

228-704

05-02-2011

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

MAY 2 2011

Mr. George Meindl  
Nufarm Americas, Inc.  
150 Harvester Drive, Suite 200  
Burr Ridge, IL 60527

Subject: Notification per PR Notice 98-10 – Change Primary Brand Name  
EPA Reg. No. 228-704  
Application Dated – April 19, 2011

Proposed Name Change: Quincept® LT Herbicide Premium Lawn Weed Killer Concentrate

Dear Mr. Meindl:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the subject 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 date-stamped "Notification" and will be placed in our records.

If you have any questions regarding this letter, please contact Maggie Rudick at (703) 347-0257 or [rudick.maggie@epa.gov](mailto:rudick.maggie@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "K. Montegue", with a small flourish to the right.

Kathryn V. Montegue, Product Manager 23  
Herbicide Branch  
Registration Division (7505P)  
Office of Pesticide Programs

	United States <b>Environmental Protection Agency</b> Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number
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**Application for Pesticide - Section I**

<b>1. Company/Product Number</b> 228-704	<b>2. EPA Product Manager</b> Kathryn Montague	<b>3. Proposed Classification</b> <input type="checkbox"/> None <input type="checkbox"/> Restricted
<b>4. Company/Product (Name)</b> Quincept LT Herbicide Premium Lawn Weed Killer Concentrate	<b>PM#</b> 23	
<b>5. Name and Address of Applicant (Include ZIP Code)</b> Nufarm Americas, Inc. 150 Harvester Drive Suite 200 Burr Ridge, IL 60527  <input type="checkbox"/> Check if this is a new address	<b>6. Expedited Review.</b> 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.

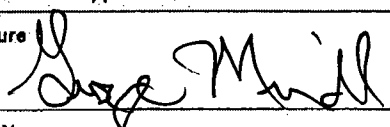
**NOTIFICATION**  
**MAY - 2 2011**

**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)  
 See cover letter for detailed explanation. Label notification consistent with PRN98-10, primary brand name change. This notification is consistent with the provisions of PR Notice 98-10 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 false statements to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 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.

**Section - III**

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

**Section - IV**

<b>1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)</b>		
<b>Name</b> George Meindl george.meindl@us.nufarm.com	<b>Title</b> Regulatory Affairs Manager	<b>Telephone No. (Include Area Code)</b> 630.455.2017
<b>Certification</b> 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.		<b>6. Date Application Received (Stamped)</b>  _____ _____ _____ _____ _____
<b>2. Signature</b> 	<b>3. Title</b> Regulatory Affairs Manager	
<b>4. Typed Name</b> George Meindl	<b>5. Date</b> 4/19/2011	



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NOTIFICATION

MAY - 2 2011

# Quincept® LT HERBICIDE

## PREMIUM LAWN WEED KILLER Concentrate

FOR SELECTIVE BROADLEAF AND GRASSY WEED CONTROL IN RESIDENTIAL AND ORNAMENTAL TURFGRASSES. TO CONTROL CRABGRASS, DANDELION, CLOVER, HENBIT, PLANTAINS, WILD ONION, AND MANY OTHER LISTED LAWN WEEDS.

CONTAINS 2,4-D, QUINCLORAC AND DICAMBA  
1 QUART TREATS (COVERS) UP TO 5,000 SQ. FT.

**ACTIVE INGREDIENTS:**

2,4-D DMA*	6.557%
Quinclorac**	2.724%
Dicamba Acid***	0.681%
<b>OTHER INGREDIENTS:</b>	<u>90.038%</u>
<b>TOTAL:</b>	100.000%

Isomer Specific Method, Equivalent to:

* 2,4-D	5.446%, 0.473 lb/gal.
** Quinclorac	2.724%, 0.236 lb/gal.
*** Dicamba Acid	0.681%, 0.059 lb/gal.

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

**SEE INSIDE BOOKLET FOR FIRST AID AND ADDITIONAL PRECAUTIONARY STATEMENTS**

For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300  
For Medical Emergencies Only, Call (877) 325-1840

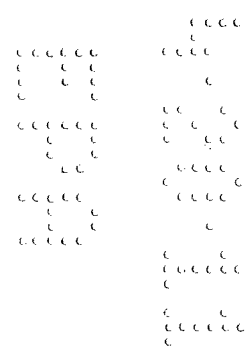
EPA REG. NO. 228-704  
EPA EST. NO.  
NUP-09064

Manufactured For  
NUFARM AMERICAS INC.  
150 Harvester Drive  
Burr Ridge, IL 60527

NET CONTENTS:      \_\_\_ GALS.      \_\_\_ QT.

\_\_\_ PT.

000228.00704.20110419.primary brandname change



### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or on clothing.

#### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are made of natural rubber. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.

#### All 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, and
- Chemical-resistant gloves

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.

#### USER SAFETY RECOMMENDATIONS

Users should: Wash hands 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. If pesticide gets on skin, wash immediately with soap and water. Users should 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.

#### FIRST AID

##### 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 do so by the poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

##### IF IN EYES

- Hold eye open and rinse slowly and gently with water for 15 to 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

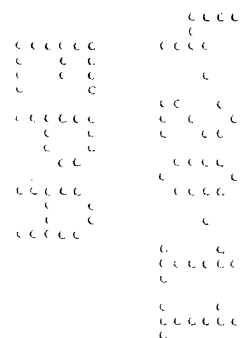
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-325-1840 for emergency medical treatment information.

#### ENVIRONMENTAL HAZARDS

This product is toxic to fish and aquatic invertebrates. Drift or runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Drift or runoff may adversely affect nontarget plants. 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 apply when weather conditions favor drift from target area. Clean and rinse spray equipment using soap or detergent and water, and rinse thoroughly before reuse for other spraying. When cleaning equipment, do not pour washwater on the ground; spray or drain over a large area away from wells and other water sources. Do not contaminate water when disposing of equipment washwaters or rinsate. Do not apply this product through any type of irrigation system. Do not contaminate water used for irrigation or domestic purposes.

The chemicals in this product have properties and characteristics associated with chemicals detected in groundwater. The use of these chemicals in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination. Application around a cistern or well may result in contamination of drinking water or groundwater.

Most cases of groundwater contamination involving phenoxy herbicides such as 2,4-D have been associated with mixing/loading and disposal sites. Caution should be exercised when handling these herbicides at such sites to prevent contamination of groundwater supplies. Use of closed systems for mixing or transferring this pesticide will reduce the probability of spills. Placement of the mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination.





This product combines three proven active ingredients [Quinclorac, 2,4-D, and Dicamba] to provide broad spectrum control of grassy and broadleaf weeds. This herbicide is absorbed by foliage and roots of weeds and translocated throughout the plant. USE AS DIRECTED TO CONTROL OR SUPPRESS THE FOLLOWING WEEDS:

**WEEDS:**

**GRASSY WEEDS**

- Crabgrass, Large
- Crabgrass, Smooth
- Barnyardgrass
- Foxtail, Giant
- Foxtail, Green
- Foxtail, Yellow
- Signalgrass, Broadleaf

**BROADLEAF WEEDS**

- Alder
- Annual yellow sweet Clover
- Artichoke
- Aster
- Austrian fieldcress
- Bedstraw
- Beggartick
- Biden
- Bindweed
- Bird vetch
- Bitterweed
- Bitter wintercress
- Black-eyed Susan
- Black medic
- Black mustard
- Blackseed plantain
- Blessed thistle
- Blue lettuce
- Blue vervain
- Box elder
- Bracted plantain
- Brassbuttons
- Bristly oxtongue
- Broadleaf dock
- Broadleaf plantain
- Broomweed
- Buckhorn
- Buckhorn plantain
- Bulbous buttercup
- Bull nettle
- Bull thistle
- Burdock
- Burning nettle
- Bur ragweed
- Burweed
- Buttercup
- Canada thistle

- Carolina geranium
- Carpetweed
- Catchweed bedstraw
- Catsear
- Catnip
- Chickweed
- Chicory
- Cinquefoil
- Common chickweed
- Common mullein
- Common sowthistle
- Corn chamomile
- Creeping Jenny
- Crimson clover
- Croton
- Cudweed
- Curly dock
- Curly indigo
- Dandelion
- Dead Nettle
- Dock
- Dollarweed
- Dogbane
- Dogfennel
- Elderberry
- English daisy
- Fall dandelion
- False dandelion
- False flax
- False sunflower
- Fiddleneck
- Field bindweed
- Field pansy
- Flea bane (Daisy)
- Flixweed
- Florida betony
- Florida pusley
- Frenchweed
- Galinsoga
- Garlic mustard
- Goathead
- Goatsbeard
- Goldenrod
- Ground ivy
- Gumweed
- Hairy bittercress
- Hairy fleabane
- Hawkweed
- Healall
- Heartleaf drymary
- Hedge bindweed
- Hedge mustard
- Hemp
- Henbit
- Hoary cress
- Horsetail
- Indiana mallow
- Ironweed
- Jewelweed
- Jimsonweed
- Kochia
- Knawel
- Knotweed
- Lambsquarter
- Lespedeza
- Locoweed
- Lupine
- Mallow
- Marshelder
- Matchweed
- Mexicanweed
- Milk vetch
- Milkweed
- bloodf lower
- Mugwort
- Morningglory
- Mouseear
- chickweed
- Musk thistle
- Mustard
- Narrowleaf plantain
- Narrowleaf vetch
- Nettle
- Orange hawkweed
- Oxalis
- Oxeye daisy
- Parsley-piert
- Parsnip
- Pearlwort
- Pennycress
- Pennywort
- Peppergrass
- Pepperweed
- Pigweed
- Pineywoods bedstraw
- Plains coeopsis
- Plantain
- Poison hemlock
- Poison ivy
- Poison oak

- Pokeweed
- Poorjoe
- Povertyweed
- Prostrate spurge
- Prostrate vervain
- Puncture vine
- Purslane
- Ragweed
- Red clover
- Redroot pigweed
- Red sorrel
- Redstem filaree
- Rough cinquefoil
- Rough fleabane
- Roundleaved marigold
- Rush
- Russian pigweed
- Russian thistle
- St. Johnswort
- Scarlet pimpernel
- Scotch thistle
- Sheep sorrel
- Shepherdspurge
- Slender plantain
- Smallflower galinsoga
- Smartweed
- Smooth dock
- Smooth pigweed
- Sneezeweed
- Southern wild rose
- Sowthistle
- Spanishneedle
- Spatterdock
- Speedwell
- Spiny amaranth
- Spiny cocklebur
- Spotted catsear
- Spotted knapweed
- Spotted spurge
- Spurge
- Spurweed
- Stinging nettle
- Stinkweed
- Stitchwort
- Strawberry clover
- Sumac
- Sunflower
- Sweet clover
- Tall nettle

- Tarweed
- Thistle
- Tick trefoil
- Toadflax
- Trailing crown vetch
- Tumble mustard
- Tumble pigweed
- Tumbleweed
- Velvet leaf
- Venice mallow
- Veronica
- Vervain
- Vetch
- Violet, wild
- Virginia buttonweed
- Virginia creeper
- Virginia pepperweed
- Wavyleaf bullthistle
- Western clematis
- Western clematis
- White clover
- White mustard
- Wild mustard
- Wild aster
- Wild buckwheat
- Wild carrot
- Wild four-o'clock,
- Wild garlic
- Wild geranium
- Wild lettuce
- Wild marigold
- Wild onion
- Wild parsnip
- Wild radish
- Wild rape
- Wild strawberry
- Wild sweet potato
- Wild vetch
- Willow
- Witchweed
- Woodsorrel
- Woolly croton
- Woolly plantain
- Wormseed
- Yarrow
- Yellow Rocket
- Yellow flower pepperweed and other broadleaf weeds.

Some of these species may require repeat spot applications and/or use of the maximum specified rate on this product label even under ideal conditions for application.

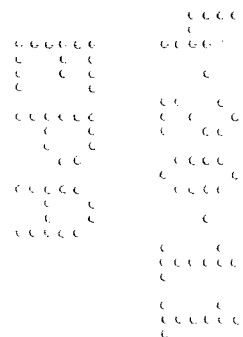
**USE SITES**

This product can be applied postemergence to the following turfgrasses:

HIGHLY TOLERANT TURFGRASSES	MODERATELY TOLERANT TURFGRASSES	DO NOT APPLY TO THE FOLLOWING TURFGRASSES
COOL SEASON TURFGRASS Bluegrass, Kentucky Fescue, Tall Ryegrass, Annual Ryegrass, Perennial	COOL SEASON TURFGRASS Bentgrass, Creeping (1,3) Bluegrass, Annual (Poa Annua) (1) Bluegrass, Rough (Poa trivialis) Fescue, Chewing's Fescue, Fine (2) Fescue, Hard Fescue, Red  WARM SEASON TURFGRASS Bermudagrass, Common (1) Bermudagrass, (Hybrids) (1) Zoysiagrass	Bahiagrass Bentgrass, Colonial Bentgrass, Seaside Buffalograss Carpetgrass Centipedegrass Dichondra Paspalum, Seashore St. Augustinegrass

1. Temporary yellowing and discoloration on these species may occur after application.
2. Only apply to fine fescue when it is part of a blend.
3. Application to established creeping Bentgrass must be applied in 2 split applications at 2.4 to 4.0 fl. oz. per 1,000 sq. ft.

Warm season turfgrasses such as Common Bermuda and Zoysia may see temporary discoloration. Do not apply during growth stages from dormancy to green-up and from green-up to dormancy.





**HOW MUCH TO USE**

**SPOT TREATMENT**

**Pressure Sprayer [Pump-up Sprayer]:** Adjust spray nozzle to give a coarse spray. Aim at center of weed and spray to wet. One application should be sufficient. Effects begin to show after a few days and weeds gradually die. A repeat application may be required in 3 to 4 weeks for hard-to-kill (or control) weeds. Do not use a hose-end sprayer for spot treatment.

AMOUNT OF CONCENTRATE (FLUID OUNCES)	AMOUNT OF WATER (GALLONS)	AREA TREATED (SQ. FEET)
6.4	4	1,000
3.2	2	500
1.6	1	250

**ENTIRE LAWN TREATMENT**

**Dial Type Hose-end Sprayers:** Spray lawn using a coarse spray. Apply evenly over area to be treated. One application should be sufficient. Effects begin to show after a few days and weeds gradually die.

- 1) Measure the total square foot area to be sprayed. To determine the total square foot area, multiply the length by the width of the lawn area to be treated. Subtract square footage of non-treatment areas including flower beds, shrub beds, driveways, and sidewalks.
- 2) The application rate of this product is 6.4 fluid ounces per 1,000 sq. ft. of lawn. Add 6.4 fl. oz. of this product to the spray bottle [jar], [reservoir] for every 1,000 sq. ft. of lawn area to be treated.
- 3) Set the dial to the 2.5 fl. oz. per gallon mix rate.
- 4) Connect to hose, turn on water and spray evenly over the lawn treatment area.

AREA TO BE TREATED (SQ. FEET)	AMOUNT OF PRODUCT NEEDED (FLUID OUNCES)
1,000	6.4
2,000	12.8
3,000	19.2
4,000	25.6
5,000	32.0

**Broadcast Application:** Spray lawn using a coarse spray. Apply evenly over area to be treated. One application should be sufficient. Effects begin to show after a few days and weeds gradually die.

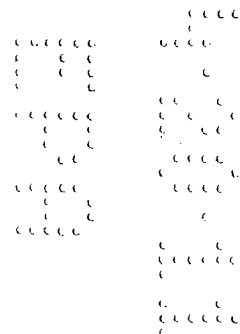
AREA TO BE TREATED (SQ. FEET)	AMOUNT OF PRODUCT NEEDED (FLUID OUNCES)
1,000	6.4
2,000	12.8
3,000	19.2
4,000	25.6
5,000	32.0

**Ready-to-spray Hose-end Sprayers:** [This product is packaged in a ready-to-spray packaging containing a plastic container fitted with a spray head that sprays the solution at a fixed concentration.] Apply evenly over area to be treated. One application should be sufficient. Effects begin to show after a few days and weeds gradually die.

This sprayer bottle will treat 5,000 sq. ft. when applied at 6.4 fluid ounces of this product per 1,000 sq. ft.

**Instructions**

1. Attach garden hose to spray head.
2. Turn on water supply.
3. Bend safety tab down and turn control valve to "water".
4. Point nozzle toward lawn and turn control valve to "on". Product will automatically mix with water.
5. Walk back and forth at a steady pace and spray evenly over the lawn treatment area.





[OPTIONAL BOX]

**PRODUCT FACTS**

**What it Does:**  
Kills Broadleaf Weeds including Chickweed, Clover, Dandelion and Grassy Weeds including Crabgrass (See inside for complete list).

**Where to Use:** (Icon weeds)  
Lawns: Kills the Weeds not the Lawn.

**When to Use:**  
Do not apply broadcast applications when air temperature exceeds 90°F.

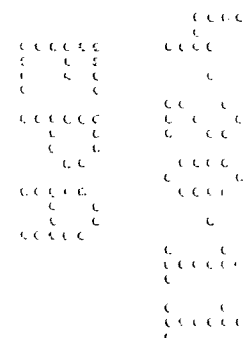
**Questions and Comments:** (Icon phone) (icon computer)  
Call xxx-xxx-xxxx or visit our website at [www.xxxxxxxx.xxx](http://www.xxxxxxxx.xxx)

**MEASUREMENT CALCULATIONS**

3 teaspoons = 1 Tablespoon	1 fluid ounce = 6 teaspoons
1/2 fluid ounce = 3 teaspoons	1 fluid ounce = 2 Tablespoons
1/2 fluid ounce = 1 Tablespoon	4 fluid ounces = 1/2 cup

**OPTIONAL MARKETING CLAIMS - FRONT PANEL**

- Kill Crabgrass
- [Also] Controls Crabgrass
- Kills crabgrass, dandelion, clover and 200+ weeds
- Controls Sensitive Weeds such as...
- Controls both grassy and broadleaf weeds in one easy step
- Controls Hard-to-Kill weeds such as...
- Kills Broadleaf and grassy weeds
- Kills over 200 weeds
- Kills Crabgrass and All Major Broadleaf Weeds
- Kills Dandelion, Clover and Other Broadleaf Weeds
- Kills Dandelion, Clover and Other Listed Broadleaf Weeds
- Use When Weeds Are Actively Growing
- Kills the Weeds, Not the Lawn
- Rainproof in Hours - Won't Wash Away
- Won't Harm the Home Lawn when Used as Directed
- Illustration(s) of various weeds listed on label
- Easy to Use
- For Thick, Weed-Free Turf
- Three Way Control
- Apply to a Moist Lawn
- Contains Three Way Power
- One Quart Covers Up To 5,000 Square Feet, (One XXX covers up to XX,XXX square feet)
- Easy to Mix
- Just Add Water
- New Formulation
- Simple to use
- Proven Performance
- New!



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**OPTIONAL CONTAINER LANGUAGE:**

**Containers:** Non-refillable 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 1/4 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.

Once clean, some agricultural plastic pesticide containers can be taken to a container collection site or picked up for recycling. To find the nearest site, contact your chemical dealer or manufacturer.

**Returnable-Refillable Containers:** 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 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

**Optional Language:**

This sprayer bottle will treat 5,000 sq. ft. when applied at 6.4 fluid ounces of this product per 1,000 sq. ft.

**Instructions:**

1. Before you start, the blue top water flow valve should be in the "OFF" position, and the red product flow valve should be in the up, "OFF" position.
2. Shake container well and attach it to your garden hose.
3. Turn on the water from the faucet.
4. To apply, remove side pin (labeled "PULL OUT") and rotate red product flow valve to "ON"; then while holding sprayer at waist level and pointing in a direction away from face and body, push blue water flow valve forward to activate water.
5. When you are finished spraying or if you have to stop spraying at any time, press blue water flow valve with thumb to the rear to shut off water and return side red valve to the upright "OFF" position and replace side pin.
6. Turn off the water at the faucet.
7. Remove the container from the garden hose; then rinse thoroughly and store according to storage instructions.

[Optional Diagram]

