

**ACCEPTED**

DEC 15 1999

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 19713-364



# Glyphosate 53.8%

Herbicide

For broad-spectrum control of emerged weeds.

**ACTIVE INGREDIENT:**

Isopropylamine salt of glyphosate\* ..... 53.8%

**OTHER INGREDIENTS:** ..... 46.2%

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

\*Contains 648 grams per litre or 5.4 pounds per U.S. gallon of active ingredient glyphosate, in the form of its isopropylamine salt. Equivalent to 480 grams per litre or 4 pounds per U.S. gallon of the acid glyphosate.

**KEEP OUT OF REACH OF CHILDREN**

## CAUTION

See **FIRST AID** Below  
**SHAKE WELL BEFORE USING**

EPA Reg. No. 19713-364  
 EPA Est. No. 19713-MS-1      **Net Contents:** \_\_\_\_\_

**FIRST AID**

**IF IN EYES:** Flush with plenty of water for at least 15 minutes. Call a physician.

**IF ON SKIN:** Flush with plenty of water. Wash clothing before reuse.

**IF INHALED:** Remove individual to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. Get medical attention.

**PRECAUTIONARY STATEMENTS**  
**Hazards to Humans and Domestic Animals**

**CAUTION.** Harmful if inhaled. Avoid breathing spray mist. Remove contaminated clothing and wash clothing before reuse. Wash thoroughly with soap and water after handling.

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

**USER SAFETY RECOMMENDATIONS**

**Users should:** 1) Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. 2) Remove clothing immediately before pesticide gets inside. 3) Then wash thoroughly and put on clean clothing.

**ENVIRONMENTAL HAZARDS**

Do not contaminate water by disposal of waste or cleaning of equipment. In case of spill or leak, soak up and remove to a landfill.

**PHYSICAL OR CHEMICAL HAZARDS**

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

**DO NOT MIX, STORE OR APPLY THIS PRODUCT OR SPRAY SOLUTION IN GALVANIZED STEEL OR UNLINED STEEL (EXCEPT STAINLESS STEEL) CONTAINERS OR SPRAY TANKS.** Glyphosate 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.

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

GLYPHOSATE 53.8% is a water soluble liquid, mixes readily with water and non-ionic surfactant to be applied as a foliage spray for the control or destruction of most herbaceous plants. It may be applied through most standard industrial or field type sprayers after dilution and through mixing with water and surfactant in accordance with label instructions. 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 weeds may not occur for 7 days or more. Extremely cool or cloudy weather following treatment may slow the activity of this product and delay visual effects of control. Visible effects are a gradual wilting and yellowing of the plant which advances to complete browning of above ground growth and deterioration of underground plant parts.

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

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

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

Reduced control may result when applications are made to any weed or brush species that have been mowed, grazed or cut and have not been allowed to regrow to the recommended stage of treatment. Rainfall or irrigation occurring within 8 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 the "PRECAUTIONARY STATEMENTS" and all other information appearing on the labels of all herbicides use.

Buyer and users are responsible for all loss or damage in connection with the use 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 lesser wind velocities, will allow spray drift to occur. When spraying avoid combinations of pressure and nozzle type that will result in splatter or fine particles (mist) which are likely to drift. **AVOID APPLYING AT EXCESSIVE SPEED OR PRESSURE.**

Manufactured By:  
**Drexel Chemical Company**  
 P.O. BOX 13327, MEMPHIS, TN 38113-0327  
**SINCE 1972**

**Note:** Use of this product in a 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.

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

**DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

**AQUATIC SITES**

When applied as directed under conditions described, this product plus non-ionic surfactant will control emerged Annual weeds and control or partially control emerged Perennial weeds, Woody brush and Trees listed in this label. This product does not control plants which are either completely submerged or have a majority of their foliage under water. See the "WEEDS CONTROLLED" section of this label for rates and degree of control provided.

This product may be used in and around aquatic sites, including all bodies of fresh and brackish water, which may be flowing, non-flowing or transient. This includes lakes, rivers, streams, ponds, seeps, irrigation and drainage ditches, canals, reservoirs and similar sites. There is no restriction on the use of 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 1/2 mile upstream of potable water intake in flowing water (i.e., river, stream, etc.) or within 1/2 mile of a potable water intake in a standing body of water such as a lake, pond or reservoir.

Do not apply this product on rice levees when flood water is present. Do not apply in estuaries.

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

When using this product in aquatic sites where water is present, add 1 to 2 quarts of an agriculturally approved surfactant per 100 gallons of spray solution (.25 to .50 percent surfactant by total spray volume). The following surfactants are approved for use with this product in aquatic sites: Agri-Dex™, Induce™, Liqua-wet™, Ortho™ X-77, Passage™, R-11™, Spreader Sticker™, Super Spread™ 200 and Widespread™.

When using this product in sites where water is not present (dry ditches, ditchbanks, dry canals), use 1 to 2 quarts of non-ionic surfactant per 100 gallons of spray solution (.25 to .50 percent surfactant by total spray volume).

Floating mats of vegetation may require re-treatment. Avoid washoff of sprayed foliage by spray boat or recreation boat backwash or by rainfall with six (6) hours of application. Do not re-treat 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 the water. When making any bankside 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 1/2 pints per acre must not be exceeded in any single application.

When emerged 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.

**MIXING AND APPLICATION INSTRUCTIONS**

APPLY THESE SPRAY SOLUTIONS IN PROPERLY MAINTAINED AND CALIBRATED EQUIPMENT CAPABLE OF DELIVERING DESIRED VOLUMES. HAND GUN APPLICATIONS SHOULD BE PROPERLY DIRECTED TO AVOID SPRAYING DESIRABLE PLANTS.

**Note:** Reduced results may occur if water containing soil is used, such as water from ponds and unlined ditches.

**MIXING**

This product mixes readily with water. Mix spray solutions of this product as follows: Fill the 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 bypass and return lines at the bottom of the tank and if needed use an approved anti-foam or defoaming agent.

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

THE USE OF A NON-IONIC SURFACTANT, APPROVED FOR THE SITE OF THE DESIRED APPLICATION IS REQUIRED FOR USE WITH THIS

PRODUCT. Use .25 to .50 percent surfactant by total spray volume. Carefully observe all "PRECAUTIONARY STATEMENTS" and other information appearing on the surfactant label.

**APPLICATION EQUIPMENT AND TECHNIQUES**

**AERIAL EQUIPMENT:** DO NOT APPLY THIS PRODUCT BY AIR IN CA.

Use recommended rates of this product and surfactant in 3 to 20 gallons of water per acre as a broadcast spray. 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 USE 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.

Drift control additives may be used. When a drift control additive is used, read and carefully observe the "PRECAUTIONARY 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 gears, 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-38413 may prevent corrosion.

**BOOM EQUIPMENT:** For control of weed or brush species listed on this label using conventional boom equipment—Use the recommended rates of this product and surfactant in 3 to 20 gallons of water per acre as a broadcast spray. See the "WEEDS CONTROLLED" section of this label for specific rates. As density of weeds increases, spray volume should be increased within the recommended range to 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.

**HAND-HELD and HIGH-VOLUME EQUIPMENT:** Use coarse spray only. For control of weeds listed on this label using knapsack sprayers or high volume spraying equipment utilizing handguns or other suitable nozzle arrangements—Prepare a .25 to 1.5 percent solution of this product in water, add surfactant and apply to foliage of vegetation to be controlled. For specific rates of application and instructions for control of various Annual and Perennial weeds, see the "WEEDS CONTROLLED" section of this label.

Applications should be made on a spray-to-wet basis. Spray coverage should be uniform and complete. Do not spray to point of runoff. Prepare the desired volume of spray solution by mixing the amount of this product in water, shown in the following table:

Spray Solution				
Desired Volume	Amount of This Product			
	.25%	1%	1.25%	1.50%
1 gal.	1 fl. oz.	1 1/4 fl. ozs.	1 3/4 fl. ozs.	2 fl. ozs.
25 gals.	1 1/2 pts.	1 qt.	1 1/4 qts.	1 1/2 qts.
100 gals.	3 qts.	1 gal.	1 1/4 gals.	1 1/2 gals.
2 lbsps. = 1 fl. oz.				

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

**WEEDS CONTROLLED**

**ANNUAL WEEDS:** Apply to actively growing Annual grasses and Broadleaf weeds. Allow at least 3 days after application before disturbing treated vegetation. After this period the weeds may be mowed, tilled or burned. See "DIRECTIONS FOR USE", "GENERAL INFORMATION" and "MIXING AND APPLICATION INSTRUCTIONS" for labeled uses and specific application instructions.

**Broadcast Application—**Use 1 1/2 pints of this product per acre plus .25 to .50 percent surfactant by total spray volume if weeds are less than 6 inches tall. If weeds are greater than 6 inches, use 2 1/2 pints of this product per acre plus .25 to .50 percent surfactant by total spray volume.

**Hand-Held High-Volume Application—**Use a .75 percent solution of this product in water plus .25 to .50 percent surfactant by total spray volume and apply to foliage of vegetation to be controlled.

When applied as directed under the conditions described in this label, this product plus non-ionic surfactant will control the following Annual weeds:

Annual Weeds Controlled	
Barley <i>Hordeum vulgare</i>	Panicum <i>Panicum</i> spp.
Bluegrass (annual)	Pennycress (field)
<i>Poa Annua</i>	<i>Thlaspi arvense</i>
Brome (downy)	Pigweed, Redroot
<i>Bromus tectorum</i>	<i>Amaranthus retroflexus</i>
Cocklebur	Pigweed (smooth)
<i>Xanthium pensylvanicum</i>	<i>Amaranthus hybridus</i>
Corn (volunteer)	Ragweed (common)
<i>Zea mays</i>	<i>Ambrosia artemisiifolia</i>
Crabgrass	Ragweed (giant)
<i>Digitaria</i> spp.	<i>Ambrosia trifida</i>
Falseflax (smallseed)	Rye
<i>Camelina microcarpa</i>	<i>Secale cereale</i>
Fiddleneck	Ryegrass (Italian)*
<i>Amsinckia</i> spp.	<i>Lolium multiflorum</i>
Fleabane	Sandbur (field)
<i>Erigeron</i> spp.	<i>Cenchrus</i> spp.
Foxtail	Shattercane
<i>Setaria</i> spp.	<i>Sorghum bicolor</i>
Kochia	Smartweed (Pennsylvania)
<i>Kochia scoparia</i>	<i>Polygonum pensylvanicum</i>
Lambsquarters (common)	Spanishneedles*
<i>Chenopodium album</i>	<i>Bidens bipinnata</i>
Lettuce (prickly)	Sunflower
<i>Lactuca scariola</i>	<i>Helianthus annuus</i>
Mustard (tansy)	Thistle (Russian)
<i>Descurainia pinnata</i>	<i>Salsola kali</i>
Oats (wild)	Velvetleaf
<i>Avena fatua</i>	<i>Abutilon theophrasti</i>

\*Apply 3 pints of this product per acre.

Annual weeds will generally continue to germinate from seed throughout the growing season. Repeat treatment will be necessary to control later germinating weeds.

**PERENNIAL WEEDS**

Apply this product as follows to control or destroy most vigorously growing perennial weeds. Unless otherwise directed, allow at least 7 days after application before disturbing vegetation.

Add .25 to .50 percent non-ionic surfactant by total spray volume to the rates of this product given in this list. See the "GENERAL INFORMATION", "DIRECTIONS FOR USE" and "MIXING AND APPLICATION" sections of this label for specific uses and application instructions. Note: If weeds have been mowed or tilled, do not treat until regrowth has reached the recommended stages. Fall treatments must be applied before a killing frost.

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

When applied as recommended under the conditions described, this product plus surfactant will control the following Perennial weeds:

Perennial Weeds Controlled	
Alfalfa	Cutgrass (giant)*
<i>Medicago sativa</i>	<i>Zizaniopsis miliacea</i>
Alligatorweed*	Dallisgrass
<i>Ageratum philoxeroides</i>	<i>Paspalum dilatatum</i>
American lotus	Dandelion
<i>Nelumbo lutea</i> (Use in TX Only)	<i>Taraxacum officinale</i>
Artichoke (Jerusalem)	Dock (curly)
<i>Helianthus tuberosus</i>	<i>Rumex crispus</i>
Bahiagrass	Dogbane (hemp)
<i>Paspalum notatum</i>	<i>Apocynum cannabinum</i>
Bermudagrass	Fescues
<i>Cynodon dactylon</i>	<i>Festuca</i> spp.
Bindweed (field)	Guineagrass
<i>Convolvulus arvensis</i>	<i>Panicum maximum</i>
Bluegrass (Kentucky)	Horsenettle
<i>Poa</i> spp.	<i>Solanum carolinense</i>
Brackenfern	Horseradish
<i>Pteridium aquilinum</i>	<i>Armoracia rusticana</i>
Bromegrass (smooth)	Johnsongrass
<i>Bromus inermis</i>	<i>Sorghum halepense</i>
Cattail	Kikuyugrass
<i>Typha</i> spp.	<i>Pennisetum clandestinum</i>
Clover (red)	Knapweed
<i>Trifolium pratense</i>	<i>Centaurea repens</i>
Clover (White)	Lantana
<i>Trifolium repens</i>	<i>Lantana camara</i>

\*Partial control  
\*\*Partial control in Southeastern states. See specific recommendation.

(Continued)

Perennial Weeds Controlled (Continued)	
Milkweed	Reed canarygrass
<i>Asclepias</i> spp.	<i>PPhalaris arundinacea</i>
Muhly (wirestem)	Ryegrass (perennial)
<i>Muhlenbergia frondosa</i>	<i>Lolium perenne</i>
Mullein (common)	Smartweed (swamp)
<i>Verbascum thapsus</i>	<i>Polygonum cocineum</i>
Napiergrass	Spatardock
<i>Pennisetum purpureum</i>	<i>Nuphar luteum</i>
Nightshade (silverleaf)	Texas blueweed
<i>Solanum elaeagnifolium</i>	<i>Helianthus ciliaris</i>
Nutsedge (purple, yellow)	Thistle (Canada)
<i>Cyperus rotundus</i>	<i>Cirsium arvense</i>
<i>Cyperus esculentus</i>	Timothy
Orchardgrass	<i>Phleum pratense</i>
<i>Dactylis glomerata</i>	Torpedograss*
Paragrass	<i>Panicum repens</i>
<i>Brachiaria mutica</i>	Vaseygrass
Phragmites**	<i>Paspalum urvillei</i>
<i>Phragmites</i> spp.	Waterhyacinth
Quackgrass	<i>Eichornia crassipes</i>
<i>Elytrigia repens</i>	Wheatgrass (Western)
	<i>Agropyron smithii</i>

\*Partial control  
\*\*Partial control in Southeastern states. See specific recommendation.

Weed Species	Rate (Pts. per Acre)	Hand-Held % Solution
Alligatorweed	6	1.25
	SPECIFIC DIRECTIONS: Partial control. Apply when most of the target plants are in bloom. Repeat applications will be required to maintain such control.	
American lotus (For use in TX Only)	4	1
	SPECIFIC DIRECTIONS: 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.	
Bermudagrass	7½	1.5
	SPECIFIC DIRECTIONS: Apply when target plants are actively growing and when seed heads appear.	
Brackenfern	4½ to 6	.75 to 1.0
	SPECIFIC DIRECTIONS: Apply to fully expanded fronds which are at least 18 inches long.	
Bromegrass (smooth), Johnsongrass, Reed canarygrass, Ryegrass, Timothy, Wheatgrass (Western)	3 to 4½	.75
	SPECIFIC DIRECTIONS: Apply when target plants are actively growing and most have reached the boot-to-head stage of growth. When applied prior to the boot stage, less desirable control may be obtained. Allow Johnsongrass to reach at least 18 inches average height. In the Fall, apply before plants have turned brown.	
Canada thistle	3 to 4½	1.50
	SPECIFIC DIRECTIONS: Apply when target plants are actively growing and are at or beyond the bud stage of growth. Allow 3 or more days after application before tillage.	
Cattail	4½ to 6	.75
	SPECIFIC DIRECTIONS: 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.	
Cutgrass (giant)	6	1.0
	SPECIFIC DIRECTIONS: Partial control. Repeat applications will be required to maintain such control, especially where vegetation is partly submerged in water. Allow for substantial regrowth to the 7- to 10-leaf stage prior to retreatment.	

Weed Species	Rate (Pts. per Acre)	Hand-Held % Solution
Field bindweed, Silverleaf nightshade, Texas blueweed	6 to 7½ (West of the Mississippi River) 4½ to 6 (East of the Mississippi River)	1.5
	SPECIFIC DIRECTIONS: 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.	
Guineagrass	4½	.75
	SPECIFIC DIRECTIONS: Apply when target plants are actively growing and when most have reached at least the 7-leaf stage of growth.	
Hemp dogbane, Horseradish, Knapweed	6	1.5
	SPECIFIC DIRECTIONS: Apply when target plants are actively growing and most have reached the late bud-to-flower stage of growth. For best results, apply in late Summer or Fall.	
Kikuyugrass, Quackgrass, Wirestem muhly	3 to 4½	.75
	SPECIFIC DIRECTIONS: Apply when most Quackgrass or Wirestem muhly is at least 8 inches in height (3- to 4-leaf stage of growth) and actively growing. Allow 3 or more days after application before tillage.	
Lantana	--	.75 to 1.0
	SPECIFIC DIRECTIONS: 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.	
Maidencane, Paragrass	6	.75
	SPECIFIC DIRECTIONS: Repeat treatments will be required, especially to vegetation partially submerged in water. Under these conditions, allow for regrowth to the seven-to-ten stage prior to re-treatment.	
Milkweed (common)	4½	1.5
	SPECIFIC DIRECTIONS: Apply when target plants are actively growing and most have reached the late bud-to-flower stage of growth.	
Nutsedge (purple, yellow)	4½	.75
	SPECIFIC DIRECTIONS: Controls existing Nutsedge 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 be controlled and may germinate following treatment. Repeat treatments will be required for long-term control.	
Phragmites	7½ (AL, FL, GA, LA, MS, SC, TX) 6 (All other states)	1.5 (AL, FL, GA, LA, MS, SC, TX) .75 (All other states)
	SPECIFIC DIRECTIONS: Provides partial control of Phragmites. Apply when most of the target plants are in full bloom or during the Fall months. Repeat treatments will be required to maintain control.	
Spatterdock	6	.75
	SPECIFIC DIRECTIONS: Apply when most plants are in full bloom. For best results, apply during the Summer or Fall months.	
Torpedograss	6 to 7½	.75 to 1.5
	SPECIFIC DIRECTIONS: Provides partial control. 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.	

Weed Species	Rate (Pts. per Acre)	Hand-Held % Solution
Waterhyacinth	5 to 6	1.0
	COMMENTS: 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.	
Other Perennials listed on this label	4½ to 7½	.75 to 1.0
	COMMENTS: Apply when target plants are actively growing and most have reached early head or early bud stage of growth.	

**WOODY BRUSH AND TREES**

Apply this product as follows to control actively growing Woody brush and trees listed below. Unless otherwise specified, allow at least 7 days after application before disturbing treated vegetation. Add .25 to .50 percent surfactant by total spray volume to the rates of this product given in this list. See the "GENERAL INFORMATION", "DIRECTIONS FOR USE" and "MIXING AND APPLICATION" sections of this label for specific uses and application instructions. When applied as recommended under the conditions described, this product plus surfactant controls the following Woody brush plants and trees:

Alder <i>Alnus</i> spp.	Multiflora rose <i>Rosa multiflora</i>
Berries* <i>Rubus</i> spp.	Oak***
Elderberry <i>Sambucus</i> spp.	<i>Quercus</i> spp.
Honeysuckle <i>Lonicera</i> spp.	Poison Ivy <i>Toxicodendron radicans</i>
Kudzu <i>Pueraria lobata</i>	Poison Oak <i>Toxicodendron pubescens</i>
Maple** <i>Acer</i> spp.	Trumpet creeper <i>Campsis radicans</i>
	Willow <i>Salix</i> spp.

\*Includes Blackberry, Dewberry and Raspberry.  
\*\*Includes Red maple and Sugar Maple.  
\*\*\*Includes Northern pin oak, Red oak and White oak.

Apply this product when plants are vigorously 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. Ensure thorough coverage when using hand-held equipment. Symptoms may not appear prior to frost or senescence with Fall treatments. 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 fall has occurred.

Apply this product as follows to control the following listed plants and trees:

Weed Species	Rate (Pts. per Acre)	Hand-Held % Solution
Alder, Berries, Elderberry, Honeysuckle	4½ to 6	.75 to 1.0
Kudzu	6	1.5
Maples, Oaks	--	.75 to 1.0
	COMMENTS: Apply when at least 50% of the new leaves are fully developed. Use the higher rate for large mature trees.	
Multiflora rose	3	.75
	COMMENTS: Treatments should be made prior to leaf deterioration by leaf-feeding insects.	
Poison ivy, Poison oak	6 to 7	.75
	COMMENTS: Treatments must be applied before leaves lose green color. Repeat applications may be required to maintain control.	
Trumpet creeper	3 to 4½	.75 to 1.0
Willow	--	.75

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### STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** STORE ABOVE 10°F (-12°C) TO KEEP 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 INSTRUCTIONS:** 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.

**CONTAINER DISPOSAL:** Emptied container retains vapor and product residue. Observe all labeled safeguards until container is destroyed.

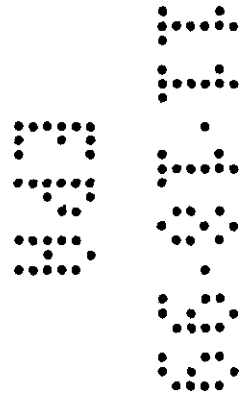
*Do not reuse container, destroy when empty.*

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.

### WARRANTY—CONDITION OF SALE

OUR RECOMMENDATIONS FOR USE of this product are based upon tests believed reliable. Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the Seller. Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith.

In no case shall the Manufacturer or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product when such use and/or handling is not in strict accordance with directions given herewith. The foregoing is a condition of sale by the Seller and is accepted as such by the Buyer.



**HISTORY PAGE (Glyphosate 53.8% – 364SP):**

9-1-99 — Made minor changes to label as stated by EPA letter dated November 3, 1998 (• 364SP-0999). (JLK)

9-19-99 — Made format changes throughout to match current standards • 364SP-0999(b).

