

Reg no: 524-441

PM-25

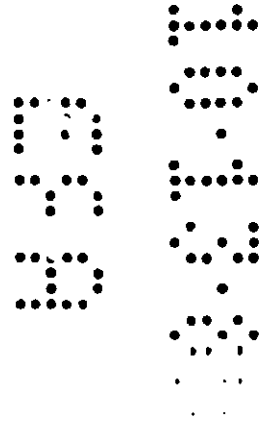
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WATER SOLUBLE BAG

ACCEPTED
 DEC 22 1971
 U.S. Environmental Protection Agency
 Federal Insecticide, Fungicide, and Rodenticide Act
 EPA Reg. No. 524-441

MON 14420-WSB
 Keep out of reach of children.
DANGER!
 ACTIVE INGREDIENT:
 Glyphosate, N-(phosphonomethyl)glycine
 in the form of the monoammonium salt..... 74.7%
 INERT INGREDIENTS..... 25.3%
 100.0%

NET 1.5 OZS
 MONSANTO COMPANY
 ST. LOUIS, MISSOURI 63167 887.35-000.02



FOIL BAG - FRONT

MON 14420-WSB

HERBICIDE BY

Monsanto

WATER SOLUBLE GRANULE PREMEASURED IN WATER SOLUBLE BAG

A nonselective postemergent herbicide for control of annual and perennial grasses and broadleaf weeds, brush, trees and vines in:

- *Nurseries
- *Ornamental Plant Beds
- *Municipalities
- *Ground Cover
- *Similar Noncropland Areas
- *Ornamental Trees
- *Golf Courses
- *Parks/Schools
- *Residential Areas
- *Ornamental Shrubs
- *Greenhouse/Shadehouse
- *Turf Renovation
- *Commercial Areas

Carefully follow detailed instructions in label booklet

Keep out of reach of children.

DANGER!

(Read precautions on bag back)

Read the entire label before using this product.

Use only according to label instructions.

Read "LIMIT OF WARRANTY AND LIABILITY", which appears in the label booklet, before buying or using. If terms are not acceptable, return at once unopened.

REFORMULATION OR REPACKAGING IS PROHIBITED.

ACTIVE INGREDIENT:

Glyphosate, N-(phosphonomethyl)glycine
in the form of the

monoammonium salt 74.7%

INERT INGREDIENTS: 25.3%

100.0%

Product protected by U.S. Pat. Nos. 3,799,758 and 4,405,531. Other patents pending. No license granted under any gov. U.S. patent.

EPA Reg. No. 524-XXX

NET 7.5 OZS. (FIVE 1.5 OZ UNITS)

EPA Est. XXX-XX-XX

897.35-000.03

PLACE PAMPHLET HERE

BEST AVAILABLE COPY

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

DANGER!
CAUSES EYE BURNS.
HARMFUL IF SWALLOWED.

Do not get in eyes, on skin or on clothing.

Wear goggles or a face shield, chemical resistant gloves and long sleeve shirt, long legged pants in mowing and when adjusting, repairing or cleaning equipment.

Wash thoroughly with soap and water after handling.

FIRST AID: IF IN EYES. Immediately flush with plenty of water for at least 15 minutes. Get medical attention. Remove material from skin and clothing.

IF SWALLOWED, drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol. Get medical attention.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

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

Environmental Hazards

Do not apply directly to water or wetland (swamps, bogs, marshes or pastures). Do not contaminate water when disposing of equipment washwaters.

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 tents 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.

Storage and Disposal

Do not contaminate water, food or feed by storage or disposal.

STORAGE: Keep the outer bag TIGHTLY sealed to prevent moisture from damaging any unlined water soluble bags.

DISPOSAL: Wastes resulting from the use of this product that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticide disposal or in accordance with applicable Federal, state or local procedures.

Completely use water soluble pesticides in application equipment. Then dispose of empty bag and outer bag in a sanitary landfill, or by incineration, or as directed by state or local authorities, by burning, if allowed, stay out of smoke.

(See label booklet for Complete Directions for Use)

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



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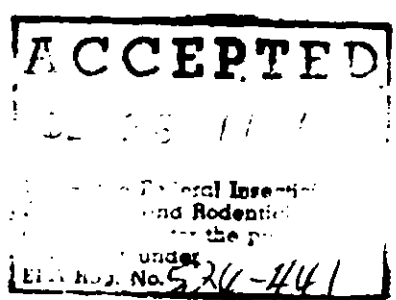
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MON-14420-WSB
Herbicide by Monsanto
WATER SOLUBLE GRANULE
PREMEASURED IN WATER SOLUBLE BAG

A nonselective postemergent herbicide for control of annual and perennial grasses and broadleaf weeds, brush, trees and vines in:

- * Nurseries
- * Ornamental Trees
- * Ornamental Shrubs
- * Ornamental Plant Beds
- * Golf Courses
- * Greenhouses/Shadehouses
- * Municipalities
- * Parks/Schools
- * Turf Renovation
- * Ground Covers
- * Residential Areas
- * Commercial Areas
- * Similar Noncropland Areas

EPA Reg. No. 524-



Complete Directions for Use

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

1989-1

897.35-200.01/53

MONSANTO COMPANY 1989

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

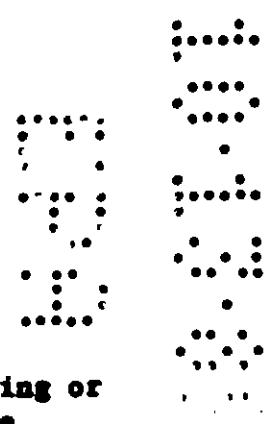
Read the entire label before using this product.
Use only according to label instructions.

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

REFORMULATION IS PROHIBITED. SEE CONTAINER LABEL FOR REPACKAGING LIMITATIONS.

MON-14420-WSB

5/16/89



LIMIT OF WARRANTY AND LIABILITY

This 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 herein. 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.

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 or to 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.

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 OF 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.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

KEEP OUT OF REACH OF CHILDREN.

DANGER!

CAUSES EYE BURNS.

HARMFUL IF SWALLOWED.

Do not get in eyes, on skin or on clothing.

Wear goggles or face shield, chemical resistant gloves and long sleeve shirt, long legged pants in mixing and when adjusting, repairing or cleaning equipment.

Wash thoroughly with soap and water after handling.

FIRST AID: IF IN EYES, immediately flush with plenty of water for at least 15 minutes. Get medical attention. Remove material from skin and clothing.

IF SWALLOWED, this product will cause gastrointestinal tract irritation. Drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol. Get medical attention.

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

ENVIRONMENTAL HAZARDS

Do not apply directly to water or wetland (swamps, bogs, marshes or potholes). Do not contaminate water when disposing of equipment washwaters.

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:

Glyphosate, N-(phosphonomethyl)glycine, in the form of the monoammonium salt.....	74.7%
INERT INGREDIENTS:.....	25.3%

	100.0%

Product protected by
U.S. Pat. No. 3,799,758 and
U.S. Pat. No. 4,405,531.
Other patents are pending.

No license granted under any non-U.S. patent.

©MONSANTO COMPANY 1989

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

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

DIRECTIONS FOR USE

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

Storage and Disposal

Do not contaminate water, food, or feed by storage or disposal.

STORAGE:

Keep the outer bag **TIGHTLY** sealed to prevent moisture from damaging any unused water soluble bag.

DISPOSAL:

Wastes resulting from the use of this product that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticide disposal or in accordance with applicable Federal, state or local procedures.

Completely use water soluble pouches in application equipment. Then dispose of empty box and outer box in a sanitary landfill, or by incineration, or, if allowed by state or local authorities, by burning. If burned, stay out of smoke.

GENERAL INFORMATION

This product, a water soluble granule, mixes readily with water to be applied as a foliar spray for the control or destruction of actively growing undesirable grasses, broadleaf weeds, brush, trees, vines and herbaceous plants. It may be applied through most standard broadcast equipment and through high volume and hand-held sprayers after dilution and thorough mixing with water 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 with burndown usually occurring in 2 to 4 weeks. Extremely cool or cloudy weather following treatment may slow down 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 aboveground growth and deterioration of underground plant parts.

USE INSTRUCTIONS AND PRECAUTIONS

THIS PRODUCT CAN INJURE OR DESTROY ALL VEGETATION CONTACTED. AVOID SPRAY DRIFT CONTACT WITH DESIRABLE TURFGRASSES, FLOWERS, TREES, SHRUBS OR OTHER DESIRABLE VEGETATION. DO NOT APPLY TO GREEN BARK OR BARE ROOTS OF DESIRABLE TREES, SHRUBS OR PLANTS. OVER-THE-TOP APPLICATIONS OF THIS PRODUCT CAN INJURE OR DESTROY ALL VEGETATION CONTACTED. IF DESIRABLE VEGETATION IS CONTACTED, WASH IMMEDIATELY WITH WATER.

Do not allow the herbicide solution to mist, drip, drift, or splash onto desirable vegetation since minute quantities of this herbicide can cause severe damage or destruction to the crop, plants, or other areas on which treatment was not intended. The likelihood of injury occurring from the use of this product 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.**

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

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

- * Rainfall or irrigation in treated areas within 6 hours after application may reduce effectiveness of this product. Heavy rainfall or irrigation within 2 hours after application may wash this product off the foliage and a repeat treatment may be necessary.
- * Applications of this product to undesirable vegetation that has been recently mowed, cut, tilled, sliced, cored or mechanically disturbed may result in reduced performance. Allow adequate regrowth of the foliage to ensure good spray coverage. See the "When to Apply" section for more information.
- * This product does not provide residual weed control. For residual weed control, follow an approved herbicide program. Read and carefully observe 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 with herbicides 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.
- * Keep people and pets off treated area until foliage has dried.

APPLICATION RATES AND METHODS

USE RATES IN LOW VOLUME BROADCAST APPLICATION EQUIPMENT

(Spray volume LESS than 50 GPA or 1 gallon per 1000 sq. ft.)

**MON-14420-WSB
PREMEASURED IN WATER SOLUBLE BAG**

	<u>BAGS</u>	<u>SQ. FT.</u>
ANNUALS	1	4000
PERENNIALS	1	1000
WOODY BRUSH, TREES AND VINES	1	1000

**USE RATES FOR HIGH VOLUME AND HAND-HELD (SPRAY-TO-WET*)
APPLICATION EQUIPMENT**

(Spray volumes GREATER than 50 GPA or 1 gallon per 1000 sq. ft.)

**MON-14420-WSB
PREMEASURED IN WATER SOLUBLE BAG**

	<u>BAGS</u>	<u>NUMBER OF GALLONS</u>
ANNUALS		
* Spray-to-Wet	1	2
PERENNIALS, WOODY BRUSH TREES AND VINES		
* Spray-to-Wet	1	1

* Spray-to-wet applications include high volume broadcast and directed applications where spray coverage is uniform and complete, but does not run off the plant foliage.

Surfactants

Nonionic surfactants which are labeled for use with herbicides may be used. Do not reduce rates of this herbicide when adding surfactant. When adding additional surfactant use 0.5 percent surfactant concentration (2 quarts per 100 gallons of spray solution or ½ ounce per gallon of spray solution) when using surfactants which contain at least 50 percent active ingredient or a 1 percent surfactant concentration (4 quarts per 100 gallons of spray solution or 1 ounce per 1 gallon of spray solution) for those surfactants containing less than 50 percent active ingredient. Read and carefully observe surfactant cautionary statements and other information appearing on the surfactant label.

When To Apply

Apply to foliage of actively growing plants for best results. Apply to annual grasses and broadleaf weeds any time after emergence. For best results, apply to perennial grasses and broadleaf weeds after seedheads, flowers or berries appear. On woody brush, trees and vines, apply after leaves have fully expanded. Best results are achieved on most woody plants when applications are made in summer or fall. For best results in arid areas, apply to woody brush in the spring when flowers appear and plants have a high moisture content. Apply before fall leaf colors appear or a killing frost. Applications that are not made at the recommended stage of growth may result in reduced control.

Delay mowing, clipping, tilling, planting, or sodding of treated areas for at least 3 to 7 days after application. This allows time for this product to move throughout the undesirable vegetation and kill roots and other belowground parts that may give rise to new plants. This product does not provide soil residual activity and it will not harm newly planted grasses and desirable vegetation. It will not control new grasses or weeds emerging from seed or rootstock.

One application should control most listed grasses and broadleaf weeds. Symptoms on certain tough perennials and woody brush and tree species may be slow to develop. If control is not achieved within 4 weeks, allow time for the sprayed vegetation to regrow to the recommended stage and make a repeat application. In some cases, control of woody brush and trees treated in the fall may not be fully apparent until the following season.

Ensure uniform and complete spray coverage. Do not spray plants to the point that the spray solution runs off the foliage. Coarse sprays are less likely to drift; therefore, use nozzles and/or equipment which does not dispense spray as a fine mist.

Dormant Bermudagrass and Bahiagrass Turfgrass Applications

APPLY THIS PRODUCT, AS RECOMMENDED FOR THIS USE, ONLY WHEN BERMUDAGRASS AND BAHIAGRASS ARE COMPLETELY DORMANT. APPLICATION TO SEMIDORMANT TURF MAY RESULT IN STAND REDUCTION AND/OR DELAYED GREENUP. AVOID SPRAY OVERLAP AND DO NOT EXCEED THE RECOMMENDED RATES.

When applied as directed, this product will provide control or suppression of listed winter annual weeds and tall fescue in dormant bermudagrass and bahiagrass turf. Ensure even distribution of the spray solution in the dormant turf, but avoid overlap of the spray and overapplication of the spray solution to the point of runoff to prevent turfgrass injury or stand reduction.

Turfgrass Renovation Applications

Best results are obtained when at least one mowing is skipped prior to treatment. This provides more leaf surface to intercept the spray. Ensure that the spray covers all existing vegetation. For best results, delay cultural practices including aeration, recontouring, reseeding or sodding of treated areas for a least 3 to 7 days after application to allow movement of this product throughout the foliage and roots.

Site Preparation/Postdirected Applications

Ornamental plants, trees, and shrubs may be planted in treated areas within 3 to 7 days after application. Apply this product as a postdirected spray to control undesirable vegetation growing around established ornamentals, trees and shrubs. Avoid contact with desirable plants. Avoid injury to desirable plants by preventing spray or drift contact with foliage, stems, green bark or bare roots. Do not spray into or over the top of desirable plants, trees or shrubs.

Greenhouses and Shadehouses

This product will control listed grasses and broadleaf weeds found in greenhouses and shadehouses. Removal of desirable vegetation during application is suggested to avoid injury. Air circulation fans must be turned off during application.

DESIRABLE PLANTS WILL BE INJURED IF CONTACTED BY SPRAY OR DRIFT OF THIS PRODUCT. DO NOT SPRAY THIS PRODUCT AROUND PLANTS GROWING IN MEDIUMS LOW IN ORGANIC MATTER OR CLAY, SINCE SUCH MEDIUMS MAY ALLOW LEACHING AND ROOT UPTAKE OF THIS PRODUCT BY DESIRABLE PLANTS.

TANK MIXTURES

READ AND CAREFULLY OBSERVE THE LABEL CLAIMS, CAUTIONARY STATEMENTS, RECOMMENDED USE RATES AND ALL OTHER INFORMATION ON THE LABELS OF ALL PRODUCTS USED IN THESE TANK MIXTURES. USE ACCORDING TO THE MOST RESTRICTIVE LABEL DIRECTIONS FOR EACH PRODUCT IN THE MIXTURE.

When applied according to label directions, a tank mixture of this product and a residual herbicide provides both postemergent and preemergent control of annual grasses and broadleaf weeds or partial control of perennial grasses and broadleaf weeds listed on the respective labels for the individual herbicides. Use the label recommended rates for this product and the residual herbicide for best results.

DO NOT allow tank mixtures to stand overnight. Prepare only sufficient quantities of spray mixture that can be applied the same day as preparation of the mixture.

A compatibility test (see "Compatibility Test" section) is recommended prior to tank-mixing of this product with other herbicides such as:

MON-14420-WSB plus Ronstar*

MON-14420-WSB plus Surflan*

*Ronstar is a trademark of Rhone Poulenc

*Surflan is a trademark of Elanco Company

COMPATIBILITY TEST

Before mixing this product with other herbicides, it is advisable to test compatibility by mixing all the components in a small jar in proportionate quantities.

Amount of Herbicide
Added to Spray Carrier
(Assuming Volume is 50 GPA)

Herbicide Formulation	IF:	Rate Per 1000 sq. ft. or Per Gallon	Add:	Level Teaspoons per Pint Jar
MON-14420-WSB		1 Bag		1 3/4
Dry		1 oz		1
Liquid		1 oz		1

This compatibility test is designed for 50 gallons of spray solution per acre and herbicide use rates of 1 oz. per 1000 sq. ft. For changes in spray volume or herbicide rate, make appropriate changes in the ingredients for the test. Shake well after mixing.

If herbicide(s) does not ball-up, form flakes, sludge, gels, oily films or layers, then the tested components should be compatible. Incompatibility in any of the above described forms usually will occur within 5 minutes after mixing.

If components are incompatible, the use of a compatibility agent is recommended. Run the above compatibility test again with a suitable compatibility agent (1/2 teaspoon is equivalent to 2 pints per 100 gallons of spray solution).

Mixing Instructions

MON-14420-WSB Alone:

Fill the spray tank to three-fourths of the desired volume. Add the recommended amount of this product. Complete the filling process while maintaining agitation. Remove the hose from the mixing tank immediately after filling to avoid siphoning back into the water source.

Tank Mixtures:

For best results, predetermine the compatibility of this product and the tank mixture components by mixing small proportional quantities in advance. See the "Compatibility Test" section of this label.

Mix this product with water as follows:

1. Place a 20 to 35 mesh screen or wetting basket over the filling port.
2. Fill the sprayer one-half full with the appropriate carrier. Start agitation and continue during mixing and spraying operations.
3. Add a compatibility agent if needed. Read and follow all information found on the product label for the selected compatibility agent. Check for adequate agitation.
4. Remove the screen prior to adding this product to the spray tank. Mixing of dry flowable and wettable powder formulations may be enhanced by pre-slurrying with water and adding slowly through the screen into the tank. Continue agitation. Next, add additional formulations in the following order: flowables, emulsifiable concentrates, water soluble liquids, and drift control additives.
5. Continue filling the tank. Maintain good agitation at all times until contents of the tank are sprayed. If the spray mixture is allowed to settle, thorough agitation may be required to resuspend the mixture before spraying is resumed. Do not let spray mixture stand overnight.

APPLICATION EQUIPMENT AND CALIBRATION

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

Application equipment must be calibrated for best results. Application should be uniform and of sufficient volume to avoid streaking or skips. Avoid excessive overlap of the spray.

Cleaning Equipment

Triple-rinse spray tank and flush all sprayer components with water to remove residues of this product. After thorough cleaning, equipment may be used to apply other products.

WEEDS CONTROLLED

When applied as directed under the conditions described in this label, this product **WILL CONTROL**, or **PARTIALLY CONTROL** the following **ANNUALS**, **PERENNIALS**, **TREES**, **BRUSH** AND **VINES**.

ANNUALS

	Mustard, black Brassica nigra
Balsamapple Momordica charantia	Mustard, blue Chorispora tenella
Barley, little Hordeum pusillum	Mustard, tansy Descurainia pinnata
Barley, wild Hordeum leporinum	
Barnyardgrass Echinochloa crus-galli	Mustard, tumble Sisymbrium altissimum
Bassia, fivehook Bassia hyssopifolia	Mustard, wild Sinapis arvensis
Bedstraw, catchweed Galium aparine	
Bluegrass, annual Poa annua	Oats, wild Avena fatua
Bluegrass, bulbous Poa bulbosa	Panicum Panicum spp.
Brome Bromus spp.	Pennycress, field Thlaspi arvense
Buttercup Ranunculus spp.	Pigweed, redroot Amaranthus retroflexus
Cheat Bromus secalinus	Pigweed, smooth Amaranthus hybridus
Chervil Chaerophyllum taatarieri	
Chickweed, jagged Holosteum umbellatum	Ragweed, common Ambrosia artemisiifolia

Chickweed, mouseear <i>Cerastium vulgatum</i>	Ragweed, giant <i>Ambrosia trifida</i>
Clover, crimson <i>Trifolium incarnatum</i>	
Clover, large hop <i>Trifolium campestre</i>	
Cocklebur <i>Xanthium strumarium</i>	Rocket, London <i>Sisymbrium irio</i>
Crabgrass <i>Digitaria</i> spp.	Ryegrass, Italian <i>Lolium multiflorum</i>
Dwarf dandelion <i>Krigia cespitosa</i>	Sandbur, field <i>Cenchrus</i> spp.
Falseflax, smallseed <i>Camelina microcarpa</i>	
Fiddleneck <i>Amsinckia</i> spp.	Shepherdspurse <i>Capsella bursa-pastoris</i>
Flaxleaf fleabane <i>Conyza bonariensis</i>	Signalgrass, broadleaf <i>Brachiaria platphylla</i>
Fleabane <i>Erigeron</i> spp.	Smartweed, Pennsylvania <i>Polygonum pennsylvanicum</i>
Foxtail <i>Setaria</i> spp.	Sowthistle, annual <i>Sonchus oleraceus</i>
Foxtail, Carolina <i>Alopecurus carolinianus</i>	Spanishneedles <i>Bidens bipinnata</i>
Geranium, Carolina <i>Geranium carolinianum</i>	Speedwell, corn <i>Veronica arvensis</i>
Groundsel, common <i>Senecio vulgaris</i>	Stinkgrass <i>Eragrostis cilianensis</i>
Henbit <i>Lamium amplexicaule</i>	
Horseweed/Marestail <i>Conyza canadensis</i>	
Kochia <i>Kochia scoparia</i>	Thistle, Russian <i>Salsola kali</i>
Lambsquarters, common <i>Chenopodium album</i>	Velvetleaf <i>Abutilon theophrasti</i>

Lettuce, prickly
Lactuca serriola

Morningglory
Ipomoea spp.

Witchgrass
Panicum capillare

PERENNIALS

Alfalfa*
Medicago sativa

Milkweed
Asclepias spp.

Bahiagrass
Paspalum notatum

Muhly, wirestem
Muhlenbergia frondosa

Bermudagrass*
Cynodon dactylon

Mullein, common
Verbascum thapsus

Blueweed, Texas*
Helianthus ciliaris

Napiagrass
Pennisetum purpureum

Bindweed, field*
Convolvulus arvensis

Nightshade, silverleaf*
Solanum elaeagnifolium

Bluegrass, Kentucky
Poa spp.

Nutsedge, purple, yellow
Cyperus rotundus
Cyperus esculentus

Brackenfern*
Pteridium aquilinum

Orchardgrass
Dactylis glomerata

Bromegrass, smooth
Bromus inermis

Pampasgrass
Cortaderia jubata

Broomsedge
Andropogon spp.

Quackgrass
Agropyron repens

Reed, giant
Arundo donax

Clover, red
Trifolium pratense

Ryegrass, perennial
Lolium perenne

Clover, white
Trifolium repens

Dallisgrass
Paspalum dilatatum

Texas Blueweed*
Helianthus ciliaris

Dandelion
Taraxacum officinale

Dock, curly
Rumex crispus

Dogbane, hemp*
Apocynum cannabinum

Fine Fescues
Festuca spp.

Fescue, tall
Festuca arundinacea

Guineagrass
Panicum maximum

Horsenettle*
Solanum carolinense

Johnsongrass
Sorghum halepense

Kikuyugrass
Pennisetum
clandestinum

Knapweed*
Centaurea repens

Thistle, Canada
Cirsium arvense

Timothy
Phleum pratense

Vaseygrass
Paspalum urvillei

Wheatgrass, western
Agropyron smithii

* Repeat applications may be needed for control.

WOODY BRUSH, TREES AND VINES

Alder
Alnus spp.

Ash
Fraxinus spp.

Aspen, quaking
Populus tremuloides

Bearmat (Bearclover)
Chamaebatia foliolosa

Beech
Fagus grandifolia

Birch
Betula spp.

Blackberry
Rubus spp.

Broom:

French
Cytisus monspessulanus

Scotch
Cytisus scoparius

Buckwheat, California
Eriogonum fasciculatum

Cascara
Rhamnus purshiana

Catsclaw
Acacia greggi

Ceanothus
Ceanothus spp.

Chamise
Adenostoma fasciculatum

Coyote brush
Baccharis consanguinea

Creeper, Virginia
Parthenocissus quinquefolia

Dewberry
Rubus trivialis

Elderberry
Sambucus spp

Elm
Ulmus spp

Eucalyptus (bluegum)*
Eucalyptus glotulus

Hasardia
Haplopappus squamosus

Hawthorn
Crataegus spp

Hazel
Corylus spp

Holly, Florida*
(Brazilian Peppertree)
Schinus terebinthifolius

Honeysuckle
Lonicera spp

Kudzu*
Pueraria lobata

Locust, black
Robinia pseudoacacia

Maple*
Acer spp.

Monkey Flower
Mimulus guttatus

Oak
Quercus spp.

Persimmon
Diospyros spp.

Poison Ivy
Rhus radicans

Poison Oak
Rhus toxicodendron

Poplar, yellow
Liriodendron tulipifera

Prunus
Prunus spp.

Raspberry
Rubus spp.

Rose, multiflora
Rosa multiflora

Sage, black
Salvia mellifera

Sagebrush, California
Artemisia californica

Salmonberry
Rubus spectabilis

Saltbush, Sea myrtle
Baccharis halimifolia

Sassafras
Sassafras albidum

Sourwood
Oxydendrum arboreum

Sumac
Rhus spp.

Sweet Gum
Liquidambar styraciflua

Swordfern
Polystichum sunitum

Tallowtree, Chinese*
Sapium sebiferum

Thicbleberry
Rubus parviflorus

Tobacco, tree
Nicotiana glauca

Trumpet creeper
Campsis radicans

Waxmyrtle, southern*
Myrica cerifera

Willow
Salix spp

* Repeat applications may be needed for control.

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

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