

100-1331

6/29/2009

10A13



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

OFFICE OF  
PREVENTION, PESTICIDES  
AND  
TOXIC SUBSTANCES

Thomas Parshley  
Syngenta Crop Protection Inc.  
P.O. Box 18300  
Greensboro, NC 27419

G-29-09

Subject: EPA Reg. 100-1331 / Glyphosate/Diquat/Prodiamine EW Concentrate Label  
Amendment

The labeling referred to above is acceptable.

A stamped copy of the label is enclosed for your records. This label supercedes all previously  
accepted labels. If you have any questions please call Erik Kraft at 703-308-9358 or email at  
Kraft.Erik@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Erik Kraft".

Jim Tompkins  
Product Manager 25  
Herbicide Branch  
Registration Division (7505P)

20F13

Glyphosate Diquat Prodiamine EW Concentrate

Herbicide

[Complete] [Weed and Grass Killer,] [Fence and Yard Edger]

Active Ingredients:

Glyphosate .....	15.00%
Diquat dibromide .....	1.04%
Prodiamine* .....	0.75%
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Other Ingredients:	83.21%
Total:	100.00%

\*CAS No. 29091-21-2

**KEEP OUT OF REACH OF CHILDREN.**

**CAUTION**

See additional precautionary statements and directions for use [on back of container] [in booklet].

EPA Reg. No. 100-1331

EPA Est.

- [8 fl. oz.] [0.5 pts.] [0.5 pint] [½ pint] [(237 mls.)]
- [16 fl. oz.] [1 pt.] [1 pint] [(473 mls.)]
- [32 fl. oz.] [1 qt.] [1 quart] [(946 mls.)]
- [38.4 fl. oz.] [1.2 qts.] [1.2 quarts] [(1136 mls.)]
- [64 fl. oz.] [2 qts.] [2 quarts] [0.5 gals.] [½ gallon] [(1,893 mls.)]
- [128 fl. oz.] [1 gal.] [1 gallon] [(3,785 mls.)]

Net Contents

**ACCEPTED  
with COMMENTS  
in EPA Letter Dated:**

6-29-09

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

100-1331

<b>FIRST AID</b>
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-888-8372 [alternate phone number] for emergency medical treatment information.
<b>HOT LINE NUMBER</b>
For 24 Hour Medical Emergency Assistance (Human or Animal) or Chemical Emergency Assistance (Spill, Leak, Fire, or Accident), Call <b>[1-800-888-8372] [Alternate Phone Number]</b>

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals**

**CAUTION**

Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

**User Safety Recommendations**

- Clothing and protective equipment 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.
- Users should remove clothing immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

**Environmental Hazards**

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

**CONDITIONS OF SALE AND DISCLAIMERS OF WARRANTY AND LIMITATIONS OF LIABILITY**

**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Disclaimers of Warranty and Limitations of Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

Syngenta warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, when used in accordance with the directions under normal use conditions. You assume any and all risk of using, storing, or handling this product contrary to label instructions, or under abnormal conditions or conditions not reasonably foreseeable to Seller or Syngenta. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, NEITHER SYNGENTA NOR SELLER MAKE ANY WARRANTY OF MERCHANTABILITY NOR ANY OTHER EXPRESS OR IMPLIED WARRANTIES EXCEPT AS STATED ABOVE.**

To the extent consistent with applicable law, in no event shall Syngenta or Seller be liable for any incidental, consequential, or special damages resulting from the use, storage, or handling of this product.

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## DIRECTIONS FOR USE

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

- Read entire label before using this product.
- People and pets may re-enter after the treated area has been allowed to dry.

### Application Restrictions

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

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### HOW IT WORKS

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[Unique] [Three way-action:] Kills tops. Kills roots. Keeps weeds from coming back. One ingredient provides fast control on contact. Another ingredient is absorbed into the plant and moves to the root, killing weeds down to the root. The third ingredient keeps weeds from emerging and establishing again.

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### WHERE TO USE

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- [Around perennial landscape plants, shrubs, or trees]
- [Patios, walkways, driveways]
- [Gravel or mulch beds]
- [Along fences, around buildings]
- [Other landscaped areas in your yard]

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### HOW TO MIX

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- [Shake gently before using.]
- Use a tank sprayer made of plastic, fiberglass, plastic lined steel, or stainless steel.
- Do not mix, store, or apply with a galvanized or unlined steel (except stainless steel) sprayer.

- For established and difficult to control weeds, add 5 fl. oz. (10 tablespoons) to 1 gallon of water.
  - Spot treat or spray uniformly over 300 sq. ft.
- For easy to control weeds, such as seedling weeds, add 2.5 fl. oz. (5 tablespoons) to 1 gallon of water.
  - Spot treat or spray uniformly over 300 sq. ft.
- **[squeeze and pour container only]** To use the squeeze and pour bottle, remove cap and inner seal from the calibrated [dosing] [measuring] chamber. Gently squeeze bottle to fill chamber to the appropriate [level] [dose]. Pour [Glyphosate Diquat Prodiamine Garden Concentrate] [concentrate] directly into sprayer and slowly add the appropriate amount of water. Replace cap.
- To clean sprayer, rinse sprayer and all parts with water three times. Spray rinse water on bare soil or gravel.

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#### HOW TO APPLY

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- Spray only the weeds you want to kill. Spray until thoroughly wet.
- To control established weeds, apply when weeds are actively growing.
- [Be sure to spray the entire area you wish to control weeds, not just the weeds you see.]
- [Apply [insert brand name] to both existing weeds and [ground beneath] [weed-prone areas] where weeds have not yet appeared.]
- [IMPORTANT: To [create a preemergent barrier and] prevent new weeds and grasses from appearing, [spray] [treat] the entire area you want to remain free of weeds, as well as the weeds already present.
- Apply when weeds are small and before seeds form. Established weeds may require re-treatment.
- Optimal results are generally obtained when the air temperature is above 60°F.
- Apply when air is calm to prevent drift to desirable plants.
- **[Note:** Application will result in a temporary yellow coloration of the area sprayed, [which will allow you to see where you have treated.] [To hasten fading, rinse area with hose at least 24 hours after application.]

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## WHAT TO EXPECT

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- Sprayed weeds usually begin to [die] [wilt] within hours after application.
- Complete kill in 1-2 weeks.
- Rain and waterproof in [10 minutes] [30 minutes or less].
- Perennial landscape plants, trees, and shrubs may be planted 1 day after application.
- If needed, re-apply to established weeds approximately 2 weeks after initial application.

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## PROTECT DESIRABLE PLANTS

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- Do not spray plants or grasses you desire to keep. You may use a cardboard or plastic shield to protect desirable plants from spray.
- If desirable plants are accidentally sprayed, rinse them off immediately with plenty of water.
- Not recommended for spot weed control in lawns since lawn grasses will be killed.

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## SPECIFIC USES - DIRECTIONS

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### Kudzu

- Apply in mid- to late summer when vines are mature and actively growing.

### Wild Blackberry

- Spray anytime plants are actively growing. Reapplication is often required for optimal control.

### Poison Ivy and Poison Oak

- Contact with these plants anytime of the year can cause an allergic reaction.
- Spray anytime plants are actively growing, but at least 4 weeks before the first killing frost in the fall. Reapply if new growth appears.

- Handle dead plants with rubber gloves. Dispose of plants and rubber gloves in tightly sealed garbage bags.



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**WEEDS CONTROLLED [Optional]**


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Alder	Crotalaria, Showy	Lantana	Ryegrass, Annual
Anoda, Spurred	Croton, Tropic	Lettuce, Prickly	Ryegrass, Perennial
Artichoke Thistle	Crowfootgrass	Little barley	Sandbur
Aspen, Quaking	Dandelion	London rocket	Sandspur
Bahiagrass	Dallisgrass	Lovegrass, Diffuse	Shattercane
Barnyardgrass	Devil's-claw (unicorn plant)	Maiden Cane	Shepherdspurse
Bassia, Fivehook	Dewberry	Mallow	Sicklepod
Beggarweed	Dock, Curly	Mayweed	Signalgrass, Broadleaf
Bentgrass	Dwarf dandelion	Medic, Black	Smartweed
Bermudagrass	Eastern Mannagrass	Milkweed	Smooth Cat's Ear
Bindweed, Field (Wild Morningglory)	Elderberry	Morningglory	Sowthistle
Bittercress	False Dandelion	Mullein, Common	Spanishneedles
Blackberries	Falseflax, Smallseed	Multiflora Rose	Speedwell
Bluegrass, Annual	Fennel, Dog	Mustard	Sprangletop
Bluegrass, Bulbous	Fescues	Nightshade	Spurge
Bluegrass, Kentucky	Fescue, Tall	Nimblewood	Spurry, Umbrella
Brassbuttons	Fiddleneck	Nutsedge	Starthistle, Yellow
Bristly Starbur	Filaree	Oak species	St. Augustinegrass
Brome, Downy	Fleabane	Oldenlandia	Stinkgrass
Brome, Japanese	Florida Beggarweed	Orchardgrass	Sumac
Bromegrass	Foxtails	Oxalis	Sunflower, Common
Buffalobur	Goatgrass, Jointed	Pampasgrass	Toadflax, Blue
Burcucumber	Goosefoot, Nettleleaf	Panicum, Browntop	Thistle, Russian
Burgherkin	Goosegrass	Panicum, Fall	Thistle, Canada
Buttercup	Groundcherry	Panicum, Texas	Timothy
Camphorweed	Groundsel, Common	Pennycress, Field	Torpedograss
Canarygrass	Guineagrass	Pennywort	Trumpetcreeper
Carolina Geranium	Hemp Sesbania	Pigweed	Vaseygrass
Carpetweed	Henbit	Plantain	Velvetleaf
Cattail	Honeysuckle	Poinsettia, Wild	Virginia Copperleaf
Ceanothus	Hophornbeam	Prickly Sida (Teaweed)	Virginia Creeper
Cheat	Copperleaf	Primrose	Virginia Pepperweed
Chervil	Horsenettle	Puncturevine	Waterhemp
Cherry species	Horseweed/Marestail	Purslane, Common	Whiteweed
Chickweed	Iceplant	Pusley, Florida	Wild Barley
Citron melon	Itchgrass	Rabbitfootgrass	Wild Buckwheat
Clover, Bur	Jimsonweed	Poison Ivy	Wild Oats
Clover, Red	Johnsongrass	Poison Oak	Wild Proso Millet
Clover, White	Junglerice	Poison Hemlock	Wild Sweet Potato
Cocklebur, Common	Kikuyugrass	Quackgrass	Willow
Coffee Senna	Knapweed	Ragweed	Witchgrass
Cogongrass	Knotweed	Ragwort, Tansy	Woolly Cupgrass
Coyote Brush	Kochia	Raspberry	Yellow Rocket
Creeping Charlie	Kudzu	Redweed	Zoysia
Crabgrass	Lambsquarters	Rockpurselane	
		Redmaids	

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**PREEMERGED WEEDS CONTROLLED [Optional]**

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Barnyardgrass	Henbit	Purslane, Common
Bluegrass, Annual ( <i>Poa annua</i> )	Itchgrass	Pusley, Florida
Carpetweed	Johnsongrass (from seed)	Rescuegrass
Chickweed, Common	Junglerice	Shepherd's Purse
Chickweed, Mouseear (from seed)	Knotweed	Signalgrass, Broadleaf
Crabgrass (Large, Smooth)	Kochia	Speedwell, Persian
Crowfootgrass	Lambsquarter, Common	Sprangletop
Cupgrass, Woolly	Lovegrass	Spurge, Prostrate
Foxtails, Annual	Panicum (Texas, Fall, Browntop)	Witchgrass
Goosegrass	Pigweed	Woodsorrel, Yellow (from seed)

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**STORAGE AND DISPOSAL**

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Do not contaminate water, food, or feed by storage and disposal.

**Pesticide Storage**

Store in a cool, dry place. Keep container closed and away from food, feedstuffs, and domestic water supplies.

**Container Disposal (consumer products)**

**If empty:** Do not reuse this container. Place in trash or offer for recycling if available.  
**If partly filled:** Call your local solid waste agency or 1-800-888-8372 [Alternate phone number] for disposal instructions. Never place unused product down any indoor or outdoor drain.

**Pesticide Disposal [Bulk and Mini-Bulk]**

Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA regional office.

**Container Disposal [Bulk and Mini-Bulk]**

Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

### **Residue Removal [Bulk and Mini-Bulk]**

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 ¼ 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. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

### **Comprehensive List of Marketing Claims [Optional]**

- Absorbed into both broadleaf and grass weeds.
- Before [weed graphic] After [weed graphic]
- Experience the [Glyphosate Diquat Prodiamine EW Concentrate] Advantage ([peel back this panel for details] [see details inside/underneath this booklet] [see details on back panel])
- Kills [annual and perennial] weeds, grasses and other unwanted plants.
- Multipurpose grass and [broadleaf] weed control [with residual weed control].
- For general weed control - kills weeds and grasses in [1-2 weeks] [2-4 weeks] - roots and all.
- [Proven] [Trusted] performance
- Guaranteed effective: Kills over 200 types of weeds and grasses, roots and all with just one application.
- One application kills over 200 types of weeds and grasses, roots and all.
- Kills over 200 weeds
- Kills [to] the root
- Kills [the toughest weeds and grasses to] the root so [weeds] [they] don't come back.
- Kills the root so weeds don't come back.
- Kills the roots of [both] broadleaf and grass weeds.
- Kills the weed you see and the root [you don't].
- Kills unwanted weeds and grasses, roots and all.
- Kills weeds, roots and all.
- No root. No weed. No Problem.
- Provides maximum control: Kills weeds to the root so they don't come back.
- Speeds absorption to the root for complete kill.
- Keeps Crabgrass From Emerging
- Controls Crabgrass and Broadleaf Weeds [Before They Germinate]
- Controls Crabgrass and Other Grass Weeds [Before They Germinate]
- Contains Barricade® [Preemergent Herbicide]
- Begins [absorbing] [working] on contact.
- Dead [weeds] in a day.
- For weeds that are dead in [a] [one] day.
- [Next day] [This weekend] results: [Begins] [Starts] killing on contact, visible results in [4 hours] [24 hours] [hours].
- [Visible] [See] results in [4] [24] hours.
- Works in hours.
- Starts [to kill] [working] immediately.

- Absorbs on contact, starts working immediately.
- Begins to kill on contact.
- Works when absorbed by the foliage of weeds.
- Ideal for killing unwanted weeds and grasses throughout your yard.
- Use along fences; in cracks of walks, drives and patios; and around perennial beds, trees and shrubs.
- Kills weeds around perennial beds, around trees, shrubs and fences, and on patios, paths, sidewalks, sidewalk cracks, walkways, driveways, and other areas in your yard.
- Can be used [almost] anywhere weeds and grasses grow, including patios, walkways, and driveways; along fences; in landscaping beds; or around perennials, shrubs and trees.
- Kills weeds and grasses in - Patios - Driveways - Sidewalks - Ornamental Gardens and other non-lawn areas.
- [Spray weeds] [Use] in perennial beds, around trees, shrubs and around fences, and on patios, paths, sidewalks, sidewalk cracks, walkways, driveways, and other areas in your yard.
- [Use] For General Weed Control: Use along fences, paths, patios, sidewalks and driveways, around trees, shrubs, ornamental plantings, perennial beds and buildings, and in brick and gravel walkways.
- Use to trim and edge landscape areas.
- [Use] For Spot Spraying: Use in and around perennial beds, ornamental trees, shrubs, fences, driveways and walkways.
- For control that [doesn't] [won't] wash away.
- Guaranteed effective results even if it rains within hours.
- Won't be washed away by rain or watering [10 min] [30 min] [60 min] [1 hour] after treatment.
- Rainfast in [10 min] [30 min] [60 min] [1 hour]
- Rain and waterproof in 30 minutes [or less].
- Once it enters the plant, it won't wash off.
- Rainfast in minutes - enters the plant on contact.
- Won't wash off.
- Won't wash away.
- Triple-Action [formula]
- Concentrated for extra value.
- Economical concentrate formula.
- Economical
- Exclusive formula
- Fast-acting [formula]
- Fast-acting formula moves to the root more quickly.
- Quick kill formula
- Contains [IQ™] [In Quick] [Technology]
- [IQ™] [In Quick] Technology speeds [Glyphosate Diquat Prodiamine EW Concentrate] to the root to kill even tough weeds.
- Concentrated formula
- Improved formula. Completely kills even the toughest weeds and grasses.
- Make only what you need.
- Easy to apply with a tank or [hand-held] sprayer.

- Exclusive [patented] [formula] [technology] kills to the root so weeds don't come back.
- NEW!
- Water-based formula
- No odor
- Treats up to xxxx sq. ft.
- Makes up to xxxx gallons
- Guaranteed [We Guarantee It] [or Your Money Back]
- Dead Weeds Guaranteed [or Your Money Back]
- Satisfaction guaranteed or we will gladly refund purchase price.
- Satisfaction guaranteed or your money back with proof of purchase.
- Stronger
- Weatherproof
- Provides season-long control [of weeds and grasses]
- One application for season-long control
- One application lasts all season
- Controls weeds [up to 3 months] [up to 4 months] [up to 3-4 months]
- Provides up to 4 months control of weeds [and grasses]
- Squeeze and Measure [no touch] [precise dosing] [easy dose] [no mess] [easy cleanup]
- Easy Dose System [no touch] [easy to measure] [no mess] [easy cleanup]
- Easy Pour [ing] [System] [no touch] [easy to measure] [no mess] [easy cleanup]
- Larger Size – [xx% More!] [covers xxx square feet]
- Larger Size [38.4 oz.] – Concentrate and Hose End
- Special Value [Larger Size] [xx% more]
- Compare and Save [larger size] [xx% more!]

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For non-emergency (e.g. current product information) call  
 Syngenta Crop Protection at 1-800-334-9481.

Manufactured for:  
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 Greensboro, North Carolina 27419-8300

Glyphosate Diquat Prodiamine EW Conc 1331 MAS AMEND 0609 - bb - 6-17-09

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