

Contains 43.68% Glyphosate
With Weed Preventer

# TOTAL VEGETATION CONTROL

# KILLS WEEDS AND PREVENTS WEEDS UP TO 1 YEAR

- Use on Fencerows and around Farm Buildings and Barns
- Do not apply in root zone of desirable trees, plants & shrubs
- Treats 43,243 square feet
- Use on non-crop areas:

Roadsides, Curbs, Sidewalks, Driveways, Parking Areas, Brick Walks, Gravel Paths, Vacant Lots, Warehouse Areas, Agricultural Uncultivated Areas, Farm Yards, Farm Premises, and For Establishment and Maintenance Of Wildlife Openings

KEEP OUT OF REACH OF CHILDREN **DANGER - PELIGRO** 

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

#### ACID EQUIVALENT:

#### EPA Reg. No. 84009-3

EPA Est. No. 084840-LA-001

See Inside Booklet for Complete Precautionary Statements, First Aid, Directions for Use and Storage and Disposal.

RM43™ is a trademark of Tangi•Pac, L.L.C. The red jug with white cap is trade dress of Tangi•Pac, L.L.C.

Manufactured For:

Ragan and Massey, Inc. 101 Ponchatoula Parkway Ponchatoula, LA 70454 (800) 264-5281 info@raganandmassey.com



NET CONTENTS: 2.5 GAL / 320 FL OZ / 9.46 L



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#### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS DANGER - PELIGRO

Corrosive. Causes irreversible eye damage. Harmful if swallowed. Harmful if absorbed through skin. Do not get in eyes or on clothing. Avoid contact with skin.

FIRST AID		
IF IN EYES:	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 doctor for treatment advice.	
IF SWALLOWED:	<ul> <li>Call a poison control center or doctor immediately for treatment advice.</li> <li>Have person sip a glass of water if able to swallow.</li> <li>Do not induce vomiting unless told to by a poison control center or doctor.</li> <li>Do not give anything to an unconscious person.</li> </ul>	
IF ON SKIN OR CLOTHING:	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.	

#### HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For emergency information concerning this product, call the National Pesticides Information Center (NPIC) at 1-800-858-7378 seven days a week, 6:30 am to 4:30 pm Pacific Time or your poison control center at 1-800-222-1222.

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

#### **ENVIRONMENTAL HAZARDS**

This product is toxic to plants. Drift and run-off may be hazardous to plants in water adjacent to treated areas. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate. See Directions for Use for additional precautions and requirements.

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#### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are barrier laminate, butyl rubber  $\geq$  14 mils, nitrile rubber  $\geq$  14 mils, neoprene rubber  $\geq$  14 mils, natural rubber  $\geq$  14 mils, polyethylene, polyvinyl chloride  $\geq$  14 mils and viton  $\geq$  14 mils.

#### Mixers, loaders, applicators, and other handlers must wear:

- Protective eyewear (goggles, face shield, or safety glasses)
- · Long-sleeved shirt and long pants,
- · Shoes plus socks,
- · Chemical-resistant gloves for all mixers and loaders, plus applicators using handheld equipment

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. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

#### USER SAFETY RECOMMENDATIONS

#### Users should:

- · Wash hands with plenty of soap and water before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE 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.

#### DIRECTIONS FOR USE

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

Read the entire label before using this product. Use strictly in accordance with label precautionary statements and directions.

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 regulation.

Do not enter or allow others to enter treated areas until sprays have dried.

Do not use on feed or food crops.

Keep people and pets out of the area during application.

Applicators are required to use a nozzle height below 4 feet above the ground or plant canopy and coarse or coarser droplet size (ASABE 5572) or, if specifically using a spinning atomizer nozzle, applicators are required to use a volume mean diameter (VMD) of 385 microns or greater. Applications with wind speeds greater than 10 mph are prohibited. Applications into temperature inversions are prohibited.

#### WHERE TO USE

Use on non-crops areas: Industrial sites, Petroleum tank farms, Lumberyards, Manufacturing Sites, Storage Areas, Airports, Roadsides, Curbs, Sidewalks, Driveways, Parking areas, Brick walks, Gravel Paths, Patios, Vacant lots, Paved areas (including crack and crevice), Warehouse areas, Urban areas, Recreational areas, Play areas, Tennis courts, Fencerows, Along fences of paddocks, corrals, feedlots, and livestock holding areas, Hedgerows, Dry Ditchbanks, Around domestic dwellings, Around farm buildings and barns, Agricultural uncultivated areas, Shelter beds, Farm yards, Farm premises, Outdoor buildings, structures, and shelters such as beef barns, hog barns, dairy barns, stables, dog kennels and poultry houses, and for establishment and maintenance of wildlife openings

Only apply to locations where no vegetation growth is desired for up to one year.

#### WHEN TO USE

Apply to bare ground or when weeds are present. If weeds are taller than 6 inches, mow or cut down weeds and remove debris before treatment, and allow for 2 weeks of new growth. If woody vines or brush is mowed or cut, wait until full leaf formation before treatment

To prevent growth of weeds under asphalt driveways, play areas, tennis courts and parking areas, apply this product before laying surfacing materials.

Treat area uniformly to maximize results.

Re-treatment every 6 to 8 months may be necessary in areas of heavy rainfall.

#### RESTRICTIONS

- Do not apply to or allow product to drift onto desirable plants.
- · Only apply to areas where no vegetation is desired for one year.
- · Do not apply near bodies of water including, fish pools, ponds, lakes or streams.
- Do not apply over the root systems of desirable plants. For trees and shrubs do not apply closer than twice the distance from the trunk to the drip line as roots may be within this area.
- Do not apply to slopes in landscape as movement on soil surfaces may damage desirable plants down slope.
- Do not apply next to a fence if desirable vegetation is growing on the other side, or if future planting is intended.
- Do not use before planting lawns, fruits, vegetables, flowers, or other plants because this product remains active in soil for up to one year.
- · Do not use on desirable lawns or turf.
- Do not apply when wind speeds are greater than 10 mph.
- Do not apply to powdery, dry or light sandy soils when the soil may be blown by wind. If necessary, soil surface should be settled by rain or irrigation.

#### **HOW TO APPLY**

Apply on a sunny day with temperatures above 60°F. Avoid product runoff to nearby desirable plants. In soils with heavy clay, weed control may exceed one year.

#### Total Vegetation Control (Bareground)

Use hand operated spray equipment such as backpack sprayers, pump-up sprayers or sprinkling cans, or ATV/Tractor mounted sprayers. Mix 7.4 fl. oz. (0.46 pints) of this product with water to produce 1 to 10 gallons of spray solution. Optimum performance will be achieved from applications to actively growing weeds in early summer.

Uniformly spray the mix over area where total vegetation control and bareground is desired. 7.4 fl. oz. of product within 1 to 10 gallons of spray solution should be applied to 1,000 square feet.

Maximum application rate of this product is 2.5 gallons per acre per year (7.4 fl. oz. per 1,000 sq. ft. per year).

#### Spot Control of Brush, Vines, and Weeds

Use hand operated spray equipment such as backpack sprayers, pump-up sprayers or sprinkling cans, or ATV/Tractor mounted sprayers. Mix 6 fl. oz. of this product per 1 gallon of spray solution. Thoroughly and uniformly spray foliage of woody plants to wet. For optimum performance:

- · Apply to actively growing brush, vines and weeds.
- $\bullet \ \ Woody \ brush \ and \ vines \ are \ controlled \ better \ in \ late \ summer \ and \ fall \ after \ fruit \ formation.$
- If woody vines and brush are moved or cut, wait until full leaf formation before treatment.
- Do not cut or mow brush, vines or perennial weeds for 2 months following treatment.

Maximum application rate of this product is 2.5 gallons per acre per year (7.4 fl. oz. per 1,000 sg. ft. per year).

#### GRASS/NUTSEDGE WEED SPECIES CONTROLLED

#### Bahiagrass

Paspalum notatum

#### Bentarass

Agrostis spp.

#### Bermudagrass

Cynodon dactylon

#### Bluegrass, Kentucky Poa spp.

Brome

Bromus spp.

# Bromegrass, smooth Bromus inermis

Canarygrass, reed

#### Phalaris arundinacea

Cattail Typha spp.

#### Cogongrass Muhly, wirestem

Imperata cylindrical

Paspalum dilatatum

Festuca arundinacea

Panicum maximum

Sorghum halepense

Paspalum distichum

Pennisetum clandestinum

Dallisgrass

Festuca spp.

Fescue, tall

Guineagrass

Johnsongrass

Kikuvuqrass

Knotgrass

Fescues

Muhlenbergia frondonsa

#### Napier grass

Pennisetum purpureum

#### Nutsedge: purple, vellow

Cyperus rotundus
Cyperus esculentus

# Orchardgrass Dactylis glomerata

Pampas grass

# Cortaderia spp. Panicum

Panicum spp.

#### Para grass

Brachiaria mutica

# Phragmites\* Phragmites spp.

Quackgrass

Reed, giant

Agropyron repens

Arundo donax

Rvegrass, perennial

# Lolium perenne Timothy

Phleum pratense

# Torpedograss\* Panicum repens

Vaseygrass Paspalum urvillei

#### Velvetgrass Holcus spp.

Wheatgrass, western Agropyron smithii

<sup>\*</sup> Partial Control

#### BROADLEAF WEED SPECIES CONTROLLED

Alfalfa

Medicago sativa

Alligatorweed\*

philoxeroides

Anise (fennel) Foeniculum vulgare

Artichoke, Jerusalem Helianthus tuberosus

Bassia, fivehook

Bassia hyssopifolia

Bindweed, field

Convolvulus arvensis
Blueweed, Texas

Helianthus ciliaris

Bracken fern
Pteridium aquilinum

Bursage, woollyleaf

Clover, red
Trifolium pretense

Clover, white
Trifolium repens

\* Partial Control

Dandelion

Taraxacum officinale

Dock, curly Rumex crispus

Dogbane, hemp

Apocynum cannabinum

Fiddleneck

Amsinckia spp.

Fleabane

Erigeron spp.
Fleabane, hairy

Conyza bonariensis
Horsenettle

Solanum carolinense

Horseradish Armoracia rusticana

Ice plant
Mesembryanthemum
crystallinum

Knapweed Centaurea repens

Kochia Kochia scoparia Lantana

Lantana camara

Lespedeza spp.

Lettuce, prickly

Lactuca serriola

Milkweed

Asclepias spp.

Mullein, common

Verbascum thapsus

Nightshade, silverleaf

Solanum elaeagnifolium

Poison hemlock

Ragweed, common Ambrosia artemisiifolia

Ragweed, giant

Smartweed, Pennsylvania Polygonum pensylvanicum

Smartweed, swamp Polygonum coccineum Sonchus oleraceus

Spurge, leafy\* Euphorbia esula

Starthistle, yellow
Centaurea solstitalis

Sunflower
Helianthus annuus

Thistle, artichoke
Cvnara cardunculus

Thistle, Canada Cirsium arvense

**Thistle, Russian** Salsola kali

**Velvetleaf** Abutilon theophrasti

#### TREE, BRUSH AND VINE SPECIES CONTROLLED

Alder

Alnus spp.

Fraxinum spp.

Aspen, quaking Populus tremuloides

Balsam apple\* Momordica charantia

Bearmat (Bearclover)

Chamaehatia foliolosa

Beech

Fagus grandifolia

Birch

Betula spp.

Blackberry Rubus spp.

Blackgum

Nyssa spp. Bracken

Peridium spp.

Broom: French

Cytisus monspessulanus

Scotch

Cytisus scoparius

Buckwheat, California\* Erioaonum fasciculatum

Cascara\*

Rhamnus purshiana

Catsclaw\* Acacia areaai

Ceanothus\*

Ceanothus spp.

Chamise

Adenostoma fasciculatum

Cherry: Ritter

Prunus emarainata

Black

Prunus serotina Pin

Prunus pensylvanica

Covote brush

Baccharis consanauinea

Creeper, Virginia\*

Parthenocissus quinquefolia

Dewberry Rubus trivialis

Dogwood\*

Cornus spp. Elderberry

Sambucus spp.

Elm\* Ulmus spp.

Eucalyptus Eucalyptus spp.

Gorse

Ulex europaeus Hasardia\*

Haplopappus sauamosus

Hawthorn Crataegus spp.

Hazel

Corvlus spp.

Hickory\* Carya spp.

Holly, Florida/Brazilian Peppertree\*

Schinus terebinthifolius

Honevsuckle Lonicera spp.

Hornbean, American\* Carpinus caroliniana

Kudzu

Pueraria lobata

Locust, black\* Robinia pseudoacacia

Madrone Arutus menziesii

Manzanita

Arctostaphylos spp.

Maple:

Red\* Acer rubrum

Sugar

Acer saccharum

Acer circinatum

Monkey Flower\* Mimulus guttatus

Oak: Black\*

Quercus velutina

Northern Pin Ouercus palustris

Post

Ouercus stellata Red

Quercus rubra

Southern Red Quercus falcate

White\* Ouercus alba

Persimmon\* Diospyros spp.

Pine Pinus spp.

Poison Ivv Rhus radicans

Poison Oak

Rhus toxicodendron Poplar, Yellow\*

Liriodendron tulipifera Raspberry

Rubus spp.

Redbud, eastern Cercis canadensis

Redvine\* Brunnichia ovate

Rose, multiflora Rosa multiflora

Russian Olive\*\*

Elaeagnus angustifolia

Sage: black, white Salvia spp.

Sagebrush, California Artemisia californica

Salmonberry Rubus spectabilis

Salt Cedar Tamarixs spp.

Sassafras Sassafras aibidum

Sourwood Oxvdendrum arboreum

Sweet potato, wild\*

Ipomoea pandurata Sumac:

Poison\* Rhus vernix Smooth\*

Rhus glabra Winged\* Rhus copallina

Sweetgum Liquidambar styraciflua

Swordfern\* Polystichum munitum

Tallowtree, Chinese Sanium sehiferum

Tan Oak Lithocarpus densiflorus

Thimbleberry Rubus parviflorus Tobacco, tree\*

Nicotiana alauca Trumpetcreeper\*

Campsis radicans

Waxmvrtle, southern\* Myrica cerifera

Willow Salix spp.

<sup>\*</sup>Partial Control

<sup>\*\*</sup>This product is not registered in California for use on Russian olive

#### STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store product in original container in a safe place and protect from freezing.

PESTICIDE DISPOSAL: Pesticide wastes may be acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

#### CONTAINER DISPOSAL:

#### Nonrefillable containers smaller than 5 gallons:

Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ 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. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

#### Nonrefillable containers larger than 5 gallons:

Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. If recycling or reconditioning is not available, puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke. 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 ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

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

#### CONDITION OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials or other influencing factors in the use of the product, which are beyond the control of Ragan and Massey, Inc. or Seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Ragan and Massey, Inc. and Seller harmless for any claims relating to such factors.

Ragan and Massey, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or Ragan and Massey, Inc., and Buyer and User assume the risk of any such use. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, RAGAN AND MASSEY, INC. MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

To the extent consistent with applicable law, neither Ragan and Massey, Inc. nor Seller shall be liable for any incidental, consequential or special damages resulting from the use or handling of this product. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF RAGAN AND MASSEY, INC. AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF RAGAN AND MASSEY, INC. OR SELLER, THE REPLACEMENT OF THE PRODUCT.

Ragan and Massey, Inc. and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of Ragan and Massey, Inc.

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GROUP 2 9 HERBICIDES

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