

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

December 1, 2015

Michael Kellogg Agent Ragan and Massey, Inc. c/o Pyxis Regulatory Consulting, Inc. 4110 136th St. NW Gig Harbor, WA 98332

Subject: Notification per PRN 98-10 – Adding trademark reference

Product Name: RM43 Total Vegetation Control

EPA Registration Number: 84009-3 Application Date: November 5, 2015

Decision Number: 511423

Dear Mr. Kellogg:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped "Notification" and will be placed in our records. Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

If you have any questions, you may contact Shanta Adeeb at 703-347-0502 or via email at adeeb.shanta@epa.gov.

Sincerely,

Reuben Baris, Product Manager 25

Herbicide Branch

Shanta Aded

Registration Division (7505P) Office of Pesticide Programs GROUP 2 9 HERBICIDES

RM43™ Total Vegetation Control

[Contains 43.68% Glyphosate] [With Weed Preventer]

ACTIVE INGREDIENTS:

Glyphosate, isopropylamine salt*	43.68%
Imazapyr, isopropylamine salt**	0.78%
OTHER INGREDIENTS:	55.54%
TOTAL:	
ACID EQUIVALENT:	
*Glyphosate	3.158 lbs./gal
**Imazapyr	0.062 lbs./gal

DANGER - PELIGRO

Si usted no entiende la etiqueta, busque a 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.)

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 lavage.

EPA Reg. No. 84009-3 EPA Est. No.

Manufactured For:

Ragan & Massey, Inc. 101 Ponchatoula Parkway Ponchatoula, LA 70454 NOTIFICATION

84009-3

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

12/01/2015

Net Contents:

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.

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.

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.

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 S572) 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.
- 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 sq. ft. per year).

Weeds Controlled

GRASS/NUTSEDGE WEI	ED SPECIES CONTROLLE	D	
Bahiagrass	Cogongrass	Muhly, wirestem	Quackgrass
Paspalum notatum	Imperata cylindrical	Muhlenbergia frondonsa	Agropyron repens
Bentgrass	Dallisgrass	Napier grass	Reed, giant
Agrostis spp.	Paspalum dilatatum	Pennisetum purpureum	Arundo donax
Bermudagrass	Fescues	Nutsedge; purple, yellow	Ryegrass, perennial
Cynodon dactylon	Festuca spp.	Cyperus rotundus	Lolium perenne
		Cyperus esculentus	
Bluegrass, Kentucky	Fescue, tall	Orchardgrass	Timothy
Poa spp.	Festuca arundinacea	Dactylis glomerata	Phleum pratense
Brome	Guineagrass	Pampas grass	Torpedograss*
Bromus spp.	Panicum maximum	Cortaderia spp.	Panicum repens
Bromegrass, smooth	Johnsongrass	Panicum	Vaseygrass
Bromus inermis	Sorghum halepense	Panicum spp.	Paspalum urvillei
Canarygrass, reed	Kikuyugrass	Para grass	Velvetgrass
Phalaris arundinacea	Pennisetum	Brachiaria mutica	Holcus spp.
	clandestinum		
Cattail	Knotgrass	Phragmites*	Wheatgrass, western
<i>Typha</i> spp.	Paspalum distichum	Phragmites spp.	Agropyron smithii

^{*}Partial Contol

BROADLEAF WEED SPECIES CONTROLLED		
Alfalfa	Fiddleneck	Poison hemlock
Medicago sativa	Amsinckia spp.	Conium maculatum
Alligatorweed*	Fleabane	Ragweed, common
Alternanthera philoxeroides	Erigeron spp.	Ambrosia artemisiifolia
Anise (fennel)	Fleabane, hairy	Ragweed, giant
Foeniculum vulgare	Conyza bonariensis	Ambrosia trifida
Artichoke, Jerusalem	Horsenettle	Smartweed, Pennsylvania
Helianthus tuberosus	Solanum carolinense	Polygonum pensylvanicum
Bassia, fivehook	Horseradish	Smartweed, swamp
Bassia hyssopifolia	Armoracia rusticana	Polygonum coccineum
Bindweed, field	Ice plant	Sowthistle, annual
Convolvulus arvensis	Mesembryanthemum crystallinum	Sonchus oleraceus
Blueweed, Texas	Knapweed	Spurge, leafy*
Helianthus ciliaris	Centaurea repens	Euphorbia esula
Bracken fern	Kochia	Starthistle, yellow
Pteridium aquilinum	Kochia scoparia	Centaurea solstitalis
Bursage, woollyleaf	Lantana	Sunflower
Franseria tomentosa	Lantana camara	Helianthus annuus
Clover, red	Lespedeza	Thistle, artichoke
Trifolium pretense	Lespedeza spp.	Cynara cardunculus
Clover, white	Lettuce, prickly	Thistle, Canada
Trifolium repens	Lactuca serriola	Cirsium arvense
Dandelion	Milkweed	Thistle, Russian
Taraxacum officinale	Asclepias spp.	Salsola kali

Dock, curly	Mullein, common	Velvetleaf
Rumex crispus	Verbascum thapsus	Abutilon theophrasti
Dogbane, hemp	Nightshade, silverleaf	
Apocynum cannabinum	Solanum elaeagnifolium	

^{*}Partial Control

Alder	Coyote brush	Maple:	Russian Olive**
Alnus spp.	Baccharis consanguinea	Red*	Elaeagnus angustifolia
• •		Acer rubrum	
Ash	Creeper, Virginia*	Sugar	Sage: black, white
Fraxinum spp.	Parthenocissus quinquefolia	Acer saccharum	Salvia spp.
Aspen, quaking	Dewberry	Vine	Sagebrush, California
Populus tremuloides	Rubus trivialis	Acer circinatum	Artemisia californica
Balsam apple*	Dogwood*	Monkey Flower*	Salmonberry
Momordica charantia	Cornus spp.	Mimulus guttatus	Rubus spectabilis
Bearmat (Bearclover)	Elderberry	Oak:	Salt Cedar
Chamaebatia foliolosa	Sambucus spp.	Black*	Tamarixs spp.
		Quercus velutina	
Beech	Elm*	Northern Pin	Sassafras
Fagus grandifolia	Ulmus spp.	Quercus palustris	Sassafras aibidum
Birch	Eucalyptus	Post	Sourwood
Betula spp.	Eucalyptus spp.	Quercus stellata	Oxydendrum arboreum
Blackberry	Gorse	Red	Sweet potato, wild*
Rubus spp.	Ulex europaeus	Quercus rubra	Ipomoea pandurata
Blackgum	Hasardia*	Southern Red	Sumac:
Nyssa spp.	Haplopappus squamosus	Quercus falcate	Poison*
			Rhus vernix
Bracken	Hawthorn	White*	Smooth*
Peridium spp.	Crataegus spp.	Quercus alba	Rhus glabra
Broom:	Hazel	Persimmon*	Winged*
French	Corylus spp.	Diospyros spp.	Rhus copallina
Cytisus monspessulanus			
Scotch	Hickory*	Pine	Sweetgum
Cytisus scoparius	Carya spp.	Pinus spp.	Liquidambar styraciflua
Buckwheat, California*	Holly, Florida/Brazilian	Poison Ivy	Swordfern*
Eriogonum fasciculatum	Peppertree*	Rhus radicans	Polystichum munitum
	Schinus terebinthifolius		
Cascara*	Honeysuckle	Poison Oak	Tallowtree, Chinese
Rhamnus purshiana	Lonicera spp.	Rhus toxicodendron	Sapium sebiferum
Catsclaw*	Hornbean, American*	Poplar, Yellow*	Tan Oak
Acacia greggi	Carpinus caroliniana	Liriodendron tulipifera	Lithocarpus densiflorus
Ceanothus*	Kudzu	Raspberry	Thimbleberry
Ceanothus spp.	Pueraria lobata	Rubus spp.	Rubus parviflorus
Chamise	Locust, black*	Redbud, eastern	Tobacco, tree*
Adenostoma fasciculatum	Robinia pseudoacacia	Cercis canadensis	Nicotiana glauca
Cherry:	Madrone	Redvine*	Trumpetcreeper*
Bitter	Arutus menziesii	Brunnichia ovate	Campsis radicans
Prunus emarginata			
Black	Manzanita	Rose, multiflora	Waxmyrtle, southern*
Prunus serotina	Arctostaphylos spp.	Rosa multiflora	Myrica cerifera
Pin			Willow
Prunus pensylvanica			Salix spp.

STORAGE AND DISPOSAL

^{*}Partial Control
**This product is not registered in California for use on Russian olive

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.

Refillable containers larger than 5 gallons:

Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or a mix tank. Fill the container about 10% full with water. Agitate vigorously or recirculate water with the pump for two minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

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.

RM43[™] is a trademark of Tangi Pac, LLC

[Optional Product Claims:

Outdoor Use Only Water-based Fast-acting Kills weeds and their germinating seeds Kills weeds and prevents weeds up to 1 year Two way killer Prevents new weeds for up to 1 year No weeds for up to one year Works two ways Kills weeds and grasses, roots and all One application controls weeds for up to 1 year To keep treated ground clear of weeds for up to 1 year Not for use on desirable vegetation Prevents weeds from emerging for up to 1 year Rainfast within 1-hour Season long control

Total Vegetation Control
Do not apply in root zone of desirable trees, plants & shrubs
Treats [X] square feet

Use on Fencerows and around Farm Buildings and Barns

The red jug with the white cap is trade dress of Tangi Pac, LLC1

EPA 2015071020151105