

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

August 13, 2015

Norma C. Pangilinan, Ph.D. Bayer CropScience LP 2 T. w. Alexander Drive Research Triangle Park, NC 27709

Subject: Notification per PRN 98-10 – Change mixing directions; Add application

methods; Add marketing claims related to the new applications method; Update

Storage and Disposal section and other minor label changes.

Product Name: Lawn Herbicide 2Q Ready-To-Use

EPA Registration Number: 72155-85 Application Date: June 24, 2015

Decision Number: 506837

Dear Dr. Pangilinan,

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

If you have any questions, you may contact Karen Samek at (703) 347-8825 or via email at samek.karen@epa.gov.

Sincerely,

Kathryn Montague, Product Manager 23

Herbicide Branch

Registration Division (7505P) Office of Pesticide Programs

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NOTIFICATION

72155-85

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

08/13/2015

(Front Panel)

Bayer Advanced Lawn Herbicide 2Q Ready-To-Use

(ABN: Bayer Advanced All-in-One Lawn Weed & Crabgrass Killer^I 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>
Total:	100.000%

Editorial Note - [Bracketed text] is optional language

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 gallon (3.78L), 1.25 gallon (4.72 L) or 1.3 gallon (4.91L) or other appropriate sizes within this range

	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 a 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 further treatment advice.

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 toll-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).

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(Back Panel)

Bayer Advanced Lawn Herbicide 2Q Ready-To-Use 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.)	
☎ 🚨	For questions or comments, call toll-free 1-877 BayerAG (1-877-229-3724) or visit our website at www.BayerAdvanced.com	

Active Ingredients:	
2,4-D, dimethylamine salt	
Quinclorac	
Dicamba, dimethylamine salt	0.029%
Other Ingredients:	
Total:	100.000%

THIS PRODUCT CONTAINS:

- 2,4-dichlorophenoxyacetic acid equivalent, 0.260%
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Isomer specific by AOAC Method

EPA Reg. No. 72155-85

EPA Est. No. XXX-AA-XX

^{*}Application on Bermudagrass may cause temporary yellowing or discoloration but full recovery can be expected.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

- 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.

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.

DIRECTIONS FOR USE			
It is a violation of Federal law to use this product in a manner inconsistent with its labeling.			
HOW TO USE Shake Well Before Use	 Turn spray nozzle to coarse spray. Hold sprayer about 12 inches from weed, aim at center of weed and spray to lightly cover. Use this product only on established lawns. 		
WHEN TO APPLY	 Apply when weeds are [young[small] and] actively growing. Apply when the daily high temperature doesn't exceed 90° F (85° F for Bermudagrass). Rain or watering1 hour after application will not wash away effectiveness. 		
[FOR BEST RESULTS]	 [Apply when wind is calm to avoid spray drift onto desirable plants (fruits, vegetables, 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] [If lawn is dry, water 1 to 2 days before using this product. (Weeds take up herbicides best when not under stress).] 		

REFILL

[Option for refilling 24 fl oz bottle]

Add 1.6 fl oz (3TBS) of [Alternate Brand Name of Bayer Advanced 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.

[Option for refilling 1.3 gallon bottle]

- Open the refill port cap.
- Add 8.5 fl oz (17 TBS) of [Alternate Brand Name of Bayer Advanced Lawn Herbicide 2Q Concentrate to spray bottle.
- Fill sprayer with water to 1 gallon fill line.
- Replace cap, tighten, and shake well.

HOW IT WORKS

ver Advanced Lawn Herbicide 2Q Ready-To-Use 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] hours and are completely dead in 14 – 28 days.

[optional instructions for use with 1 gallon sprayer]

[For 1 gallon]





- · Open flip-cap on bottle.
- Insert hose and plug into flip-cap opening until it snaps into place.

Remove sprayer from bottle and extend hose.

SPRAY

- · Adjust nozzle to stream or spray position.
- Point sprayer downward and squeeze trigger repeatedly until liquid is released.



AFTER USE

- Turn sprayer nozzle to X (off) position.
- Do not unplug hose.
- Return sprayer to bottle. Sprayer will snap into place.

[Instructions for use with twin pack]



• Empty Bottle: Remove entire sprayer assembly from empty bottle by unscrewing the cap in a counter clockwise direction.



Full Bottle: Remove entire cap from full bottle by unscrewing in a counter clockwise direction.



• Full Bottle: Insert tube and attach entire sprayer assembly to full bottle; screw cap on securely in clockwise direction.

[optional instructions for use with battery-operated 1.3 gallon 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.]

[Option 1]



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.

[Option 2]



HOW TO ATTACH SPRAYER TO BOTTLE:

Remove Power Sprayer and hose from side carrier.

Replace bottle cap with cap attached to Power Sprayer hose.



PREPARE TO SPRAY:

Point Sprayer away from body.

Adjust nozzle to desired setting. [Do not turn past "X" position].

Slide safety switch to ON position.



SPRAY:

Squeeze trigger to dispense product. Sprayer may require several seconds to prime before spraying.

AFTER USE:

Slide safety switch to LOCK position. Return Power Sprayer to side carrier for storage.

4AA Batteries Included: For important battery information- see booklet $^{ extstyle Q}$



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 that is located at the bottom of the sprayer. When storing sprayer at end of season, remove batteries to prevent leakage. Follow manufacturer's recommendations for disposal of batteries.

[Option 3]

How To Use Your Sprayer:

- 1. Remove ERGO-GRIP spray wand from pocket
 - Remove wrap from coiled hose
 - Remove protective battery strip from sprayer handle



2. REMOVE STICKER
& CAP COVER



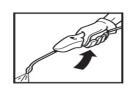
3. CONNECT HOSE TO CAP

Insert plug at end of coiled hose into hole on cap and push firmly until secure.

Remove sticker and cap cover before inserting hose plug.







4 AA Batteries
Included
For important
battery
information —
see booklet.

4. OPEN SPRAY WAND

 Unfold spray wand until it snaps into place

 Point spray nozzle away from body.

 Adjust spray nozzle to desired setting.

5. TURN POWER ON

Slide OFF-ON switch to ON position.

6. SQUEEZE

 Squeeze trigger to dispense product. Sprayer may require several seconds to prime before product is released.

Release trigger to stop spraying.

Storage

- Slide OFF-ON switch to OFF position.
- Do not unplug hose. Leave connected to cap.
- Turn spray nozzle to the off position.
- Fold spray wand down against sprayer handle.
- Return ERGO-GRIP spray wand to pocket for storage.

To Replace Batteries

- Open battery compartment [with a small screwdriver].
- Remove used batteries and replace with new batteries in correct position as indicated inside battery compartment.
- Securely close battery compartment door [and screw closed].

Proper use of Batteries

- Never mix old batteries with new.
- Do Not mix Alkaline with Standard (carbon zinc) or Rechargeable (nickel cadmium) batteries.
- When storing sprayer for long periods, remove batteries to prevent leakage.
- Dispose of used batteries according to manufacturer's instructions or in household trash.

Kills over 200 weeds includi Barnyardgrass	Field Bindweed	Red sorrel
Black medic	Filaree	Sheep sorrel
Broadleaf Signalgrass	Florida pusley	Speedwell
Carpetweeds	Foxtails	Spurges
Chickweeds	Ground ivy	Spurweed
Clovers	Heartleaf drymary	Thistles
Crabgrass	Henbit	Toadflax
Creeping Charlie	Kikuyugrass	Wild carrot
Cudweed	Oxalis	Wild garlic
Curly dock	Pennywort	Wild geranium
Dandelion	Plantains	Wild onion
English daisy	Purslane	& many other broadleaf weeds
False dandelion		(See appendix for a list of weeds controlled)



Do not apply this product in a way that will contact any person, pet either directly or through drift. Keep people and pets out of the area during application. Do not allow people or pets to enter the treated area until spray has dried.

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 Container Handling	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. If empty: Offer for recycling, if available. If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.	

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.

Produced for



A Division Business Group of Bayer CropScience, L.P.

P.O. Box 12014, 2 T.W. Alexander Drive

Research Triangle Park, North Carolina 27712

Bayer Advanced Lawn Herbicide 2Q Ready-To-Use (PENDING) 04/08/2015, 05/12/2015, 06/17/2015, 06/19/2015, 06/22/2015, 06/24/2015, 07/29/2015, 07/31/2015, 08/06/2015

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 Bull Thistle

Bullnettle
Burclover
Burdock
Burning Nettle
Burweed
Buttercup

Buttonweed Canada Thistle Carolina Geranium Carpetweed

Catchweed Bedstraw Catnip

Catnip

Chickweed, Common Chickweed, Mouseear

Chickweed, Mou 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)

Plains Coreopsis
Plantain
Poison Ivy
Poison Oak
Pokeweed
Poorjoe
Prairie Sunflower

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

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 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
Venice Mallow
Virginia Buttonweed
Virginia Creeper

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 Garriot
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
Yellow Rocket

Yellowflower Pepperweed and other broadleaf weeds

Optional Marketing Claims - Appendix

- Kills Lawn Weeds plus Crabgrass in One [Easy] Step
- Kills Crabgrass plus Broadleaf Weeds
- Two Products in One!
- Effective [Broadleaf] Weed Protection
- Effectively Protects Lawns from Broadleaf Weeds
- Kills Listed Weeds
- Kills [Hard-to-Control] [Tough] Weeds
- [Will Not] [Won't] Harm [Your] Lawn[s]† (when used as directed)
- Kills the Weeds, Not the Lawn†
- Kills to the Root
- Systemic [Herbicide] [Activity]
- Dual Action Weed Control Kills the Plant and the Root
- 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
- Kills Lawn Weeds Plus Crabgrass
- Two Types of Weeds; One Solution
- Kills Listed Weeds
- Kills Even Tough Weeds To the root
- 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 1st season only]
- Brand New [Formula] [to be used for 1st season only]
- Protects Against All Major Broadleaf Weeds
- Tough Weed Protection
- 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
- 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]
- 25% more* (*than 1 gallon size)
- XX% more* (*than XX size)

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)
- 25% more* (*than 1 gallon size)
- XX% more* (*than XX size)
- ERGO-GRIP Spray Wand
- Grip controlled sprayer reduces hand fatigue
- Grip control make it easier to spray
- Contours and grip control reduce hand fatigue
- Contours and grip control make it easy to spray
- Contours and grip control take the pressure off your hands
- Contours and grip control for better comfort
- Grip controlled sprayer for your comfort
- Grip control and contours for easier spraying
- Contoured grip control for your comfort
- Contoured grip control reduces hand fatigue
- Comfortable, accurate, easy to store
- Designed for comfort, accuracy, easy storage