

Please read Instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 11-30-93

(A) 	United States Environmental Protection Agency Office of Pesticide Programs (H7505C) Washington, DC 20460 Application for Pesticide:	<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td style="width:30px; height: 20px;"><input type="checkbox"/></td><td style="font-size: 8px;">Registration</td></tr> <tr><td style="width:30px; height: 20px;"><input type="checkbox"/></td><td style="font-size: 8px;">Amendment</td></tr> <tr><td style="width:30px; height: 20px;"><input checked="" type="checkbox"/></td><td style="font-size: 8px;">Other</td></tr> </table>	<input type="checkbox"/>	Registration	<input type="checkbox"/>	Amendment	<input checked="" type="checkbox"/>	Other	OPP Identifier Number 199594
<input type="checkbox"/>	Registration								
<input type="checkbox"/>	Amendment								
<input checked="" type="checkbox"/>	Other								

Section I

1. Company/Product Number <p style="text-align: center; font-size: 18px;">478-114</p>	2. EPA Product Manager <p style="text-align: center;">J. Miller</p>	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) <p>Real-Kill Vegetation Killer</p>	PM# <p style="text-align: center;">23</p>	
5. Name and Address of Applicant (Include ZIP Code) Realex, Div. of United Industries Corp. P.O. Box 15842 St. Louis, MO 63114-0842 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section II

<input type="checkbox"/> Amendment - Explain below	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification per PR Notice 95-2. Addition of several marketing phrases. Revised opening paragraph. Revised Option A Direction - Paragraph Format. Sprinkle Cap Applicator directions added to Option B Directions - Numbered Format. Replace "Pump 5-10 times" with "Pump 10-15 times" under the Optional Power Pump Claims, Instructions & Storage and Disposal Instructions.

Section III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	* Certification must be submitted. If "Yes," Unit Package wgt. No. per container	<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____	If "Yes," Package wgt. No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) of Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed To Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Other (_____) <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled					

Section IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name <p style="text-align: center; font-size: 18px;">Kelly Loft</p>	Title <p style="text-align: center;">Regulatory Affairs Specialist</p>	Telephone No. (include Area Code) <p style="text-align: center;">336-242-1166</p>

Certification

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received <p style="text-align: center;">(Stamped)</p>
2. Signature 	3. Title <p style="text-align: center;">Regulatory Affairs Specialist</p>	
4. Typed Name <p style="text-align: center;">Kelly Loft</p>	5. Date <p style="text-align: center;">December 4, 1995</p>	

Real-Kill® Vegetation Killer

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 [6,6-dihydrodipyrido (1,2-a:2',1'-c) pyrazinedium dibromide] 0.23%
 Inert Ingredients: 99.77%
 Contains 0.01 lbs. Diquat Calcium per gallon as 0.02 lbs. Salt per gallon

KEEP OUT OF REACH OF CHILDREN

WARNING 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. (Alternate Statement: 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.

Option A Directions - Paragraph Format

(SPRINKLER CAP APPLICATOR)

HOW TO APPLY:

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 spilling 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 level of liquid in container.

(TRIGGER SPRAYER OR HAND SPRAYER)
 Turn adjustable nozzle by rotating to desired spray pattern. Nozzle likely to drift. Stand as close to foliage of weed; not necessary to squat with jet stream spray. Obtain accurate spot weed control by obtaining accurate spot weed control. Spilling of desired plants may occur. Reapply to hard-to-kill weeds, if green reappears. For best results, apply to weeds in the early stage when moisture and high

Option B Directions - Paragraph Format

(SPRINKLER CAP APPLICATOR)

1. Remove cap from applicator head and be certain (optional: make sure) that applicator head is screwed firmly on jug (optional: bottle).
2. Hold the bottle about 2 to 6 inches from the area to be treated 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).
3. Use just enough product to completely cover foliage of weed; 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.
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 level of liquid in container.
3. To store, turn nozzle to the "OFF" position. Stand as close to foliage of weed; not necessary to squat with jet stream spray. Obtain accurate spot weed control by obtaining accurate spot weed control. Spilling of desired plants may occur. Reapply to hard-to-kill weeds, if green reappears. For best results, apply to weeds in the early stage when moisture and high

(TRIGGER SPRAYER OR HAND SPRAYER) HOW TO APPLY

1. Turn adjustable nozzle by rotating to desired spray pattern. Nozzle likely to drift. Stand as close to foliage of weed; not necessary to squat with jet stream spray.
2. 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.

spot weed control easily.

USE TIPS

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

STORAGE AND DISPOSAL

Store in a cool, dry area away from heat or open flame. Do not reuse container. Rinse thoroughly before discarding in trash. Securely wrap in several layers of newspaper and 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 (sign). 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.

(Graphics with call outs.)

1. **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).
2. **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.
3. **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.
4. **WILTING OR BROWNING WILL BEGIN IN HOURS.** (graphic)
5. **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:

1. 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.
2. 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.
3. You may reseed/replant in 48 hours. (graphic)
4. Some hard-to-kill weeds and perennial grasses may require more than one application.

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, rinse thoroughly, wrap in several layers of newspaper and discard container in trash.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

WARNING: Keep out of reach of children. Causes eye and skin irritation. Do not get in eyes, on skin or on clothing. Harmful if swallowed. Avoid contamination of food.

FIRST AID: In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. In case of contact with eyes, call a physician. Remove and wash contaminated clothing before reuse. If swallowed, promptly drink a large quantity of milk, egg white, gelatin solution or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician.

ENVIRONMENTAL HAZARDS

Do not apply under conditions involving possible spray contact or drift onto food, forage, vegetables, ornamental plants or other desirable plantings that might be damaged or the crops rendered unfit for sale, use or consumption. This pesticide is toxic to fish and wildlife. Birds and other wildlife in treated areas may be killed. Do not apply directly to water. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning equipment or disposal of wastes.

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

EPA Reg. No. 478-114 EPA Est. No. 9688-MO-1
Form A9N1/M&R © 1995

395

December 4, 1995

Document Processing Desk (NOTIF)
Office of Pesticide Programs - H7504C
United States Environmental Protection Agency
401 M Street SW
Washington, DC 20460-0001

Attention: Joanne I. Miller
Product Manager 23

**Subject: Real-Kill Vegetation Killer
EPA Reg. No. 478-114**

Dear Ms. Miller,

Enclosed please find our Notification to add the following optional marketing phrases to the label of the above mentioned product:

- *Kills unwanted vegetation throughout your yard*
- *Kills unwanted grass & weeds throughout your yard*
- *Easy-to-use sprinkler top applicator*

In the opening paragraph we are adding several options so to read:

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.

Under the heading **Option A directions - Paragraph Format** we are adding three options so that the paragraph reads:

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). ...

We are also adding under the heading **Option B Directions - Numbered Format** the *Sprinkle Cap Applicator* directions as follows:

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.*

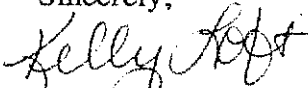
Concerning the **OPTIONAL POWER PUMP CLAIMS, INSTRUCTIONS & STORAGE AND DISPOSAL INSTRUCTIONS**, under section "2" we would like to replace "Pump 5-10 times" with "Pump 10-15 times". It has been found that by increasing the pressure of the power pump (pumping the container several more times) the performance of the sprayer is improved.

Included with this Notification is three (3) copies of the revised label with changes highlighted and a copy of the most recent EPA stamped label.

This notification is consistent with the provisions of PR Notice 95-2 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 95-2 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Please call me at 1-800-242-1166 if you have questions or need additional information. Thank you for your attention to this matter.

Sincerely,



Kelly Loft
Regulatory Affairs Specialist

enclosures