

# RM18™

Visible results in **12** hours

# FAST-ACTING

## Weed & Grass Killer

CONCENTRATED FORMULA

**Kills weeds and grasses down to the root!**

- Starts to work immediately
- Once it enters the plant, it won't wash off
- Makes up to 10 gallons
- Treats up to 3,000 sq ft

NET CONTENTS: 1 QT/32 FL OZ/946 ML

**ACTIVE INGREDIENTS:**

\*Glyphosate,  
isopropylamine salt ..... 18.00%

\*\*Diquat dibromide ..... 0.73%

OTHER INGREDIENTS: ..... 81.27%

TOTAL: ..... 100.00%

\*Contains 1.19 lbs (13.34%) glyphosate acid per US gallon.

\*\*Contains 0.065 lbs diquat dibromide per US gallon.

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**

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

EPA Reg. No. 84009-29

EPA Est. No. 084840-LA-001



# RM18™ FAST-ACTING WEED & GRASS KILLER

## KILLS ALL TYPES OF WEEDS & GRASSES

- **Next day results:**

*Begins killing on contact, visible results in 12 hours*

- **RainFast in hours**

*Enters the plant on contact*

- **Use for Brush Control**

- **Use for Weed Control**

*Use along fences, paths, patios, sidewalks and driveways, around trees, shrubs, ornamental plantings, flower beds, and buildings, and in brick and gravel walkways*

## KEEP OUT OF REACH OF CHILDREN CAUTION

### 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.

**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 your poison control center at 1-800-222-1222.

See inside booklet for complete Precautionary Statements,  
Directions For Use & Storage and Disposal.

**Manufactured for:**

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

**RM18™ is a trademark of Tangi•Pac, LLC.**

**EPA Reg. No. 84009-29**

**EPA Est. No. 084840-LA-001**

## **PRECAUTIONARY STATEMENTS**

### **HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

#### **CAUTION**

Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

#### **ENVIRONMENTAL HAZARDS**

This product is toxic to aquatic invertebrates. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

#### **PHYSICAL OR CHEMICAL HAZARDS**

Do Not Mix Or Allow Contact With An Oxidizing Agent. A Hazardous Chemical Reaction May Occur.

## **DIRECTIONS FOR USE**

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

#### **WHERE TO USE**

- On patios, walkways, driveways, gravel or mulch beds
- Around flowers, flower beds, shrubs or trees
- On driveways & walkways
- Along fences
- In large areas – For lawn replacement, for garden plot preparation\*

**\*IMPORTANT:** While RM18 Fast-Acting Weed & Grass Killer may be used to prepare a vegetable garden for planting, DO NOT USE for spot weed treatment after planting any fruits or vegetables or damage will occur.

#### **AMOUNT TO USE**

##### **For best results:**

- Add 3-6 fl. oz. (12 TBS) per gallon of water (use the higher rate for larger weeds)
- Apply on warm days in bright sunlight
- For easy to kill weeds such as small seedlings, add 3 fl. oz. (6 TBS) to 1 gallon of water

#### **MIXING INSTRUCTIONS**

##### **Tank Sprayer:**

- Use a plastic, fiberglass, plastic-lined steel or stainless steel sprayer. Do not mix, store or apply in a galvanized or unlined steel container.

- For tough established weeds and for best results, add 6 fl oz (12 Tbs) to 1 gallon of water.
- Spot treat or spray evenly over 300 sq ft.

#### **Hose-End Sprayer:**

- For large areas consider using the Ortho® Dial 'n Spray® with the dial set to 4 - 6 fl. oz.
- To sprayer jar add 4 - 6 fl oz (8 - 12 Tbs) for each 300 sq ft. **DO NOT** add water. Spray evenly over measured area.
- After spraying, unused product can be poured back into its original container.

#### **HOW TO CLEAN SPRAYER**

To clean sprayer after use, rinse sprayer and all sprayer parts with water 3 times. Spray rinse water on bare soil or gravel. After cleaning, sprayer may be used for other products.

#### **HOW IT WORKS**

RM18 Fast-Acting Weed & Grass Killer is absorbed by the weed's leaves. It moves through the weed to the root, stopping the function of an essential enzyme found in plants (but not humans or animals). Weeds die, roots and all - so weeds don't grow back. Kills only what you spray. Any product not absorbed by the plant will be deactivated after it hits the soil. Weeds usually yellow and wilt within hours with complete kill in 1 to 2 weeks.

#### **HOW TO SPRAY**

- Spray the weeds or grasses you want to kill until thoroughly wet.
- When spot-treating weeds around desirable plants, shield plants from drift with a piece of cardboard or plastic.
- If desirable plants are accidentally sprayed, rinse off immediately with water or cut off treated area.

**IMPORTANT:** Do not spray plants or grasses you like - they will die. Do not use for spot weed control in lawns since RM18 Fast-Acting Weed & Grass Killer kills lawn grasses.

#### **WHEN TO APPLY**

Use anytime weeds and grasses are actively growing.

For best results, apply during warm, sunny weather (above 60° F) to accelerate systemic movement from foliage to roots.

Apply when air is calm to prevent drift to desirable plants.

**RAINPROOF Protection:** Rain or watering 30 minutes after application will NOT wash away effectiveness.

Apply when weeds are small and before seeds form. Hard to kill weeds may require a repeat application.

### **APPLICATION RESTRICTIONS:**

- Do not apply this product in a way that will contact any person or pet, either directly or through drift. Only the person applying this product may be in the area during application.
- Do not mix, store or apply in a galvanized or unlined steel (except stainless steel) sprayer.
- Do not apply through any irrigation system.
- **DO NOT USE** for spot weed treatment after planting any fruits or vegetables. Do not allow people and pets to enter treated areas until spray has dried.

### **WHEN TO REPLANT**

All ornamental flowers, trees and shrubs may be planted **1 day** after application. Lawn grasses, herbs, vegetables, and fruits may be planted **3 days** after application.

### **ADDITIONAL USES**

#### **To Kill Vines**

- If vines are growing up poles, fences, or tree trunks with mature bark, cut vines to a height of 3 to 4 feet and spray vines thoroughly.
- If vines are climbing shrubs or tree trunks with green bark, cut vines at base and treat as directed for stumps or spray regrowth. If spraying regrowth, shield shrubs and tree trunks from spray drift with a piece of cardboard or plastic.

#### **To Kill Stumps**

- Cut living stump close to ground.
- Drill 4 to 5 holes into freshly cut stump.
- Immediately pour undiluted product into holes.

**IMPORTANT:** Some trees may share the same root system. Adjacent trees having a similar age, height and spacing may signal a shared roots system. Injury may occur to non-treated trees when one or more trees sharing common roots are treated.

#### **To Kill Kudzu**

- For best results, apply in mid to late summer when vines are mature and actively growing.

#### **To Kill Wild Blackberry**

- Spray anytime plants are actively growing.
- Dead canes should be cut down and removed.
- Reapplication is often required to kill deep roots.

#### **To Kill Poison Ivy & Poison Oak**

- Contact with these plants anytime of the year can cause an allergic reaction.
- Spray anytime plants are actively growing, but at least 4 weeks before the first killing frost in the fall. Reapply, if new growth appears.

- Handle dead plants with rubber gloves.
- Dispose of plants and rubber gloves in tightly sealed garbage bags.

### **For Lawn Replacement**

Use RM18 Fast-Acting Weed & Grass Killer to kill an old, unwanted lawn and weeds before planting a new lawn OR prior to laying a patio, sidewalk, or driveway.

- Skip one mowing before spraying.
- Use 6 fl oz (12 Tbs) per gallon of water for each 300 sq. ft. Apply evenly over treatment area.
- If soil is dry, water before application and 2 to 3 days after application.
- If green patches remain after 7 days, reapply.
- Wait 3 days after last application to rake, till or replant with seed or sod.

### **For Flowerbed and Garden Plot Preparation**

- Use RM18 Fast-Acting Weed & Grass Killer to kill weeds, grasses and brush before planting flowers, fruits, vegetables, trees or shrubs.
- If soil is dry, water before application and 2 to 3 days after application.
- Use 6 fl oz (12 Tbs) per gallon of water for each 300 sq. ft. Apply evenly over treatment area.
- Wait 1 to 3 days after last application before planting garden. See "**WHEN TO REPLANT**" section for details.

## **STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** Store in original container only in a safe place away from direct sunlight.

**PESTICIDE DISPOSAL:** Nonrefillable container. Do not reuse or refill this container. **If empty:** Place in trash or offer for recycling, if available. **If partially filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

**CONTAINER HANDLING:** Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available.

CONTAINER IS NOT SAFE FOR FOOD, FEED OR DRINKING WATER.

## **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.

# RM18™ FAST-ACTING WEED & GRASS KILLER

## KILLS ALL TYPES OF WEEDS & GRASSES

- **Next day results:**

*Begins killing on contact, visible results in 12 hours*

- **RainFast in hours**

*Enters the plant on contact*

- **Use for Brush Control**

- **Use for Weed Control**

*Use along fences, paths, patios, sidewalks and driveways, around trees, shrubs, ornamental plantings, flower beds, and buildings, and in brick and gravel walkways*

## KEEP OUT OF REACH OF CHILDREN CAUTION

### 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.

**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 your poison control center at 1-800-222-1222.

See inside booklet for complete Precautionary Statements,  
Directions For Use & Storage and Disposal.

**Manufactured for:**

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

RM18™ is a trademark of Tangi-Pac, LLC.

EPA Reg. No. 84009-29

EPA Est. No. 084840-LA-001

PEEL BACK BOOK HERE AND RESEAL AFTER OPENING

RM090617A 917/1217(02)