



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

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

JUL 17 2009

Mr. Gregory C. Mattern Regulatory Product Manager Bayer Advanced P.O. Box 12014 2 T.W. Alexander Drive Research Triangle Park, NC 27709

RE: Notification of Minor Label Modification per PR Notice 98-10

EPA Reg. No.: 72155-85

Date of Submission: March 6, 2009

Dear Mr. Mattern:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated March 6, 2009, for the product Lawn Herbicide 2Q RTU. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested fall within the scope of PRN 98-10. The label submitted with the application has been stamped "Notification" and will be placed in our records.

If you have any questions, please call me directly at 703-305-6249 or Joyce Edwards of my staff at 703-308-5479.

Sincerely,

Linda Arrington

Notifications & Minor Formulations Team Leader Registration Division (7505P)

Office of Pesticide Programs



(Front Panel)

## Bayer Advanced Lawn Herbicide 2Q Ready-To-Use

#### FOR OUTDOOR RESIDENTIAL USE ONLY

Active Ingredients:	
2,4-D, dimethylamine salt	0.313%
Quinclorac	0.104%
Dicamba, dimethylamine salt	0.029%
Other Ingredients	<u>99.554%</u>
	100.000%

#### THIS PRODUCT CONTAINS:

- 2,4-dichlorophenoxyacetic acid equivalent, 0.260%
- 3,7-dichloro-8-quinolinecarboxylic acid, 0.104%
- 3,6-dichloro-o-anisic acid equivalent, 0.024%

Isomer specific by AOAC Method

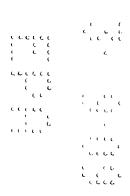
Note: If the design, format, or small size of the container labels makes it impractical to present the entire ingredient statement on the front panel, then add a referral statement and present this sub statement on the back panel: "See back panel for substatement of ingredient statement."

# KEEP OUT OF REACH OF CHILDREN CAUTION

See back panel for additional precautionary statements

Editorial Note - [Bracketed text] is optional language

Net 24 fl oz. (709 mL), 1 gal (3.78L) or 1.3 gal (4.91L)



#### (Back Panel)

Lawn Herbicide 2Q kills both broadleaf and grassy weeds in one easy step. The convenient formula kills dandelions, chickweeds, clovers, and crabgrass without harming your lawn. Ready-to-use – no mixing, no measuring, no messy cleanup. Rainproof in one hour. Controlling listed weeds in your lawn has never been easier!

#### **READ THE LABEL FIRST!**



QUICK FACTS			
Editorial Note – Marketing Claims Positioned Here			
KILLS	Broadleaf Weeds: Over 200+ types including Dandelions, Chickweeds, Clovers Grassy Weeds: Crabgrass, Foxtail and many others		
WHERE TO USE	ON LAWNS without harming lawn grasses- Bermudagrass*, Buffalograss, Kentucky bluegrass, Rye grass, Fescue, Zoysia, and Bentgrass †(Do not use on Bahiagrass, Carpetgrass, Centipedegrass, St. Augustine [including Floratam], or Dichondra.)		
<b>☆</b> □	For questions or comments, call toll-free 1-877 BayerAG (1-877-229-3724) or visit our website at <a href="https://www.BayerAdvanced.com">www.BayerAdvanced.com</a>		

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EPA Reg. No. 72155-85

EPA Est. No. XXX-AA-XX

<sup>\*</sup>Application on Bermudagrass may cause temporary yellowing or discoloration but full recovery can be expected.



DIRECTIONS FOR U	SE
It is a violation of Federal I	aw to use this product in a manner inconsistent with its labeling.
HOW TO USE  Shake Well Before Use	Hold sprayer about 12 inches from weed, aim at center of weed and spray to lightly cover.
WHEN TO APPLY	Apply when the daily high temperature doesn't exceed 90° F (85° F for Bermudagrass).
[FOR BEST RESULTS]	flowers, ground covers, shrubs & trees).]  [Repeat application in 2 weeks if needed for hard-to-control weeds.]  [Do not apply while grass is emerging from winter dormancy.]  [Newly seeded lawns may be sprayed after the fourth mowing.]  [Bare spots may be seeded 4 weeks after using this product.]  [Do not mow for 1 – 2 days after spraying [to allow weed killer to move throughout the weed].  [Leave grass clippings on the lawn from the first 3 mowings after using this product. Do not use as compost or mulch.]  [Apply when weeds are young and actively growing]  [Rain or watering 1 hour after application will not wash away effectiveness]
	Add 1.6fl oz (3TBS) of [Alternate Brand Name of Lawn Herbicide 2Q Concentrate] to this empty 24 fl. oz.] container. Top off with water, screw the sprayer back on and shake well. Refill does not contain SmartTrack™ spray marker.
HOW IT WORKS	awn Herbicide 2Q contains three proven weed killers to control lawn weeds & crabgrass, roots and all. And it won't harm your lawn when used as directed. Weeds begin to die within [24] nours and are completely dead in 14 – 28 days.

Editorial Note - [Bracketed text] is optional language

[optional instructions for use with 1 gal sprayer]

# ATTACH SPRAYER Remove sprayer from bottle and extend hose. Open flip-cap on bottle. Insert hose and plug into flip-cap opening until it snaps into place. SPRAY AFTER USE Turn sprayer nozzle to X (off) position. Point sprayer downward and squeeze trigger repeatedly until liquid is released. Return sprayer to bottle. Sprayer will snap into place.



[optional instructions for use with battery-operated 1.3 gal sprayer]

• [Battery-operated trigger sprayer: This product is applied directly from the container using the battery-operated trigger sprayer. The sprayer is packaged with the battery installed. To use, remove the cap from the container, insert the pickup tube and thread cap attached to pickup tube to the container. Move the safety lock located below the trigger to the "ON" position. Pull trigger, waiting several seconds for fluid to prime. Adjust the sprayer tip to deliver coarse spray droplets. To store, move the safety lock located below the trigger to the "LOCK" position.]

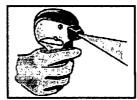


How to Attach Sprayer to Bottle • Remove Power Sprayer from side carrier.

- Pull battery tab to remove.
- Fully extend hose from bottom of sprayer.
   Open flip-cap on bottle.
   Insert hose and plug into flip-cap opening until it snaps into place.



How to Spray • Point Power Sprayer away from body.
• Adjust sprayer nozzle to desired setting. • Squeeze trigger to dispense product. Sprayer may require several seconds to prime before spraying.



After Use • Turn sprayer nozzle to X (off) position. Do not unplug hose. • Return Power Sprayer to side carrier for storage. • Do Not reuse Power Sprayer with any other product or on any other container.



#### Proper use of Batteries

- · Never mix old batteries with new.
- Do Not mix Alkaline with Standard (carbon zinc) or Rechargeable (nickel cadmium) batteries.
- When replacing batteries, follow diagram inside battery compartment.
- When storing sprayer at end of season, remove batteries to prevent leakage.
- Follow manufacturer's recommendations for disposal of batteries.

#### Kills over 200 weeds including:

Barnyardgrass

Black medic

**Broadleaf Signalgrass** 

Carpetweeds

Chickweeds

Clovers

Crabgrass

Creeping Charlie

Cudweed

Curly dock

Dandelion

English daisy

False dandelion

Field Bindweed

Filaree

Florida pusley

**Foxtails** 

Ground ivy

Heartleaf drymary

Henbit

Kikuyugrass

**Oxalis** 

Pennywort

**Plantains** 

Purslane

Red sorrel

Sheep sorrel

Speedwell

Spurges

Spurweed

Thistles

Toadflax

Wild carrot

Wild garlic

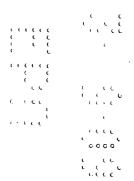
Wild geranium

Wild onion

& many other broadleaf weeds

(See appendix for a list of weeds

controlled)





Do not apply this product in a way that will contact any person or pet, either directly or through drift. Keep people and pets out of the area during application.

#### PRECAUTIONARY STATEMENTS

#### **CAUTION**

#### **Hazards to Humans and Domestic Animals**

- · Harmful if swallowed
- Causes moderate eye irritation.
- Avoid contact with eyes, skin, or clothing.
- When using this product, wear long-sleeved shirt, long pants, socks, shoes, and rubber gloves.

#### After using this product:

- Rinse gloves before removing and wash hands.
- If product gets on skin, wash thoroughly with soap and water
- If product gets on clothing, remove clothing as soon as possible and launder clothing separately before reuse.
- Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

FIRST AID +		
If Swallowed	<ul> <li>Call a poison control center or doctor immediately for treatment advice.</li> <li>Have person sip a glass of water if able to swallow.</li> <li>Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>Do not give anything by mouth to an unconscious person.</li> </ul>	
If in Eyes	<ul> <li>Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>Call a poison control center or doctor for further treatment advice.</li> </ul>	

**NOTE:** When calling poison control center, have this product label accessible. If seeking treatment at an emergency room or doctor's office, bring this product label to show medical personnel. **You may call toil-free 1-877-229-3763 for medical emergency information.** Active Ingredients: 0.313% 2,4-D, dimethylamine salt (CAS # 2008-39-1), 0.029% Dicamba, dimethylamine salt (CAS # 2300-66-5), 0.104% Quinclorac (CAS # 84087-1-4).

#### **ENVIRONMENTAL HAZARDS**

- This pesticide is toxic to fish & aquatic invertebrates. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. 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.
- This chemical has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical 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.

Important – Directions for Storage and Disposal		
Storage Conditions	Return spray nozzle to closed position. Store in original container in a cool, dry place, out of the reach of children, preferably a locked storage cabinet. Protect from freezing.	
Disposal <b>T</b>	Non-refillable container. Do not reuse or refill this container unless the directions for use allow a different (concentrated) product to be diluted in the container. Offer for recycling if available.	

**NOTICE**: Research and testing have determined that the "Directions for Use" are appropriate for the proper use of this product under expected conditions. The Buyer assumes responsibility for lack of performance or safety if not used according to the directions.

\*Money Back Guarantee: If you are not satisfied with this product, we will gladly refund your original purchase price.



A Business Group of Bayer CropScience, L.P. P.O. Box 12014, 2 T.W. Alexander Drive Research Triangle Park, North Carolina 27712

Lawn Herbicide 2Q (MASTER) Approved 04/14/08, Notification 05/29/08, Notification 07/02/08, Notification 14/14/08, Notification 02/17/09, Notification 03/06/09

#### **WEEDS CONTROLLED - Appendix**

Annual Yellow Sweetclover

Aster

Austrian Fieldcress Barnyardgrass Bedstraw Beggarticks

Bentgrass, Colonial Bentgrass, Seaside Betony, Florida

Bindweed, Field Bird Vetch

Bitter Wintercress Bittercress, Hairy

Bitterweed Black-eyed Susan Black Medic

Black Mustard Blackseed Plantain Blessed Thistle

Bloodflower Milkweed

Blue Lettuce
Blue Vervain
Bracted Plantain
Brassbuttons
Bristly Oxtongue
Broadleaf Dock
Broadleaf Plantain
Broadleaf Signalgrass

Broomweed Buckhorn

Buckhorn Plantain Bulbous Buttercup

Bulbous Butter Bull Thistle Bullnettle Burclover Burdock Burning Nettle

Burweed Buttercup Buttonweed Canada Thistle Carolina Geranium

Carpetweed
Catchweed Bedstraw

Catnip Catsear

Chickweed, Common Chickweed, Mouseear

Chickweed, Mouseea Chicory Cinquefoil Clover, Crimson Clover, Hop Clover, Red Clover, Strawberry

Clover, Sweet

Clover, White

Cockle Cocklebur

Common Mullein

Crabgrass, Large (Hairy) Crabgrass, Small (Smooth)

Creeping Charlie Creeping Jenny Cudweed

Curly Dock Daisy, English Daisy, Fleabane Daisy, Oxeye

Dandelion Dichondra Dogbane Dogfennel Dollarweed Elderberry

False Dandelion False Flax False Sunflower

Fiddleneck Florida Pusley Foxtail, Giant Foxtail, Green

Foxtail, Yellow Frenchweed Galinsoga Goathead Goldenrod Goosegrass

Ground Ivy

Gumweed Hairy Fleabane Hawkweed Healall

Heartleaf Drymary Heath Aster

Hedge Bindweed Hedge Mustard

Hemp Henbit Hoary Cress Hoary Plantain Hoary Vervain Horsenettle Jimsonweed Kikuyugrass Knawel Knotweed

Knotweed Kochia Lambsquarters Lespedeza Mallow Matchweed Mexicanweed Milk Vetch Morningglory

Mouseear Hawkweed

Mugwort Musk Thistle Mustard

Narrowleaf Plantain Narrowleaf Vetch

Nettle

Orange Hawkweed Oriental Cocklebur

Oxalis
Parsley-piert
Parsnip
Pearlwort
Pennycress
Pennywort
Peppergrass
Pepperweed
Pigweed

Pineywoods Bedstraw
Plains Coreopsis (Tickseed)

Plantain
Poison Ivy
Poison Oak
Pokeweed
Poorjoe
Prairie Sunflower

Prickly Lettuce
Prickly Sida
Prostrate Knotweed
Prostrate Pigweed
Prostrate Spurge
Prostrate Vervain

Puncturevine Purslane, Common Ragweed

Red Sorrel
Redroot Pigweed
Redstem Filaree
Rough Cinquefoil
Rough Fleabane
Russian Pigweed
Russian Thistle
Scarlet Pimpernel
Scotch Thistle
Sheep Sorrel
Shepherdspurse
Slender Plantain

Slender Plantain Smallflower Galinsoga Smooth Dock

Smooth Pigweed Sorrel Sowthistle Spanishneedles Speedwell Spiny Amaranth Spiny Cocklebur Spiny Sowthistle Spotted Catsear Spotted Spurge Sprangletop Spurweed Stinging Nettle

Strawberry, India Mock

Tall Nettle
Tall Vervain
Tansy Mustard
Tansy Ragwort
Tanweed
Thistle

Torpedograss
Trailing Crownvetch
Tumble Mustard
Tumble Pigweed
Velvetleaf

Velvetleaf
Venice Mallow
Virginia Buttonweed
Virginia Creeper
Virginia Pepperweed
Water Pennywort
Wavyleaf Bullthistle
Western Clematis
Western Salsify
White Mustard
Wild Aster

Wild Buckwheat
Wild Carrot
Wild Four-o'clock
Wild Garlic
Wild Geranium
Wild Lettuce
Wild Marigold
Wild Mustard
Wild Onion

Wild Parsnip
Wild Radish
Wild Rape
Wild Strawberry
Wild Sweet Potato
Wild Vetch
Wild Violet

Woodsorrel Wooly Croton Wooly Morningglory Wooly Plantain Wormseed

Yarrow Yeilow Rocket

Yellowflower Pepperweed and other broadleaf weeds

#### **Optional Marketing Claims - Appendix**

- Kills Lawn Weeds plus Crabgrass in One [Easy] Step
- All-in-One Weed Solution
- Kills Crabgrass plus Broadleaf Weeds
- Two Products in One!
- Effective [Broadleaf] Weed Protection
- Effectively Protects Lawns from Broadleaf Weeds
- Weed Kill System
- Kills Listed Weeds
- Kills [Hard-to-Control] [Tough] Weeds
- [Will Not] [Won't] Harm [Your] Lawn[s]†
- Kills the Weeds, Not the Lawn†
- All-in-One Lawn Weed Killer
- Kills to the Root
- Systemic [Herbicide] [Activity]
- Kills [Both] Broadleaf and [AND] Grassy Weeds [in One [Easy] Step]
- All-in-One Weed Killer for Lawns
- Gets the Root
- Dual Action Weed Control Kills the Plant and the Root
- 100% Root Kill
- Total Weed Kill
- Kills the Weed, Kills the Root
- Kills Weeds Not Lawns†
- Kills All Major Broadleaf Weeds
- Kills Weeds Won't Harm Lawns†
- Two-in-One Product that Kills Crabgrass & Broadleaf Weeds
- Kills both Crabgrass & Broadleaf weeds
- Double [Dual] [Two-Way] Action Kills Broadleaf and Crabgrass Weeds
- Kills Both Broadleaf and Crabgrass Weeds
- When You Are Going to Kill Weeds, Why Not Get Them All [Broadleaf & Grass]
- Kills Lawn Weeds Plus Crabgrass
- Two Types of Weeds; One Solution
- Kills Listed Weeds
- All-In-One Weed Killer
- Kills Even Tough Weeds roots & all
- Kills Dandelion, Crabgrass, Clover, Plus [200] Other Weeds
- Controls over 200 Broadleaf Weeds
- Kills 200+ Weeds
- Kills Over 200 Weeds
- Starts Working on Contact
- Unique Formula
- Fast Results
- Kills Crabgrass & Other Weeds in Your Lawn
- Ideal for Spot Treatment
- Visible Results
- Kills Weeds Fast
- New! [NEW] [to be used for 1<sup>st</sup> season only]
- Brand New [Formula] [to be used for 1<sup>st</sup> season only]
- Protects Against All Major Broadleaf Weeds
- Tough Weed Protection
- Weed Protection System
- SmartTrack™ Marker Shows Treated Weeds
- Contains SmartTrack™, a Non-Staining Marker [that Indicates Where You've Sprayed]
- Rainproof in [1] hour [s]
- Guaranteed\* Not to Harm Your Lawn†
- Guaranteed\* Results

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- Guaranteed\* Not to Harm Lawns†
- Kills Weeds the First Time, Every Time, Guaranteed\*
- 100% Satisfaction Guaranteed\* (or your money back)
- \*Money Back Guarantee: If you are not satisfied with this product, we will gladly refund your original purchase price.
- Refillable!
- [This Product is] For Spot Treatment Only
- 30% more\* (\* than 1 gallon size)
- [† When used as directed]

#### Optional claims - for use with battery-operated sprayer

- Easy to Use Power Sprayer
- Easy to Use
- No Pumping
- Battery Powered Sprayer
- Targets Weeds
- Fast Coverage
- Ideal for Small Areas
- No messy Cleanup
- Easy & Fast Coverage
- Faster [Coverage]Than Pull & Spray
- Just Point & Shoot
- Save Time & Energy
- Always Ready-To-Spray
- No More Squeeze, Squeeze, Squeeze
- The Easiest Way to Spray
- No Pulling Just Point &Shoot
- No More Tired Hands
- No [More] Hand Fatigue
- Revolutionary [Applicator] [Sprayer]
- Control Lawn Weeds plus Crabgrass in your lawn with ease!
- 30% more\* (\* than 1 gallon size)

NOTIFICATION ·

JUL 17 2009