

100-1344

03-10-2011

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

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Thomas J. Parsley  
Syngenta Crop Protection, Inc.  
P.O. Box 18300  
Greensboro, N.C. 27419

MAR 10 2011

Dear Mr. Parsley:

SUBJECT: Label Amendment  
Diquat/Fluazifop P-Butyl/Dicamba ME Concentrate  
EPA Registration No. 100-1344  
Your Submission Dated December 3, 2010

The label amendment referred to above, submitted in accordance with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records. Please submit (1) copy of your final printed labeling before you release the product for shipment. This amended label supersede all previously accepted ones.

Sincerely yours,

A handwritten signature in black ink that reads "Kathryn V. Montague".

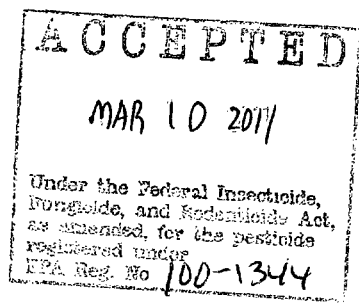
Kathryn V. Montague  
Product Manager (23)  
Herbicide Branch  
Registration Division (7505P)

Enclosure

Diquat/Fluazifop-P-Butyl/Dicamba ME Concentrate

Herbicide

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



Active Ingredients:

Diquat dibromide: .....	2.53%
Fluazifop-P-butyl: .....	0.84%
Dicamba, Dimethylamine salt: .....	0.67%
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Other Ingredients: .....	95.96%
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Total:	100.00%

KEEP OUT OF REACH OF CHILDREN.

CAUTION

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

EPA Reg. No. 100-1344

EPA Est.

SCP 1344A

- [0.5 pts.][1/2 pt.][8 fl. oz.] [(237 mls.)]
- [1 pt.][16 fl. oz.] [(473 mls.)]
- [1 qt.][32 fl. oz.] [(946 mls.)]
- [2 qts.][0.5 gals.][64 fl. oz.] [(1893 mls.)]
- [128 fl. oz.] [(3785 mls.)]
- [1 gal.] [(3785 mls.)]

Net Contents

<b>FIRST AID</b>	
<b>If on skin</b>	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>If inhaled</b>	<ul style="list-style-type: none"><li>• Move person to fresh air.</li><li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li><li>• Call a poison control center or doctor for further treatment advice.</li></ul>
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>	

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**PRECAUTIONARY STATEMENTS**

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**Hazards to Humans and Domestic Animals**

**CAUTION**

Avoid contact with skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

**Environmental Hazards**

This pesticide is toxic to aquatic invertebrates. 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 contaminate water when disposing of equipment wash waters or rinsate.

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

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**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.

## 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.
- Do not allow people or pets to touch treated plants or enter the treated area until sprays have dried.
- 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.
- Do not use measuring utensils such as cups and spoons for food purposes after use with pesticides.

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### HOW IT WORKS

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[[The three active ingredients in] [The dual action of] [The dual activity of]]  
Diquat/Fluazifop-P-Butyl/Dicamba ME Concentrate [provide[s] broad-spectrum control  
of] [kill[s]] [most] [common] [all types of] weeds and grasses. One ingredient works on  
contact with visible [results] [burn] within hours. The other two ingredients are absorbed  
and move within the plant, penetrating deep to kill down to the root.

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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]
- [Preparing landscaped areas]
- [Lawn renovation]

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## HOW TO MIX

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- [Shake gently before using.]
- Use a tank sprayer made of plastic, aluminum or stainless steel.
- For established and difficult to control weeds, add 10 fl. oz. ([1¼ cups] [20 tablespoons]) to 1 gallon of water.
  - Spot treat or spray uniformly over 350 sq. ft.
- [For easy to control weeds, such as seedling weeds] [For general weed control], add 5 fl. oz. ([½ cup + 2 tablespoons] [10 tablespoons]) to 1 gallon of water.
  - Spot treat or spray uniformly over 350 sq. ft.
- [To clean sprayer, rinse sprayer and all parts with water three times. Spray rinse water on bare soil or gravel.]

### Hose End Dial-Type Sprayer [Optional]

- Set sprayer to the fl. oz./gallon rate.
- Add enough Diquat/Fluazifop-P-Butyl/Dicamba ME Concentrate to spray your treatment area.
- Close sprayer, attach to hose and apply.

### Concentrate Plus Water Type Sprayer [Optional]

- Add Diquat/Fluazifop-P-Butyl/Dicamba ME Concentrate into the sprayer jar to the required fl. oz. level.
- Add the required amount of water to the gallons level.
- Replace sprayer top on jar and apply.

### Hose End Spray Product [Optional]

- [Shake container well before each use.]
- **Connect a garden hose** to the [Hose End Sprayer] nozzle. Make sure the dial on the hose end sprayer is in the "OFF" position [with the safety tab in the valve notch].

- **Turn on water at faucet.** Extend hose to the farthest area to be treated and work back toward the faucet so you don't come in contact with the treated area.
- **To begin spraying,** point nozzle toward treatment area and [1.) Bend the safety tab back with your thumb, 2.) Hold safety tab back while turning dial counter clockwise until it stops.] turn the hose end sprayer to the "ON" position. Water will automatically mix with the product. [Optional graphic of hose end sprayer]
- **Spray until wet.** Walk at a steady pace while spraying using an even sweeping motion, slightly overlapping treated areas.
- **To stop spraying,** quickly turn the [dial counter clockwise until it stops and the safety tab engages into the notch on the valve] [hose end sprayer to the "OFF" position]. Turn water off at faucet. To relieve pressure before removing nozzle from hose, [bend the safety tab back and turn dial "ON"] [turn the hose end sprayer to the "ON" position] until water stops spraying.

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#### HOW TO APPLY

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- Spray only the weeds you want to kill. Thoroughly wet the foliage to cover but do not spray to runoff.
- For best results, apply when weeds are actively growing and when the air temperature is above 60°F.
- Do not spray plants you desire to keep. You may use a cardboard or plastic shield to protect desirable plants from spray.
- Apply when air is calm to prevent drift to desirable plants.
- If desirable plants are accidentally sprayed, rinse them off immediately with plenty of water.
- Do not mow, cut or disturb treated vegetation for at least 7 days following application.
- Do not use on or around food or feed crops.

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#### WHAT TO EXPECT

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- Sprayed weeds usually begin to [wilt] [die] within hours after application, with complete kill within [days to] 1-2 weeks.

- A single application controls most listed weeds.
- Rainproof: rainfall or watering 15 minutes after application will not reduce weed control.
- Perennial landscape plants, trees, and shrubs may be planted 1 day after application.

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#### **LAWN RENOVATION/REPLACEMENT**

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Use Diquat/Fluazifop-P-Butyl/Dicamba ME Concentrate to kill grass and weeds before planting new lawn.

- Do not mow within [1 week] [7 days] before spraying or [1 week] [7 days] after spraying.
- Use 10 fl. oz. ([1¼ cups] [20 tablespoons]) to 1 gallon of water for each 350 sq. ft.
- If soil is dry, water every other day for a week before application.
- Wait 7 days after last application to rake, till, or replant with seed or sod.



**Weeds Controlled [Optional]**

Alder	Cupgrass, Southwestern	Mallow, Common	Pusley, Florida
Aspen, Quaking	Cupgrass, Woolly	Lantana	Quackgrass
Bahiagrass	Cudweed, Purple	Lettuce, Prickly	Rabbitfootgrass
Barley, Wild	Dallisgrass	Little Bitter Cress	Ragweed
Bedstraw	Dandelion	London Rocket	Ragweed, Common
Beggarweed	Dandelion, False	Lovegrass, Diffuse	Ragweed, Giant
Beggarweed, Creeping	Dewberry	Mallow, Venice	(Buffaloweed)
Beggarweed, Florida	Dock, Curly	Marestail (Horseweed)	Ragwort, Tansy
Bermudagrass	Dog fennel	Mayweed	Sandbur, Field
Bentgrass	(Cypressweed)	Medic, Black	Sandbur, Southern
Bindweed, Field	Eveningprimrose	Medic, Blue	Sandspur
Blackberry, Wild.	Eveningprimrose, Common	Milkweed	Sesbania, Hemp
Bluegrass	Eveningprimrose, Cutleaf	Morningglory, Ivyleaf	Shattercane
Bluegrass, Annual	Fennel	Morningglory, Tall	Shepherdspurse
Bluegrass, Kentucky	Fescue species	Morningglory, Wild	Sida, Prickly (Teaweed)
Brassbuttons	Fescue, Tall	Mullein, Common	Smartweed
Broadleaf Signalgrass	Fiddleneck	Mustard, Blue	Smartweed, Green
Bromegrass	Filaree	Mustard, Tansy	Smartweed, Pennsylvania
Bromegrass, Smooth	Foxtail	Mustard, Tumble	Smartweed, Swamp
Brownseed	Foxtail, Giant	Mustard, Wild	Smooth Cat's Ear
Brome, Downy	Foxtail, Green	Nimblewill	Sorghum alnum
Bur clover	Foxtail, Yellow	Nutsedge (Nutgrass)	Sourdock
Buttercup	Geranium, Wild	Nutsedge, yellow	Sowthistle
Buttercup, Roughseed	Goosegrass	Nutsedge, purple	Sowthistle, Annual
Buttercup, Tall	Groundsel, Common	Oats, wild	Sowthistle, Spiny
Carrot, Wild (Queen Anne's Lace)	Guineagrass, Seedling	Oldenlandia	Sprangletop
Catchfly, Nightflowering	Henbit	Orchardgrass	Spurge
Cattail	Horsenettle	Oxalis	Spurge, Garden
Ceanothus	Horseradish	Oxalis, yellow	Spurge, Leafy
Centipedegrass	Ironweed	Pampasgrass	Spurge, Prostrate
Chamomile, Corn	Iceplant	Panicum, Fall	Spurge, Spotted
Cheeseweed	Ironweed	Panicum, Texas	Starthistle, Yellow
Chickweed	Itchgrass	Paspalum	St. Augustine grass
Chickweed, Common	Johnsongrass	Pennycress, Field	Thistle, Artichoke
Chickweed, Mouseear	Johnsongrass, Rhizome	(Fanweed, Frenchweed, Stinkweed)	Thistle, Bull
Clover	Johnsongrass, Seedling	Pennywort	Thistle, Canada
Clovers (Annual)	Junglerice	Pigweed	Timothy
Clover, Red	Kikuyugrass	Pigweed, Prostrate	Toadflax, Blue
Clover, Sweet	Knapweed	Pigweed, Redroot	Torpedograss
Clover, White	Knapweed, Black	(Carelessweed)	Trumpetcreeper
Cockle, White	Knapweed, Diffuse	Pigweed, Rough	(Buckvine)
Cocklebur	Knapweed, Russian	Pigweed, Smooth	Vaseygrass
Cogongrass	Knapweed, Spotted	Pigweed, Tumble	Velvetleaf
Coral bead	Knawel	Plantain	Virginia Creeper
Crabgrass	Knotweed	Plantain, Broadleaf	Whitetop
Crabgrass, Hairy	Kochia	Plantain, Buckhorn	Wild Oats
Crabgrass, Large	Ladysthumb	Plantain, common	Wild Proso Millet
Crabgrass, Smooth	Lambsquarters	Puncturevine	Wirestem Muhly
Crabgrass, Southern	Lambsquarters, Common	Purslane	Witchgrass
Crabgrass, Tropical	Maiden Cane	Purslane, Common	Yarrow
Creeping Charlie	Mallow		Yarrow, Common
Cupgrass, Prairie			

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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 [Diquat/Fluazifop-P-Butyl/Dicamba ME 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
- 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 150] [over 175] types of weeds and grasses, roots and all, with just one application
- One application kills [over 150] [over 175] types of weeds and grasses, roots and all
- Kills [over 150][over 175] 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 grassy 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.
- Speeds absorption to the root for complete kill
- 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 [1 hour] [2 hours] [4 hours] [24 hours] [hours]
- [See] [Visible] results in [1] [2] [4] 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
- Overnight results
- 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 many places weeds and grasses grow, including patios, walkways, and driveways; along fences; in landscaping beds; or around perennials, shrubs and trees

- Kills grasses and [broadleaf] weeds in - Patios - Driveways - Sidewalks - Ornamental Gardens
- [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 [15 minutes] [30 minutes] after treatment
- Rainfast in [15 minutes] [30 minutes]
- Rain and waterproof in [15 minutes] [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
- Waterproof
- Weatherproof
- Triple-Action [formula]
- Dual-Action [formula]
- Dual Activity
- Concentrated for extra value
- Economical concentrate formula
- Economical
- Fast-acting [formula]
- Fast-acting formula moves to the root more quickly
- Quick kill formula
- 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
- Water-based formula
- Low 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

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Questions or Comments?  
Call [800 number] or visit our Website at [www.\_\_\_\_\_.com]

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Manufactured for:  
Syngenta Crop Protection, Inc.  
P.O. Box 18300  
Greensboro, North Carolina 27419-8300

SCP 1344A

Diquat-Fluazifop-P-Butyl-Dicamba ME Concentrate 1344 MAS AMEND 1210 – bb – 12-3-10

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Diquat-FluaZifop-P-Butyl-Dicamba ME Concentrate 1344 MAS AMEND-B 1210 – tb – 3-8-11 (made changes per EPA e-mail dated 3/4/11)

000100-01344.20101203-B.DIQUAT-FLUAZIFOP-P-BUTYL-DICAMBA-ME-CONC-AMEND-1210.pdf