



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

February 24, 2021

Lisa Adamson  
Regulatory Manager  
Control Solutions, Inc.  
5903 Genoa Red Bluff  
Pasadena, TX 77507

Subject: Registration Review Label Mitigation for Quinclorac  
Product Name: QUALI-PRO-2DQ  
EPA Registration Number: 53883-334  
Application Dates: 01/29/2018  
Decision Numbers: 551420

Dear Ms. Adamson:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the Quinclorac Interim Decision, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

A copy of your label stamped "Accepted" is enclosed. Products shipped after 12 months from the date of this amendment must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6.

Page 2 of 2  
EPA Reg. No. 53883-334  
Decision No. 551420

If you have any questions about this letter, please contact DeMariah Koger by phone at 703-347-0425, or via email at [koger.demariah@epa.gov](mailto:koger.demariah@epa.gov).

Sincerely,

A handwritten signature in blue ink, appearing to read "Linda Arrington", with a stylized flourish at the end.

Linda Arrington, Branch Chief  
Risk Management and Implementation Branch 4  
Pesticide Re-Evaluation Division  
Office of Pesticide Programs

Enclosure

**ACCEPTED**

Feb 24, 2021

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 53883-334

# Quali-Pro<sup>®</sup> 2DQ

Herbicide

**Selective Broadleaf Weed Control in Turfgrasses Including Use on Golf Courses and Sod Farms. To Control Clover, Dandelion, Henbit, Plantains, Wild Onion and Many Other Broadleaf Weeds. Also for Highways, Rights-of-Way, and Other Similar Non-Crop Areas as Listed on This Label.**

<b>ACTIVE INGREDIENTS:</b>	<b>% BY WT.</b>
*Dimethylamine Salt of 2,4-Dichlorophenoxyacetic acid .....	40.00%
**Dimethylamine Salt of Dicamba (3,6-dichloro-o-anisic acid) .....	4.21%
*** Quinclorac: 3,7-dichloro-8-quinolinecarboxylic acid.....	3.30%
<b>OTHER INGREDIENTS:</b> .....	<u>52.49%</u>
<b>TOTAL:</b>	<b>100.00%</b>

Contains:

\*3.20 lbs. 2,4-Dichlorophenoxyacetic acid per gallon or 33.22%.

\*\*0.34 lbs. 3,6-dichloro-o-anisic acid per gallon or 3.50%.

\*\*\*0.32 lbs. 3,7-dichloro-8-quinolinecarboxylic acid per gallon or 3.30%

## KEEP OUT OF REACH OF CHILDREN

### DANGER — PELIGRO

**See inside booklet for additional Precautionary Statements and Directions for Use.**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

Manufactured for:  
**Control Solutions Inc.**  
5903 Genoa-Red Bluff  
Pasadena, TX 77507-1041

EPA Reg. No. 53883-334

EPA Est. No. xxxxxx

**NET CONTENTS: \_\_\_\_\_ GALS**

#### FIRST AID

<b>IF IN EYES:</b>	<ul style="list-style-type: none"> <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 treatment advice.</li> </ul>
<b>IF ON SKIN OR CLOTHING:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15 to 20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"> <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>• <b>DO NOT</b> induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• <b>DO NOT</b> give anything by mouth to an unconscious person.</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 SafetyCall<sup>®</sup> International (866)897-8050 for emergency medical treatment information.

**Note to Physician:** If in eyes, specialized ophthalmologic attention may be necessary. If swallowed, probable mucosal damage may contraindicate the use of gastric lavage. There is no specific antidote; treat symptomatically.

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
DANGER - PELIGRO**

Corrosive. Causes irreversible eye damage. Harmful if swallowed or absorbed through skin. Avoid contact with skin. **DO NOT** get in eyes or on skin or clothing.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Some materials that are chemical resistant to this product are barrier laminate, nitrile rubber, neoprene rubber, or Viton.

**All mixers, loaders, applicators, and other handlers must wear:**

- Long-sleeved shirt and long pants
- Shoes plus socks
- Protective eyewear (goggles, face shield, or safety glasses)
- Chemical-resistant gloves
- Chemical-resistant apron when mixing or loading, cleaning up spills or equipment, or otherwise exposed to the concentrate

See **ENGINEERING CONTROLS** for additional requirements.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. **DO NOT** reuse them.

**ENGINEERING CONTROLS**

When handlers use closed systems or enclosed cabs, in a manner that meets or exceeds the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

**USER SAFETY RECOMMENDATIONS**

**Users must:**

- Wash hands, face and arms thoroughly with soap and water before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. If pesticide gets on skin, wash immediately with soap and water.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. **DO NOT** reuse them.
- Remove and wash contaminated clothing before reuse.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish and aquatic invertebrates and may adversely affect nontarget plants. **DO NOT** apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. **DO NOT** contaminate water when disposing of equipment washwaters or rinsate.

This product 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.

**Groundwater Contamination:** Most cases of groundwater contamination involving phenoxy herbicides have been associated with mixing/loading and disposal sites. Caution must be exercised when handling 2,4-D pesticides at such sites to prevent contamination of groundwater supplies. Use of closed systems for mixing or

transferring this pesticide will reduce the probability of spills. Placement of the mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination.

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read the entire label before using this product. Use strictly in accordance with the label precautionary statements and directions.

**For use in New York State by spot treatment only. Spray only the weed not the entire lawn.**

This product is for use on ornamental turf lawns (residential, industrial, and institutional), parks, cemeteries, athletic fields, golf courses (fairways, aprons, tees, and roughs), and similar turf areas. Also for use on sod farms.

Use of this product in certain portions of California, Oregon, and Washington is subject to the January 22, 2004 Order for injunctive relief in Washington Toxics Coalition, et. al. v. EPA, C01-0132C, (W.D. WA). For further information, please refer to <http://www.epa.gov/espp/litstatus/wtc/index.htm>.

**DO NOT** apply this product in a way that will contact any person or pet either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

#### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry intervals. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

**DO NOT** enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 48 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated such as plants, soil, or water is:

- Coveralls over short-sleeved shirt and short pants
- Chemical-resistant gloves made of any waterproof material
- Chemical-resistant footwear plus socks
- Protective eyewear (goggles, face shield, or safety glasses)
- Chemical-resistant headgear for overhead exposure

#### NON-AGRICULTURAL 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.

**DO NOT** enter or allow people (or pets) to enter the treated area until sprays have dried.

#### PRECAUTIONS AND RESTRICTIONS

**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** apply by aerial application.

**DO NOT** apply more than 2 broadcast applications per year on turf.

**DO NOT** use this product in or near greenhouses.

**DO NOT** apply directly to or near water, storm drains, gutters, sewers, or drainage ditches.

**DO NOT** apply within 25 feet of rivers, fishponds, lakes, streams, reservoirs, marshes, estuaries, bays, and oceans.

**DO NOT** apply when windy.

To prevent product runoff, **DO NOT** overwater the treated area(s) or apply when raining or when rain is expected that day. Avoid broadcast and small spot treatment applications when temperatures exceed 90°F, as turf injury may occur.

Avoid applying during excessively dry or hot periods unless irrigation is used. For optimum results, turf must not be mowed for 1 to 2 days before and after application, **DO NOT** apply if rain is expected within 4 hours after the application, and delay irrigation cycle for 24 hours. Reseed no sooner than 3 to 4 weeks after application of this product. Failure to observe all precautions may result in injury to turf and/or susceptible plants.

Avoid mist to vegetables, flowers, ornamentals, shrubs, trees, and other desirable plants. **DO NOT** pour spray solutions near these plants.

**Chemigation Statement:** **DO NOT** apply this product through any type of irrigation equipment.

### SPRAY DRIFT MANAGEMENT

A variety of factors including weather conditions (e.g., wind direction, wind speed, temperature, relative humidity) and method of application can influence pesticide drift. The applicator must evaluate all factors and make appropriate adjustments when applying this product.

**Droplet Size:** When applying sprays that contain 2,4-D as the sole active ingredient, or when applying sprays that contain 2,4-D mixed with active ingredients that require a Medium or coarser spray, apply only as a Medium or coarser spray (ASAE standard 572) or a volume mean diameter of the 385 microns or greater for spinning atomizer nozzles.

When applying sprays that contain 2,4-D mixed with other active ingredients that require a Medium or more fine spray, apply only as a Medium or coarser spray (ASAE standard 572) or a volume mean diameter of 300 microns or greater for spinning atomizer nozzles.

#### **For Ground Applications:**

**Release Height:** **DO NOT** release spray at a height greater than 30 inches above the ground.

**Wind Speed:** **DO NOT** apply when wind speeds are greater than 10 mph at the application site. Only apply this product if the wind direction favors on-target deposition and there are not sensitive areas (including, but not limited to, residential areas, bodies of water, known habitat for nontarget species, nontarget crops) within 250 feet downwind. If applying a Medium spray, leave one swath unsprayed at the downwind edge of the treated field.

**Temperature Inversions:** If applying at wind speeds less than 3 mph, the applicator must determine if: a) conditions of temperature inversion exist, or b) stable atmospheric conditions exist at or below nozzle height. **DO NOT** make applications into areas of temperature inversions or stable atmospheric conditions.

**Susceptible Plants:** **DO NOT** apply under circumstances where spray drift may occur to food, forage, or other plantings that might be damaged or crops thereof rendered unfit for sale, use or consumption. Susceptible crops include, but are not limited to, cotton, okra, flowers, grapes (in growing stage), fruit trees (foliage), soybeans (vegetative stage), ornamentals, sunflowers, tomatoes, beans; and other vegetables, or tobacco. Small amounts of spray drift that might not be visible may injure susceptible broadleaf plants.

**Other State and Local Requirements:** Applicators must follow all state and local pesticide drift requirements regarding application of 2,4-D herbicides. Where states have more stringent regulations, they must be observed.

**Equipment:** All ground application equipment must be properly maintained and calibrated using appropriate carriers or surrogates.

*Additional requirements for ground boom application:*

**DO NOT** apply with a nozzle height greater than 4 feet above the application cite.

**Adjuvant Use:** When an adjuvant is to be used with this product, Control Solutions, Inc. suggests the use of a Chemical Producers and Distributors Association certified adjuvant.

**Drift Control And Defoaming:** For drift control and defoaming, use a quality defoamer.

**Fertilizer Use:** This product can be mixed with some liquid fertilizers or liquid iron metals. Because liquid fertilizer and liquid iron differ in pH, free ammonia content, density, salt concentration, and percentage of water, a compatibility test is recommended prior to mixing in application equipment. All state and/or federal regulations relating to the application of liquid fertilizers or liquid iron and this product must be strictly followed.

**WEEDS CONTROLLED BY QUALI-PRO 2DQ**

Alder	Creeping Jenny	Kochia	Red sorrel	Vervain
Annual yellow sweet clover	Crimson clover	Knawel	Redstem filaree	Vetch
Artichoke	Croton	Knotweed	Rough cinquefoil	Violet, wild
Austrian fieldcress	Cudweed	Lambsquarter	Rough fleabane	Virginia Buttonweed
Bedstraw	Curly dock	Lespedeza	Roundleafed marigold	Virginia creeper
Beggartick	Curly indigo	Locoweed	Rush	Virginia pepperweed
Biden	Dandelion	Lupine	Russian pigweed	Wavyleaf bullthistle
Bindweed	Dead nettle	Mallow	Russian thistle	Western salsify
Bird vetch	Dock	Marshelder	St. Johnswort	White clover
Bitterweed	Dollar weed	Matchweed	Scarlet pimpernel	White mustard
Bitter wintercress	Dogbane	Mexicanweed	Scotch thistle	Wild aster
Black-eyed Susan	Dogfennel	Milk vetch	Sheep sorrel	Wild buckwheat
Black medic	Elderberry	Mildweed blood flower	Shepherdspurse	Wild carrot
Black mustard	English daisy	Mugwort	Slender plantain	Wild four-o'clock
Black-seed plantain	Fall dandelion	Morningglory	Smallflower galinsoga	Wild garlic
Blessed thistle	False dandelion	Mouser chickweed	Smartweed	Wild geranium
Blue lettuce	False Flax	Musk thistle	Smooth dock	Wild lettuce
Blue vervain	False sunflower	Mustard	Smooth pigweed	Wild onion
Boxelder	Fiddleneck	Narrowleaf plantain	Sneezeweed	Wild parsnip
Bracted plantain	Field bindweed	Narrowleaf vetch	Southern wild rose	Wild radish
Brassbuttons	Field pansy	Nettle	Sowthistle	Wild rape
Bristly oxtongue	Fleabane (daisy)	Orange hawkweed	Spanishneedle	Wild strawberry
Broadleaf dock	Flixweed	Oxalis	Spatterdock	Wild sweet potato
Broadleaf plantain	Florida betony	Oxeye daisy	Speedwell	Wild vetch
Broomweed	Florida pusley	Parsley-piert	Spiny amaranth	Willow
Buckhorn	Frenchweed	Parsnip	Spiny cocklebur	Witchweed
Buckhorn plantain	Galinsoga	Pearlwort	Spotted catsear	Woodsorrel
Bulbous buttercup	Garlic Mustard	Pennycress	Spotted knapweed	Woolly morningglory
Bull nettle	Goathead	Pennywort	Spotted spurge	Woolly plantain
Bull thistle	Goatsbeard	Peppergrass	Spurge	Wormseed
Burdock	Goldenrod	Pepperweed	Spurweed	Yarrow
Burning nettle	Ground ivy	Pigweed	Stinging nettle	Yellow rocket
Blur ragweed	Gumweed	Pineywoods bedstraw	Stinkweed	Yellowflower
Burweed	Hairy bittercress	Plains coreopsis	Stitchwort	
Buttercup	Hairy fleabane	Plantain	Strawberry clover	
Canada thistle	Hawkweed	Poison hemlock	Sumac	
Carolina geranium	Heal-All	Poison ivy	Sunflower	
Carpetweed	Heartleaf drymary	Poison Oak	Sweet clover	
Catchweed bedstraw	Hedge bindweed	Pokeweed	Tall nettle	

Catsear	Hedge mustard	Poorjoe	Thistle	
Catnip	Hemp	Povertyweed	Tick trefoil	
Chickweed	Henbit	Prostrate spurge	Toad flax	
Chicory	Hoary cress	Prostrate vervain	Trailing crownvetch	
Cinquefoil	Horsetail	Puncture vine	Tumble Mustard	
Common chickweed	Indiana mallow	Purslane	Tumble pigweed	
Common mullein	Ironweed	Ragweed	Velvetleaf	
Common sowthistle	Jewelweed	Red clover	Venice mallow	
Corn chamomile	Jimsonweed	Redroot pigweed	Veronica	

**TURF, ORNAMENTAL** (golf courses, cemeteries, parks, sports fields, turfgrass, lawns, and other grass areas)  
**AND**  
**TURF** (grown for seed or sod)

**Application Rates**

SITE	USE RATE (FLUID OUNCES)	SPRAY VOLUME (GALLONS)	USE RATE (PINTS)	SPRAY VOLUME (GALLONS)
	PER 1000 SQUARE FEET		PER ACRE	
Bentgrass, Creeping (fairways) Bluegrass, Kentucky Fescue, Tall Ryegrass, Annual Ryegrass, Perennial	0.75 to 1.1	1 to 5	2 to 3	40 to 220

**USE DIRECTIONS:**

**Normal Applications:** Use the labeled rate and spray volume listed above.

**For Professional Lawn Maintenance:** Higher water volumes may be used when tank mixed with a turf fertilizer. Follow fertilizer labels for proper amount to add. When tank mixing, follow the most restrictive product label requirements.

**All grasses:** Use reduced rates if the grass is stressed from heat or drought.

SITE	USE RATE (FLUID OUNCES)	SPRAY VOLUME (GALLONS)	USE RATE (PINTS)	SPRAY VOLUME (GALLONS)
	PER 1000 SQUARE FEET		PER ACRE	
Bahiagrass Bermudagrass, Common Bermudagrass, Hybrid St. Augustinegrass Centipedegrass Zoysiagrass	0.37 to 0.9	1 to 5	1 to 2.5	40 to 220

**USE DIRECTIONS:**

**All grasses:** Use reduced rates if the grass is stressed from heat or drought.

**Warm season grasses:** Use reduced rates on warm season grass breaking winter dormancy and early green-up period in the spring. At this stage of growth some temporary discoloration may occur.

**If bermudagrass is dormant:** Up to 3 pints per acre may be used. Some hybrid bermudagrasses may be sensitive to this product. Contact your local extension service weed control specialist.

SITE	USE RATE (FLUID OUNCES)	SPRAY VOLUME (GALLONS)	USE RATE (PINTS)	SPRAY VOLUME (GALLONS)
	PER 1000 SQUARE FEET		PER ACRE	
Bentgrass (putting and bowling greens)	0.37 maximum	2 to 5	1 maximum	80 to 220

**USE DIRECTIONS:**

Apply on closely mowed bentgrass, preferably in May or mid-August through September. Slight turf yellowing will disappear after about one week.

On closely mowed golf course fairways and tees or bowling greens, apply when weeds are actively growing and temperatures are low. Exercise care to avoid over-application to prevent injury. Temporary discoloration may occur.

**NOTE:** Care must be taken to avoid overdosing bentgrass or injury may result. Large volumes of spray water



(i.e., one fluid ounce in 5 gallons of water per 1500 square feet) will aid in obtaining uniform coverage. If hand-type sprayers are used, it is preferable to use a single nozzle sprayer rather than a multiple nozzle boom as sideways application with a boom where the spray from more than one nozzle is allowed to fall on the same area will result in heavy local over-application and subsequent turf discoloration or injury.

**LOW VOLUME SPRAY APPLICATION EQUIPMENT**

EQUIPMENT	APPLICATION	USE RATE		USE DIRECTIONS
		FLUID OUNCES PER 1000 SQUARE FEET	PINTS PER ACRE	
Controlled Droplet Applicators (CDA), Atomizers, and Spinning Disk Applicators	Cool-season grasses	0.75 to 1.1	2 to 3	Use in sufficient water to assure coverage (1 to 4 gallons of water per acre is normal for this type of equipment). <b>DO NOT</b> overlap spray patterns.
	Listed warm-season grasses	0.37 to 0.9	1 to 2.5	Use in sufficient water to assure coverage (1 to 4 gallons of water per acre is normal for this type of equipment) and follow CDA spray instructions for cool-season grasses. Use reduced rates if grass is stressed from heat, drought, etc.
Lower Volume Equipment	Cool-season and listed warm-season grasses	.037 to 0.55	1 to 1.5	Use as little as 5 gallons of water per acre. Use only application equipment that is capable of spreading a uniform droplet, wetting each weed surface.

**RESTRICTIONS FOR ORNAMENTAL TURF AND GRASS GROWN FOR SEED OR SOD**

ae = acid equivalent

**Maximum Single Application Rate:** The maximum single application rate for quinclorac is 0.75 lbs.

a.i./acre. **Ornamental Turf (Postemergence):**

Maximum is 1.5 lbs. 2,4-D ae per application.

The maximum seasonal rate is 3.0 lbs. 2,4-D ae per acre, excluding spot treatments.

Make no more than two applications per year.

**Turf Grown for Seed/Sod (Postemergence):**

Maximum is 2.0 lbs. 2,4-D ae per acre per application.

Make no more than two applications per year.

Allow a minimum interval of 30 days between applications.

**NON-CROPLAND**

**(fence rows, hedge rows, roadsides, ditches, rights-of-way, utility, power lines, railroads, airports, and industrial sites)**

Applications to non-cropland areas are not applicable to treatment of commercial timber or other plants being grown for sale or other commercial use, for commercial seed production, or for research purposes.

**Roadsides** (including aprons and guardrails), rights-of-way and other similar noncrop areas: For control of broadleaf weeds, mix at a rate of 1 to 2 quarts of this product per acre in enough water to wet all parts of the foliage. This may require 50 to 300 gallons of water per acre. This mixture will cover 43,560 square feet. Thoroughly saturate all weeds with spray mixture. Apply anytime between the time when the plants come into full leaf (spring) to when the plants begin to go dormant. Best results are obtained when the weeds are young and actively growing. **DO NOT** cut weeds until herbicide is translocated throughout the plant causing root death. For small broadleaf weeds, use the lower rate. Heavy, dense stands require the higher rate with the high-water volume. For small (spot) applications with small tank sprayers, apply at the rate of 4 ounces of this product per gallon of water and spray to thoroughly wet all foliage.

## RESTRICTIONS FOR NON-CROPLAND

Annual/Perennial Control (Postemergence):

- Make no more than two applications per year.
- Maximum is 2.0 lbs. 2, 4-D ae per acre per application.
- Minimum of 30 days between applications.

For control of woody plants, apply to both stems and foliage anytime from the time foliage is fully matured to the time plants start to go dormant. All leaves, stems, and suckers must be completely wet to the ground for effective control. Regrowth may be anticipated on the more resistant species.

Woody Brush: Add 1 to 1.2 gallons of this product per acre to wet all parts of the brush foliage, stem, and bark. This may require up to 200 to 600 gallons of water per 43,560 square feet depending on the height and thickness of the brush. Mix thoroughly before spraying. The 1.2 gallon rate is applicable to spot treatment (an area less than 1000 square feet) applications only.

Woody Plant Control (Postemergence):

- Make no more than one application per year.
- Maximum Seasonal Application Rate to Non-crop sites is 4 lbs. 2,4-D ae per acre per year.

This product will kill, control, or suppress the weeds listed in the label for this product. Some of these species may require repeat spot applications even under ideal conditions for application.

**For use in New York State by spot treatment only. Spray only the weed not the entire lawn.**

## STORAGE AND DISPOSAL

**DO NOT** contaminate water, food, or feed by storage or disposal.

**PESTICIDE STORAGE:** KEEP FROM FREEZING. Store in safe manner. Store in original container only. Keep container tightly closed when not in use. Reduce stacking height where local conditions can affect package strength. Personnel must use clothing and equipment consistent with good pesticide handling. **DO NOT** store under conditions which might adversely affect the container or its ability to function properly.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law and may contaminate groundwater. 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 for guidance.

### **CONTAINER DISPOSAL:**

**Nonrefillable Container (five gallons or less):** Nonrefillable container. **DO NOT** reuse or refill this container. Place in trash or offer for recycling, if available. Clean container 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 1/4 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. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

**Nonrefillable Container (greater than five gallons):** Nonrefillable container. **DO NOT** reuse or refill this container. Place in trash or offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

## LIMITATION OF WARRANTY AND LIABILITY

Read the entire direction for use, conditions of warranties and limitations of liability before using this product. If terms are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following **CONDITIONS, DISCLAIMER OF WARRANTIES, and LIMITATIONS OF LIABILITY.**

**CONDITIONS:** The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risk associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Control Solutions, Inc. All such risks shall be assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES:** To the extent consistent with applicable law, Control Solutions, Inc. makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond the statements made on this label. No agent of Control Solutions, Inc. is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Control Solutions, Inc. disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

**LIMITATIONS OF LIABILITY:** To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid or at Control Solutions, Inc. election, the replacement of product.

53883-334-QP 2DQ Herbicide label -master draft per Agency initiated letter