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478-114

9-19-97

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U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:  
478-114

Date of Issuance:  
SEP 19 1997

NOTICE OF PESTICIDE:  
Registration  
X Reregistration

Term of Issuance:  
Unconditional

Name of Pesticide Product:  
Real-Kill Vegetation  
Killer

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):  
Realex  
Division of United Industries Corp.  
P.O. Box 15842  
St. Louis, MO 63114-0842

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.  
  
Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

Based on your response to the Reregistration Eligibility Document, EPA has reregistered the product listed above. The following revision must be incorporated into the labeling before the product is released for shipment:

Revise the last sentence in the Storage and Disposal section to read "Securely wrap container in several layers of newspaper and discard in trash." Submit one copy of the revised final printed label for the record before you release the product for shipment.

Enclosed is a copy of your label stamped "Accepted with Comments". This action is taken under the authority of section 4(g)(2)(C) of the Federal Insecticide, Fungicide and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain registration of your product.

Signature of Approving Official:

Date:  
SEP 19 1997

EPA Form 8570-6  
DK: 305-7546: HB/PM23  
7505C  
D. KENNY  
9/19/97

SEP 19 1997

Real-Kill® Vegetation Killer

EPA Reg. No. 478-114

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
478-114

# Real-Kill®

## VEGETATION KILLER

Kills Weeds & Grass in Walks, Drives, Patios and Fences • For walks, drives, fences, patios and similar areas • Water-based Formula • Ready-to-Use • Just Aim and Spray • Do-it-yourself weed-killer • With Grabber™ • Better coverage • Better Kill • Kills on Contact • Kills weeds, grasses and unwanted vegetation on contact • Kills unwanted vegetation throughout your yard • Kills unwanted grass & weeds throughout your yard • Controls grass and weeds within 24 hours • Formulated with XLC™ • With XLC™— for 24 hour control • With XLC™—Works in 24 Hours! • Able to reseed in 48 hours • 48 hour Reseed • Re-seed in 48 hours • Reseed treated areas in 48 hours • Won't stain gravel or paved areas • Easy-to-use sprinkler top applicator

Active ingredient:  
Diquat dibromide [6,7-dihydrodipyrido (1,2-a:2',1'-c) pyrazinodinium dibromide] ..... 0.23%  
Inert ingredients: ..... 99.77%  
Contains 0.01 lbs. Diquat Cation per gallon as 0.02 lbs. Salt per gallon

KEEP OUT OF REACH OF CHILDREN

CAUTION See back for additional precautionary statements

NET CONTENTS 1 GALLON

Spray weeds and grasses in cracks of walks (optional: walkways), drives and patios. Spray edges along walls, drives, patios, around buildings, under fences (optional: along fences) and other places where plants are not wanted (except lawns). Kills weeds in tree-wells, around shrubs and flower beds (optional: planting beds). (Alternate Introductory paragraph: Kills unwanted grass and weeds along fences, walkways, patios and planting beds. Also treat edges along walls, drives, around buildings, and other places where plants are not wanted (except lawns).) Kills unwanted vegetation throughout your yard: Patios, walkways, along fences, planting beds.

### STOP. READ ENTIRE LABEL BEFORE USE.

Optional: STOP. Read all instructions inside before using.)

### DIRECTIONS FOR USE

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



### ENTRY RESTRICTIONS

Do not allow people or pets to touch treated plants until the sprays have dried.

### APPLICATION RESTRICTIONS

Do not apply this product in a way that will contact any person or pet, either directly or through drift. Only person applying this product may be in the area during application.

### Option A Directions - Paragraph Format

#### HOW TO APPLY:

(SPRINKLER CAP APPLICATOR)

Remove cap from applicator head and be certain (optional: make sure) that applicator head is screwed firmly on jug (optional: bottle). Invert jug and apply product to thoroughly cover unwanted vegetation. The width of the pattern may be adjusted by either raising or lowering the jug (optional: bottle). For top killing vegetation around trees, shrubs and buildings and edging around lawns, fences and sidewalks, hold the jug about 2 to 6 inches from the area to be treated depending upon desired width.

Use just enough product to completely cover foliage of weed; not necessary to soak. The applicator will assist you in obtaining accurate spot weed control easily. Kills on contact only. Accidental spotting of desired plants may

be washed off or pruned at time of treatment. Reapply to hard-to-kill weeds, perennial weeds and Bermuda grass patches if green reappears. For best results, apply to weeds in the early growing stage when moisture and high temperatures are promoting vigorous growth.

(HAND SPRAYER APPLICATOR)

Sprayer Instructions:

How to prime and care for your sprayer:

1. After shaking product well, remove cap from container and replace with sprayer hose and cap assembly. Tighten securely.
2. Turn sprayer nozzle one half turn counter-clockwise. Hold sprayer below the level of container and prime by pumping trigger 10-15 times until product is dispensed. Adjust nozzle to a coarse spray or jet stream.
3. To store, turn nozzle to "OFF" position and store with sprayer above level of liquid in container to prevent leakage.

(TRIGGER SPRAYER OR HAND SPRAYER APPLICATORS)

Turn adjustable nozzle by rotating to deliver a jet stream. A jet stream is less likely to drift. Stand as close to weed or grass as possible. No need to stoop or squat with jet stream spray. Use just enough product to completely cover foliage of weed; not necessary to soak. The applicator will assist you in obtaining accurate spot weed control easily. Kills on contact only. Accidental spotting of desired plants may be washed off or pruned at time of treatment. Reapply to hard-to-kill weeds, perennial weeds and Bermuda grass patches if green reappears. For best results, apply to weeds in the early growing stage when moisture and high temperatures are promoting vigorous growth.

### Option B Directions - Numbered Format

#### HOW TO APPLY

(SPRINKLER CAP APPLICATOR)

1. Remove cap from applicator head and make sure that the applicator head is screwed firmly on the bottle.
2. Hold the bottle about 2 to 6 inches from the area to be treated. Invert the bottle and apply product to thoroughly cover unwanted vegetation. The width of the stream may be adjusted by either raising or lowering the bottle.
3. Use just enough product to completely cover foliage of weed; it is not necessary to soak.

(HAND SPRAYER APPLICATOR)

How to prime and care for your sprayer

1. After shaking product well, remove cap from container and replace with sprayer hose and cap assembly. Tighten securely.

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- Turn sprayer nozzle one half turn counter-clockwise. Hold sprayer below the level of container and prime by pumping trigger 10-15 times until product is dispensed. Adjust nozzle to a coarse spray or jet stream.
- To store, turn nozzle to "OFF" position and store with sprayer above level of liquid in container to prevent leakage.

**(TRIGGER SPRAYER OR HAND SPRAYER APPLICATORS)**

- Turn adjustable nozzle to deliver a jet stream. A jet stream is less likely to drift. Stand as close to weed or grass as possible. No need to stoop or squall with jet stream spray.
- Use just enough product to completely cover foliage of weed, not necessary to soak. The applicator will assist you in obtaining accurate spot weed control easily.

**USE TIPS**

- For best results, apply to weeds in the early growing stage when moisture and high temperature are promoting vigorous growth.
- Kills on contact only. Accidental spotting of desired plants may be washed off or pruned at time of treatment.
- Reapply to hard-to-kill weeds, perennial weeds and Bermuda grass patches if green reappears.

**USER SAFETY RECOMMENDATIONS**

Clothing exposed to this product should be washed in detergent and hot water. Such items should be kept and washed separately from other laundry. Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

**STORAGE AND DISPOSAL**

Store in a cool, dry area away from heat or open flame. Do not reuse container. Discard container in trash.

**OPTIONAL POWER PUMP  
CLAIMS, INSTRUCTIONS & STORAGE  
AND DISPOSAL DIRECTIONS**

**Revolutionary (NEW) Power Pump™ - Works  
like a pressure sprayer! • Refillable • Ready-  
to-Use Power Pump Pressure Sprayer**

Yes, this product is different! Real-Kill Vegetation Killer works in 24 hours and comes in the revolutionary Power Pump™ eliminating the need to squeeze a trigger sprayer over and over again. The Power Pump works like

a pressure sprayer - just pump it a few times and spray. And the Power Pump can be refilled up to 5 times with either Real-Kill Vegetation Killer or Chemsico Grass & Weed Killer A for up to a season's worth of convenient weed and grass killing.

**STOP. READ ENTIRE LABEL BEFORE USE  
DIRECTIONS FOR USE**

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

**ENTRY RESTRICTIONS**

Do not allow people or pets to touch treated plants until the sprays have dried.

**APPLICATION RESTRICTIONS**

Do not apply this product in a way that will contact any person or pet, either directly or through drift. Only person applying this product may be in the area during application.

(Graphics with call outs.)

- CONNECT WAND HOSE TO POWER PUMP BOTTLE.** Unwrap the wand. Unscrew and discard the Black Cap protecting the bottle opening. (graphic). Push the Clear Tube down through the small opening on the bottle. Tightly screw the Green Hose Connector Cap onto the bottle. (graphic). Make sure the Green Button on the wand is "OFF" or "UP" before pressurizing (graphic).
- PRESSURIZE THE POWER PUMP.** Break off the Pump Handle "TAB" with your thumb (graphic). Pump 10-15 times to build up pressure. NOTE: The Power Pump bottle may bulge slightly as it is pressurized. Never pressurize by any means other than the pump included. You'll need to pump every once in a while to keep the Power Pump pressurized during use.
- SPRAY WEEDS AND UNWANTED GRASS!** Just depress the Green Button on the wand to spray. If needed, the button can be locked "ON" by pushing it down and forward at the same time. The reverse motion will lock it "OFF" (graphic). Spray unwanted grass or weeds until wet.
- WILTING OR BROWNING WILL BEGIN IN HOURS.** (graphic)
- REFILLING.** The Power Pump can be refilled up to 5 times with either Real-Kill Vegetation Killer or Chemsico Grass & Weed Killer A. If using Chemsico Grass and Weed Killer A, add 12.8 ozs. of concentrate and dilute to a gallon with water. Use "Fill to Here" mark on the side of the

Power Pump bottle as a guide. Make sure the Green Pump Cap and the Black Hose Connector Cap are tightly secured before re-pressurizing.

**IMPORTANT:** Do not refill more than 5 times. Do not use any product other than Real-Kill Vegetation Killer or Chemsico Grass & Weed Killer A in this Power Pump. Incompatible chemicals may damage the pump making it unsafe to use.

**USE TIPS:**

- For best results, apply on a sunny day when it's above 60 ° F (graphic). If it rains within 12 hours of spraying, re-treating may be necessary.
- Don't spray on desirable plants as this product will kill them, too. Also, don't spray on windy days to avoid drift to desirable plants. Rinse them off immediately with water if contact occurs.
- You may reseed/replant in 48 hours. (graphic)
- Some hard-to-kill weeds and perennial grasses may require more than one application.

**USER SAFETY RECOMMENDATIONS**

Clothing exposed to this product should be washed in detergent and hot water. Such items should be kept and washed separately from other laundry. Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

**STORAGE AND DISPOSAL**

Store in a cool, dry area away from heat or open flame. Always release pressure by unscrewing the pump cap before storing. After 5 refills, discard container in trash.

**PRECAUTIONARY STATEMENTS****Hazards to Humans and Domestic Animals**

**CAUTION:** Causes eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

**FIRST AID**

**If In Eyes:** Flush eyes with plenty of water. Call a physician if irritation persists.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to aquatic invertebrates. Do not apply directly to water.

**NOTICE:** Buyer assumes all responsibility for safety and use not in accordance with directions.

Questions or comments? Call 800-332-5553

Manufactured in the U.S.A. for Realex, Division of United Industries Corp,  
P.O. Box 15842 St. Louis, MO 63114-0842 © 1996

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