

GROUP 2 9 HERBICIDES

Contains 43.68% Glyphosate Vith 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 8,648 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 the label, find someone to explain it to you in detail.)

NET CONTENTS: 1/2 GAL / 64 FL 0Z / 1.89 L

#### ACTIVE INGREDIENTS:

### ACID EQUIVALENT:

\* Glyphosate..................3.158 lbs./gal \*\*Imazapyr.................0.062 lbs./gal

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.

Manufactured For:

Ragan and Massey, Inc.
101 Ponchatoula Pkwv., Ponchatoula, LA 70454

(800) 264-5281, info@raganandmassey.com

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.

### RM43™ TOTAL VEGETATION CONTROL



### DANGER - PELIGRO

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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:	Call a poison control center or doctor immediately for treatment advice.     Have person sip a glass of water if able to swallow.     Do not induce vomiting unless told to by a poison control center or doctor.     Do not give anything to an unconscious person.			
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 layage.

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#### 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.

#### 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 witno  $\geq 14$  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 SAFFTY 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 SS72) or, if specifically using a spinning atomizer nozzle, applicators are required to use a volume mean diameter (YMD) 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, Dy 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 wild-life 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.
- $\bullet \ \ Do \ not \ apply \ near \ bodies \ of \ water \ including, \ fish \ pools, \ ponds, \ lakes \ or \ streams.$
- 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.
- $\bullet \ \ Do \ not \ apply \ to \ slopes \ in \ landscape \ as \ movement \ on \ soil \ surfaces \ may \ damage \ desirable \ plants \ down \ slope.$
- 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.
- · Woody brush and vines are controlled better in late summer and fall after fruit formation.
- · If woody vines and brush are mowed 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).

#### **Weeds Controlled**

#### GRASS/NUTSEDGE WEED SPECIES CONTROLLED

Bahiagrass	Canarygrass, reed	Guineagrass	Napier grass
Paspalum notatum	Phalaris arundinacea	Panicum maximum	Pennisetum purpureum
Bentgrass Agrostis spp.	Cattail	Johnsongrass	Nutsedge; purple,
	<i>Typha</i> spp.	Sorghum halepense	yellow
Bermudagrass	Cogongrass	Kikuyugrass	Cyperus rotundus
Cynodon dactylon	Imperata cylindrical	Pennisetum	Cyperus esculentus
Bluegrass, Kentucky Poa spp.	Dallisgrass Paspalum dilatatum	clandestinum  Knotgrass  Paspalum distichum  Muhly, wirestem  Muhlenbergia  frondonsa	Orchardgrass Dactylis glomerata
Brome Bromus spp.	Fescues Festuca spp.		Pampas grass Cortaderia spp.
Bromegrass, smooth Bromus inermis	Fescue, tall Festuca arundinacea		Panicum Panicum spp.

\* Partial Control

(continued)

#### GRASS/NUTSEDGE WEED SPECIES CONTROLLED (continued)

Para grass Rrachiaria mutica Phragmites\* Phragmites spp.

\* Partial Control

Quackgrass Aaropyron repens

Reed, giant Arundo donax Ryegrass, perennial Lolium perenne

Timothy Phleum pratense

Torpedograss\* Panicum repens

Vaseygrass Paspalum urvillei Velvetgrass

Holcus spp. Wheatgrass, western

Aaropyron smithii

#### BROADLEAF WEED SPECIES CONTROLLED

Alfalfa

Medicaao sativa

Alligatorweed\* Alternanthera

philoxeroides Anise (fennel)

Foeniculum vulgare

Artichoke, Jerusalem Helianthus tuberosus Bassia, fivehook

Bassia hyssopifolia Rindweed, field

Convolvulus arvensis Blueweed, Texas

Helianthus ciliaris Bracken fern

Pteridium aquilinum Bursage, woollvleaf Franseria tomentosa

Clover, red Trifolium pretense

\* Partial Control

Clover, white Trifolium repens

Dandelion Taraxacum officinale

Dock, curly Rumex crispus

Dogbane, hemp Apocynum cannabinum

Fiddleneck Amsinckia spp. Fleahane

Eriaeron spp. Fleabane, hairy Convza bonariensis

Horsenettle Solanum carolinense

Horseradish Armoracia rusticana Ice plant Mesembryanthemum

crvstallinum

Knapweed Centaurea renens Kochia

Kochia scoparia Lantana

l antana camara Lespedeza Lespedeza spp.

Lettuce, prickly Lactuca serriola Milkweed

Asclepias spp. Mullein, common Verbascum thapsus

Nightshade, silverleaf Solanum elaeaanifolium

Poison hemlock Conium maculatum Ragweed, common

Ambrosia artemisiifolia Ragweed, giant

Ambrosia trifida

Smartweed. Pennsylvania Polygonum pensylvanicum

Smartweed, swamp Polygonum coccineum

Sowthistle, annual Sonchus oleraceus Spurge, leafy\*

Euphorbia esula Starthistle, vellow

Centaurea solstitalis Sunflower Helianthus annuus

Thistle, artichoke Cynara cardunculus

Thistle, Canada Circium arvense Thistle, Russian

Salsola kali Velvetleaf

Abutilon theophrasti

#### TREE RRIIGH AND VINE SPECIES CONTROLLED

	I KEE, BRUSH AND VIN	E SPECIES CONTROLLED	
Alder Alnus spp. Ash Fraxinum spp.	Catsclaw* Acacia greggi Ceanothus* Ceanothus spp.	Hasardia* Haplopappus squamosus Hawthorn	Monkey Flower* Mimulus guttatus  Oak: Black*
Aspen, quaking Populus tremuloides Balsam apple* Momordica charantia	Chamise  Adenostoma fasciculatum Cherry:	Crataegus spp.  Hazel Corylus spp.  Hickory*	Quercus velutina Northern Pin Quercus palustris Post
Bearmat (Bearclover) Chamaebatia foliolosa Beech Fagus grandifolia Birch	Bitter Prunus emarginata Black Prunus serotina Pin	Carya spp.  Holly, Florida/ Brazilian Peppertree* Schinus terebinthifolius	Quercus stellata Red Quercus rubra Southern Red
Betula spp.  Blackberry  Rubus spp.  Blackgum	Prunus pensylvanica Coyote brush Baccharis consanguinea	Honeysuckle Lonicera spp. Hornbean, American* Carpinus caroliniana	Quercus falcate White* Quercus alba Persimmon*
Nyssa spp.  Bracken Peridium spp.  Broom:	Creeper, Virginia*  Parthenocissus quinquefolia  Dewberry	Kudzu Pueraria lobata Locust, black* Robinia pseudoacacia	Diospyros spp.  Pine Pinus spp.  Poison Ivy
French Cytisus monspes- sulanus Scotch	Rubus trivialis  Dogwood*  Cornus spp.  Elderberry	Madrone Arutus menziesii Manzanita Arctostaphylos spp.	Rhus radicans  Poison Oak  Rhus toxicodendron  Poplar, Yellow*
Cytisus scoparius  Buckwheat,  California*  Eriogonum  fasciculatum	Sambucus spp.  Elm*  Ulmus spp.  Eucalyptus  Eucalyptus spp.	Maple: Red* Acer rubrum Sugar Acer saccharum	Liriodendron tulipifera Raspberry Rubus spp. Redbud, eastern Cercis canadensis

Gorse

Ulex europaeus

Cascara\*

Rhamnus purshiana

Vine Acer circinatum

<sup>\*</sup>Partial Control \*\*This product is not registered in California for use on Russian olive (continued)

#### TREE, BRUSH AND VINE SPECIES CONTROLLED (continued)

Redvine* Brunnichia ovate	Sassafras Sassafras aibidum	Sweetgum Liquidambar	Tobacco, tree* Nicotiana glauca
Rose, multiflora Rosa multiflora	Sourwood Oxydendrum arboreum	styraciflua Swordfern*	Trumpetcreeper* Campsis radicans
Russian Olive** Elaeagnus angustifolia	Sweet potato, wild* Ipomoea pandurata	Polystichum munitum Tallowtree, Chinese	Waxmyrtle, southern* Myrica cerifera
Sage: black, white	Sumac:	Sapium sebiferum	Willow
Salvia spp.	Poison*  Rhus verniy	Tan Oak Lithocarpus densiflorus	Salix spp.

Thimbleberry

Rubus parviflorus

Rubus spectabilis Winged\*
Salt Cedar Rhus copallina

Tamarixs spp.

\*Partial Control

Salmonberry

Artemisia californica

#### STORAGE AND DISPOSAL

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

Smooth\* Rhus glabra

**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:

Nonrefilable container. Do not reuse or refilf 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 late 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 Fourned, stay out of smoke.

(continued)

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

#### STORAGE AND DISPOSAL (continued)

#### Nonrefillable containers larger than 5 gallons:

Nonrefilable container. Do not reuse or refil this container. Offer for recycling if available. If recycling or reconditioning is not available, puncture and dispose of in a sanitary landill, 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 empty-ing. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container of \$4full with water. Replace and righten closures. If jorontainer on its died 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. Empty the rinsate into application equipment or am ix tank nor 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 mixtank 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 fif 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 Selfer 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 INTESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR MIPLED WARRANTIES OF MERCHANTABILITY OR OF

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, NEGLEGNEC, FORT, 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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