



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg.
Number:

100-1179

Date of Issuance:

DEC 8 2003

NOTICE OF PESTICIDE:

Registration
 Reregistration

(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Touchdown Diquat Home
and Garden Concentrate

Name and Address of Registrant (include ZIP Code):

Syngenta Crop Protection, Inc.
P.O. Box 18300
Greensboro, NC 27419-8300

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with section 3(c)(7)(A) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) provided that you:

1. Submit the result of the ongoing storage and stability (830.6317) and corrosion characteristics (830.6320) studies once they are complete.
2. Submit/cite all data required for registration/reregistration of your product when the Agency requires all registrants of similar products to submit such data.
3. Make the labeling changes listed below before you release the product for shipment.
 - a. Add the phrase "EPA Registration No. 100-1179".
 - b. Under Storage and Disposal revise "Storage" to read "Pesticide Storage".
 - c. Revise your Container Disposal section to read as below. Refer to PR Notice 2001-6 and the EPA Label Manual for details.

"If empty: Do not reuse this container. Triple rinse, then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by incineration.

If partly filled: Call your local solid waste agency or [toll free number that meets the criteria of paragraph II E] for disposal instructions. Never place unused product down any indoor or outdoor drain.

Signature of Approving Official:

Deke K. Walters for James G. Tompkins

Date:

12/8/03

d. Add the statements below to your Application Procedures as per Diquat RED.

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

Submit three (3) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of labeling is enclosed for your records..

Touchdown® Diquat Home and Garden Concentrate

Herbicide

Weed and Grass Killer, Fence and Yard Edger

Absorbed into both broadleaf and grassy weeds

Absorbs on contact, starts working immediately

Approved for most (many) lawn and garden uses

Before (weed graphics) / After (weed graphics)

Begins absorbing on contact

Can reseed or sod lawns 1 to 3 hours after treatment

Concentrated for extra value

Contains IQ™ (In Quick) technology

Covers up to 300 sq ft per gallon of spray dilution

Dead Weeds Guaranteed

Dead Weeds Guaranteed or Your Money Back

Dead (weeds) in a day

Does not have soil activity

Economical

Economical concentrate formula

Easy to apply with a tank or (hand held) trigger sprayer

Exclusive Touchdown IQ (Touchdown) formula

Experience the Touchdown IQ (Touchdown) Advantage (peelback this panel for detail) (see details inside/underneath this booklet) (see details on back panel)

Fast-acting formula

Fast-acting formula absorbs to root more quickly

Faster than ever

Fastest Touchdown IQ (Touchdown) ever

For control that doesn't (won't) wash away

For general weed control - kills weeds and grasses in 2 - 4 weeks - roots and all

For weeds that are dead in a (one) day

Guaranteed same effective results even if it rains within hours

Guaranteed effective: Kills over 200 types of weeds and grasses, roots and all, with just one application

Guaranteed (we guarantee it)

Ideal for killing unwanted weeds and grasses throughout your yard. Use along fences; in cracks of walks, drives and patios; and around flower beds, trees and shrubs

Improved extra strength formula

Improved formula, completely kills even the toughest weeds and grasses

Kills almost all (annual and perennial) weeds, grasses and other unwanted plants

Kills existing weeds only, no residual activity in soil

Kills more weeds in more places

Kills over 100 weeds

Kills (to) the root

Kills (the toughest weeds and grasses) 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 in flowerbeds, around trees, shrubs and fences, and on patios, paths, sidewalks, sidewalk cracks, walkways, driveways, and other areas in your yard

Kills weeds, roots and all

Lawns and gardens can be reseeded or planted soon after treatment

Make only what you need

Multipurpose grass and broadleaf weed control

NEW!

Next day (this weekend) results: Begins killing on contact, visible results in 24 hrs

No odor

No root. No weed. No problem

NOW!

Once it enters the plant, it won't wash off

One application kills over 200 types of weeds and grasses, roots and all (maximum effectiveness)

Touchdown IQ (Touchdown) won't be washed away by rain or watering 2 hours (1 hour 30 min.) after treatment

Proven (trusted) performance; Touchdown IQ (Touchdown) works the first time, every time

Provides maximum control: Kills weeds to the root so they don't ever come back

Quick kill formula

Ornamental gardens can be reseeded or planted 1 to 3 hours after treatment

Rainfast in hours - enters the plant on contact

Touchdown IQ (Touchdown) can be used (almost) anywhere weeds and grasses grow, including patios, walkways, and driveways; along fences; in landscaping beds; or around flowers, shrubs and trees

Touchdown IQ (Touchdown) kills the weed you see and the root others leave behind

Touchdown IQ (Touchdown) exclusive (patented) formula (technology) kills to the root so weeds don't come back

Touchdown IQ (Touchdown) kills weeds and grasses in - Patios - Driveways -

Sidewalks - Ornamental Gardens and other non-lawn areas

Satisfaction guaranteed or we will gladly refund purchase price

Satisfaction guaranteed or your money back with proof of purchase

See results in hours

See results in 24 hours

Speeds absorption to the root for complete kill

Spray weeds (Use) in flowerbeds, around trees, shrubs and around fences, and on patios, paths, sidewalks, sidewalk cracks, walkways, driveways, and other areas in your yard

Starts to kill in hours

Starts working immediately (in hours)

Stronger

The best weed killer you can buy - guaranteed (we guarantee it)

The most effective weed (and grass) killer (you can buy)
 The strongest weed and grass killer you can buy: Guaranteed
 Superior results
 Transorb technology speeds Touchdown IQ (Touchdown) to the root to kill even tough
 weeds
 Concentrated formula
 (Use) For Brush Control
 (Use) For General Weed Control: Use along fences, paths, patios, sidewalks and
 driveways, around trees, shrubs, ornamental plantings, flowerbeds and buildings, and in
 brick and gravel walkways
 Use to trim and edge landscape areas
 (Use) For Spot Spraying: Use in and around flowerbeds, ornamental trees, shrubs,
 fences, driveways and walkways
 (Use) For Stumps
 (Use) For Wildlife Areas: Exotic or undesirable plants can be controlled to allow for
 planting or recovery of native plant species. Spot treatments can be made to selectively
 remove unwanted plants
 Visible effects are gradual wilting and yellowing advancing to complete browning and
 root destruction
 Water based formula
 Won't wash off
 Won't wash away
 Works first time, every time
 Works in hours
 Works only when absorbed by the foliage of weeds
[Promotional options]
 Save up to \$[X] or (your) next purchase
 Free weed guide inside
 Free [] with this purchase of Touchdown IQ (Touchdown) concentrate (quart) (1/2
 gallon) (gallon)
 FREE REFILL
 FREE SAMPLE
 SAMPLE NOT FOR SALE

Active Ingredient:	
Glyphosate: N-(phosphonylmethyl) glycine	13.40%
Diquat dibromide	0.73%
<hr/>	
Other Ingredients:	85.87%
Total:	100.00%

KEEP OUT OF REACH OF CHILDREN.

CAUTION

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See additional precautionary statements and directions for use inside booklet.

EPA Reg. No. 100-

EPA Est. No.

SCP

6 fl. oz., 13 fl. oz., 16 fl. oz., 32 fl. oz., 53.7 fl. oz., 64 fl. oz., 128 fl. oz.
U.S. Standard Measure

FIRST AID	
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 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.
If swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor for 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 inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
HOT LINE NUMBER For 24 Hour Medical Emergency Assistance (Human or Animal) Or Chemical Emergency Assistance (Spill, Leak, Fire or Accident), Call 1-800-888-8372	

ACCEPTED
with COMMENTS
In EPA Letter Dated:

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

DEC - 8 2003
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
100-1179

Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.

Environmental Hazards

This product 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 cleaning equipment or disposing of equipment or wash waters. Do not pour down a drain.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and 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.

The Directions for Use of this product should be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of Syngenta Crop Protection, Inc. or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Syngenta and Seller harmless for any claims relating to such factors.

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, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or Syngenta, and Buyer and User assume the risk of any such use. **SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.**

In no event shall Syngenta or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SYNGENTA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

Syngenta and Seller offer this product, and Buyer and User accept it, subject to the foregoing conditions of sale and limitations of warranty and of liability, which may not be modified except by written agreement signed by a duly authorized representative of Syngenta.

DIRECTIONS FOR USE

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

NONAGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Keep people and pets off treated areas until spray solution has dried.

STORAGE AND DISPOSAL

Storage

Store this product in its original container. Store product in a secure storage area. Protect from freezing. Do not contaminate water, food or feed by storage or disposal. Do not store near food or feed.

Container Disposal

Do not use container for any use other than as described on this label. Container is not safe for food, feed, or drinking water. Never pour product down any drain. Triple rinse, then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

GENERAL INFORMATION

Touchdown Diquat Home and Garden Concentrate is a nonselective foliar systemic herbicide used to control a broad spectrum of emerged grass and broadleaf weeds, both annual and perennial, **down to the roots**. Any product not absorbed by plants breaks down into natural materials without moving in or on the soil to untreated plants. Touchdown Home and Garden Concentrate may be used in the following areas:

- Along fences
- Around flowers, shrubs, or trees
- Lawn replacement
- Patios, walkways, driveways, gravel or mulch beds

- Stumps
- Other areas in your yard.

General Precautions and Application Restrictions

- Do not apply this product in a way that will contact any people or pets.
- Do not allow people or pets to enter treated areas or touch treated plants until sprays have dried

MIXING PROCEDURES

- Use a tank sprayer made of plastic, fiberglass, plastic lined steel, or stainless steel. Do not mix, store or apply in a galvanized or unlined steel sprayer, or through any irrigation system.
- For difficult to kill and established weeds, **add 6 fl. ozs. (12 tablespoons) to 1 gallon of water** for best results.
- Spot treat or spray uniformly over 300 sq. ft. When calculating coverage, one gallon treats 300 sq. ft.(or an area 15 feet by 20 feet).
- For easy to kill weeds, such as seedling weeds, **add 3 fl. ozs. (6 tablespoons) to 1 gallon of water** for each 300 sq. ft.

To clean sprayer, rinse sprayer and all parts with water three times. Spray rinse water on bare soil or gravel. After cleaning, sprayer may be used to apply other lawn or garden products.

APPLICATION PROCEDURES

When and How to Apply

- Spray only the weeds or grasses you want to kill. Spray weeds or grasses until thoroughly wet.
- For best results, apply to actively growing weeds during warm, sunny weather when air temperature is above 60°F.
- Apply when air is calm to prevent drift to desirable plants.
- Apply when weeds are small and before seeds form. Established weeds may require retreatment.

- Sprayed weeds usually begin to wilt within hours after application with complete kill in 1-2 weeks.
- When spot spraying, use a cardboard or plastic shield to protect desirable plants from being sprayed. If desirable plants are accidentally sprayed, rinse them off immediately with ample water.
- Rainproof: rainfall or watering 1 hour to 2 hours after application will not reduce weed control.

Vine Kill

- To kill vines growing up poles, or tree trunks with mature bark, cut vines to a height of 3-4 ft. and spray vines thoroughly.
- To kill vines climbing up shrubs, or tree trunks with green bark, cut vines at base and spray regrowth or stumps. Shield shrubs and green bark from spray drift with a sheet of cardboard or plastic.

Important Note:

- Do not spray plants or grasses you desire to keep. They may die too.
- Not recommended for spot weed control in lawns since lawn grasses will be killed.

Lawn Replacement

For lawn replacement, use Touchdown Home and Garden Concentrate to kill lawn and weeds before planting new lawn.

- Skip one mowing before spraying.
- Use 6 fl. ozs. (12 tablespoons) per gallon water for each 300 sq. ft.
- If soil is dry, water before application and again 2-3 days after application.
- If green patches remain after 7 days, reapplication may be necessary.
- Wait 7 days after last application to rake, till, or replant with seed or sod.

Stumps

- Cut living stumps as close to the ground as possible.
- Drive 3-5 holes into the freshly cut stump and pour undiluted product into each hole.

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Kudzu

- For best results, apply in mid to late summer when vines are mature and actively growing.

Wild Blackberry

- Spray anytime plants are actively growing. Dead canes should be cut down and removed. Reapplication is often required to kill deep roots.

Poison Ivy & 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.

When to Replant

Planting After Application	For These Plants
Wait until spray is dry on weeds before planting into treated area, usually 1-3 hours.	Ornamental flowers, trees and shrubs
Wait until spray is dry on weeds before planting into treated area, usually 1-3 hours.	Lawn Grasses

Touchdown® and the Syngenta logo are trademarks of a Syngenta Group Company

Notice: Buyer assumes all responsibility for safety and use not in accordance with directions. This product is sold only for uses stated on its label. This formula is covered by U.S. Patent No. 5,468,718.

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

Syngenta Crop Protection, Inc.
 Greensboro, NC 27409
www.syngenta-us.com

SCP

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