alder
Ash*
Beech*
Birch
Blackberry
Blackgum
Cherry; bitter, black, pin
Dogwood*
Elderberry
Elm*
Honeysuckle
Locust, black*
Maple, red
Maple, sugar
Oak, black*
Oak, northern pin
Oak, post
Oak, red
Oak, scrub*
Oak, southern red
Oak, white*
Peppertree, Brazilian (Florida holly)*
Pine
Poison ivy*
Poison oak*
Poplar, yellow*
Redbud, eastern
Rose, multiflora
Saltcedar*
Sumac; laurel, poison, smooth, sugarbush, winged*
Sweetgum
Vine maple*
Virginia creeper
Waxmyrtle, southern*

* Partial Control

10.0 LIMIT OF WARRANTY AND LIABILITY

Monsanto 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 those Directions under the conditions described therein. NO OTHER EXPRESS WARRANTY OR IMPLIED WARRANTY OF FITNESS FOR PARTICULAR PURPOSE OR MERCHANTABILITY IS MADE. This warranty is also subject to the conditions and limitations stated herein.

To the extent consistent with applicable law, buyer and all users shall promptly notify this Company of any claims whether based in contract, negligence, strict liability, other tort or otherwise.

MASTER LABEL FOR EPA REG. NO. 524-535

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 to the extent consistent with applicable law, 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 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, crop or treated vegetation.

This Company does not warrant any product reformulated or repackaged from this product except in accordance with this Company's stewardship requirements and with express written permission from this Company.

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

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

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CHANGES INCLUDED IN THIS SUBMISSION:

General wording updates for clarity and to remove 'recommended' from rate references per EPA request.

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18
/ 18

Update Storage and Disposal per the Container Containment rule as applicable for a dry product.
Update Maximum Annual Use Rate to be more specific and consistent with other glyphosate containing products.

Added a caution statement to mix only what is needed for 1-day in section 6

Updated Limit of Warranty per EPA white paper.