


66222-188

7/6/2009

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	<b>U.S. ENVIRONMENTAL PROTECTION AGENCY</b> <b>Office of Pesticide Programs</b> <b>Registration Division (7505P)</b> <b>Ariel Rios Building</b> <b>1200 Pennsylvania Ave., NW</b> <b>Washington, D.C. 20460</b>	EPA Reg. Number: <b>66222-188</b>	Date of Issuance: <b>JUL 6 2009</b>
	<b>NOTICE OF PESTICIDE:</b> <input checked="" type="checkbox"/> Registration <input type="checkbox"/> Reregistration (under FIFRA, as amended)	Term of Issuance: <b>conditional</b>	
		Name of Pesticide Product: <b>Quali-Pro Oxadiazon SC</b>	
Name and Address of Registrant (include ZIP Code):  <b>Makhteshim Agan of North America, Inc.</b> <b>4515 Falls of Neuse Road, Suite 300</b> <b>Raleigh, NC 27609</b>			
<b>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.</b>			
<p>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.</p> <p>This product is conditionally registered in accordance with FIFRA provided that you:</p> <ol style="list-style-type: none"><li>1. Submit and/or cite all data required for registration/reregistration review of your product when the Agency requires all registrants of similar products to submit data.</li><li>2. Make the following label changes:<ol style="list-style-type: none"><li>a. Revise the EPA Reg. No. to read : "EPA Reg. No. 66222-188."</li><li>b. On page 3 of the labeling, make the following changes:<ol style="list-style-type: none"><li>1. Revise "General Information" to "Product Information."</li><li>2. Remove the bold text section from the following sentence: "Quali-Pro Oxadiazon SC Herbicide must be used only in accordance with directions for use on this label <b>or in separate published directions for use from Makhteshim Agan of North America, Inc.</b>"</li></ol></li></ol></li></ol>			
Continued on Page 2			
Signature of Approving Official:  <b>Joanne Miller</b> <b>Product Manager 23</b> <b>Herbicide Branch</b> <b>Registration Division (7505P)</b>		Date:  <b>JUL 6 2009</b>	

- c. On page 7 of the labeling, remove the term "General" from the following sentence:  
"General use rates are provided in the following table when using ..."

Note: The term "general" should be avoided as it implies that restricted uses may exist.

3. Submit storage stability and corrosion characteristics studies within one (1) year from the date of this registration notice in order to fulfill the chemistry sub group B data requirements.
4. Submit one (1) copy of the revised final printed label for the record.

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

A stamped copy of the label is enclosed for your records.

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Master Label

# Quali-Pro<sup>®</sup> Oxadiazon SC

## Herbicide

**Preemergent Control of Annual Grasses and Broadleaf Weeds in Turf, Conifer Nurseries and Ornamentals Including Landscape Ornamental Beds on Residential Properties by a Professional Applicator.**

**For sale to and use by Professional Applicators only. Not for sale to or use by homeowners/consumers. Not for Use in Turfgrass on Residential Properties.**

**ONLY FOR SALE TO, USE AND STORAGE BY COMMERCIAL NURSERY, TURF AND LANDSCAPE PERSONNEL. NOT FOR USE ON HOME LAWNS.**

Contains oxadiazon the active ingredient used in Ronstar<sup>®</sup> Flo Herbicide.  
Quali-Pro<sup>®</sup> Oxadiazon SC Herbicide is not manufactured or distributed by Bayer Environmental Science.

ACTIVE INGREDIENT:	% BY WT.
Oxadiazon: 3-[2,4-dichloro-5-(1-methylethoxy)phenyl]-5-(1,1-dimethylethyl)-1,3,4-oxadiazol-2(3H)-one	34.4%
OTHER INGREDIENTS:	65.6%
TOTAL	100.0%

**ACCEPTED**

This product contains 3.17 pounds oxadiazon per gallon.

In EPA Letter Dated:

JUL 6 2009

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

66222-188

EPA Reg. No. 66222-xxx

**KEEP OUT OF REACH OF CHILDREN**

### CAUTION

Manufactured for:  
Makhteshim Agan of North America, Inc.  
4515 Falls of Neuse Rd., Suite 300  
Raleigh, NC 27609

EPA Est. No.

**NET CONTENTS: \_\_\_\_ GAL**

#### FIRST AID

<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>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul>
<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 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 Prostar at 1-877-250-9291 for emergency medical treatment information.

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**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
CAUTION**

Harmful if swallowed or absorbed through the skin. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Some materials that are chemical-resistant to this product are barrier laminate, butyl rubber  $\geq 14$  mils, nitrile rubber  $\geq 14$  mils, and neoprene rubber  $\geq 14$  mils. If you want more options, follow the instructions for category C on an EPA chemical-resistance category selection chart.

Mixers, loaders, applicators and other handlers must wear: Long-sleeved shirt and long pants, shoes plus socks, and chemical-resistant gloves such as barrier laminate, butyl rubber, nitrile or neoprene gloves. In addition, mixers and loaders must wear a chemical-resistant apron. See **ENGINEERING CONTROLS STATEMENTS** for additional information.

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.

**ENGINEERING CONTROLS STATEMENTS**

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets 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 SHOULD:**

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash body thoroughly and put on clean clothing.
- 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.

**ENVIRONMENTAL HAZARDS**

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 washwaters. Quali-Pro® Oxadiazon SC Herbicide should not be used in areas where irrigation or rainfall results in the direct or indirect (via ditches and canals) contamination of surface waters through dissolved runoff or erosion of soil particles to which oxadiazon is absorbed.

**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 apply this product in a way that will contact workers or other persons, 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 12 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
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks

### 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 (WPS) 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 allow people or pets to enter treated areas until sprays have dried.

**IMPORTANT:** Quali-Pro® Oxadiazon SC Herbicide is recommended for use in turf, conifer nurseries and ornamentals in most states. Check with your pesticide dealer, state Cooperative Extension Service or Department of Agriculture before use to be certain Quali-Pro® Oxadiazon SC Herbicide is registered in your state. Read the entire **DIRECTIONS FOR USE** and **LIMITATION OF WARRANTY AND LIABILITY** before using Quali-Pro® Oxadiazon SC Herbicide.

### GENERAL INFORMATION

Quali-Pro® Oxadiazon SC Herbicide must be used only in accordance with directions for use on this label or in separate published directions for use from Makhteshim Agan of North America, Inc. Makhteshim Agan of North America, Inc. will not be responsible for losses or damage resulting from use of this product in any manner not specifically authorized by Makhteshim Agan of North America, Inc.

**Formulation and Mode of Action:** Quali-Pro® Oxadiazon SC Herbicide is a suspension concentrate formulation containing 3.17 pounds oxadiazon per gallon. Oxadiazon is a member of the oxadiazole chemical family of herbicides. Members of this herbicide family inhibit protoporphyrinogen oxidase production (PPO inhibitor) in plants and control weeds by killing the young weed seedlings as they come in contact with the herbicide during germination. Seedlings of susceptible weeds emerge from treated soil and then wilt and die. A preemergent application of Quali-Pro® Oxadiazon SC Herbicide controls many annual grasses and broadleaf weeds in turf, conifer nurseries and on a variety of woody ornamental shrubs and trees.

**Application Information:** Always apply Quali-Pro® Oxadiazon SC Herbicide with a clean and properly calibrated sprayer that will apply the spray solution uniformly. Calibrate the sprayer prior to use, according to the manufacturer's directions and check daily to be certain that the equipment is working properly. Thorough and uniform spray coverage is essential for satisfactory weed control. The spray delivery system should provide a uniform spray pattern with a minimum of drift.

### General Precautions and Restrictions For Use of Quali-Pro® Oxadiazon SC Herbicide:

1. Weed control may be reduced if the product is mechanically mixed into the soil.
2. Do not contaminate water intended for irrigation and domestic use.
3. Do not allow domestic animals to graze treated areas.
4. Do not apply in greenhouses as plant injury may result from co-distillation of active ingredient onto leaf surfaces in condensate.

### TURF

**Dormant Turf:** For control of key broadleaf and grassy weeds in dormant, established Bermudagrass, St. Augustinegrass and Zoysia turf grown in areas such as fairways, parks, golf courses and commercial turf, apply Quali-Pro® Oxadiazon SC Herbicide at 1.85 to 2.8 fl. oz. per 1000 sq. ft. (80.6 to 122 fl. oz. per acre). Apply in late winter or early spring prior to weed seed germination when the turf is still dormant and at least 2 to 3 weeks prior to green up. Application closer to green up may result in injury.

It is important that the herbicide spray solution reach the soil surface so mow or rake the turf area to remove leaves or anything else that might prevent the spray from reaching the soil surface. Measure the area to be treated and uniformly apply the required amount of Quali-Pro® Oxadiazon SC Herbicide. Irrigate the turf thoroughly if rain is not expected shortly after application.

**Hawaii Only:** Quali-Pro® Oxadiazon SC Herbicide may be applied in Hawaii to newly sprigged Zoysiagrass being grown for sod. Insure the spray reaches the soil surface as described above and irrigate thoroughly if rain is not expected shortly after application.

**California Only:** Do not apply Quali-Pro® Oxadiazon SC Herbicide to St. Augustinegrass or Zoysia turf in California.

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### Preemergence Weed Control in Turf with Quali-Pro® Oxadiazon SC Herbicide

WEEDS CONTROLLED	RATE FL. OZ. PER 1000 SQ. FT. (FL. OZ. PER ACRE)	DIRECTIONS
Crabgrass ( <i>Digitaria spp.</i> ) Goosegrass ( <i>Eleusine indica</i> ) Annual Bluegrass ( <i>Poa annua</i> )* Annual Sedge ( <i>Cyperus compressus</i> )*	1.85 - 2.8 (80.6 - 122)	- Apply in late winter or early spring prior to weed seed germination and turf greenup. Treatment is effective only against spring germinating <i>Poa annua</i> . A subsequent application can be made 4 months after the first application.
Virginia Buttonweed ( <i>Diodia virginiana</i> )	2.8 (122)	- Apply in 0.75 – 3.5 gallons of water per 1000 sq. ft. (32.7 - 152.5 gallons of water per acre).

\* Not for use in California unless accompanied by supplemental labeling.

**Bermudagrass Establishment From Sprigs\***: Quali-Pro® Oxadiazon SC Herbicide may be applied to Bermudagrass being established from sprigs for control of crabgrass, goosegrass and annual sedge. Apply Quali-Pro® Oxadiazon SC Herbicide at 1.85 fl. oz. per 1000 sq. ft. (80.6 fl. oz. per acre) immediately prior to or immediately after sprigging. Reduced weed control may result if the soil surface is disturbed after herbicide application. Irrigate immediately after application for best results.

\* Not for use in California unless accompanied by supplemental labeling.

### **Precautions and Restrictions for Quali-Pro® Oxadiazon SC Herbicide Use on Turf:**

1. Always apply in 0.75 - 3.5 gallons of water per 1000 sq. ft. (32.7 - 152.5 gallons of water per acre).
2. For best results, water-in the product as soon as practical after application.
3. **Do not** apply into newly seeded areas as injury may occur. Wait 4 months after treatment before seeding into treated areas.
4. **Do not** use on putting greens or tees as injury may occur due to the varying cultural practices used.
5. **Do not** apply more than 3.7 fl. oz. per 1000 sq. ft. (161.2 fl. oz. per acre) in a single application, or make more than 2 applications per year.
6. **Do not** apply more than 5.55 fl. oz. of product per 1000 sq. ft. per year (1.89 gallons per acre per year or the equivalent to 6 lbs a.i. per acre per year) except in areas where there is a heavy weed infestation. In such areas, the maximum allowed per year is 7.4 fl. oz. of product per 1000 sq. ft. (2.52 gallons per acre per year or the equivalent of 8 lbs a.i. per acre per year).

### **ORNAMENTALS AND CONIFER NURSERIES**

**Woody Ornamental Shrubs and Trees, Conifer Nurseries and Ornamentals on Residential Properties:** Only Professional Applicators are authorized to apply Quali-Pro® Oxadiazon SC Herbicide in these areas. Apply Quali-Pro® Oxadiazon SC Herbicide to landscape beds consisting of well defined areas of solid or mixed stands of trees, shrubs and ground covers located around buildings as well as in open areas of the residential property. Carefully measure the area of each bed to be treated to insure an accurate application rate.

Apply by ground at 1.85 to 2.8 fl. oz. per 1000 sq. ft. (80.6 to 122 fl. oz. per acre) as a broadcast spray depending on the weeds present as listed in the table below. Apply in a minimum of 1 gallon per 1000 sq. ft. (43.6 gallons per acre) as a directed spray to the soil surface, or as an over the top spray on tolerant ornamentals used as ground cover listed on this label.

Application of Quali-Pro® Oxadiazon SC Herbicide should be made prior to weed seed germination. The herbicide should not be mixed into the soil as cultivating or disturbing the soil may reduce weed control. Quali-Pro® Oxadiazon SC Herbicide can be applied to both newly transplanted and established plants. Application can be made to actively growing or dormant plants. Do not apply Quali-Pro® Oxadiazon SC Herbicide during bud break or during the 4 week period after bud break or injury may occur.

Best weed control is achieved when rainfall or overhead irrigation (one-half inch) is applied immediately after application. Rainfall or overhead irrigation immediately after (within two hours) over the top sprays of Quali-Pro® Oxadiazon SC Herbicide is required in order to move the product from the foliage to the soil surface and prevent injury. Removal of existing weed growth before application is required to insure that the spray reaches the soil surface. A subsequent application can be made 4 months after the initial application. The maximum number of applications is two per year.

**Restrictions for Use of Quali-Pro® Oxadiazon SC Herbicide on Residential Properties:**

1. Do not apply in greenhouses as plant injury may result from co-distillation of the active ingredient onto leaf surfaces in condensate.
2. Do not mechanically mix into the soil as reduced weed control will likely result from cultivating or disturbing the soil.
3. Do not permit people or pets to enter the treated area until after the directed spray application is watered in and the soil surface is dry.
4. Do not apply with adjuvants or drift control agents.
5. Do not make more than 2 applications per year of 2.8 fl. oz. per 1000 sq. ft. (122 fl. oz. per acre).

**Woody Ornamental Shrubs and Trees, Conifer Nurseries and Ornamentals on Commercial Properties:**

Apply Quali-Pro® Oxadiazon SC Herbicide by ground at 1.85 to 2.8 fl. oz. per 1000 sq. ft. (80.6 to 122 fl. oz. per acre) as a broadcast spray depending on the weeds present as listed in the table below. Apply in a minimum of 1 gallon per 1000 sq. ft. (43.6 gallons per acre) as a directed spray to the soil surface, or as an over the top spray only on labeled species (See **PLANT TOLERANCE** section below for more information).

Application of Quali-Pro® Oxadiazon SC Herbicide should be made prior to weed seed germination. The herbicide should not be mixed into the soil as cultivating or disturbing the soil may reduce weed control. Quali-Pro® Oxadiazon SC Herbicide can be applied to both newly transplanted and established plants. Application can be made to actively growing or dormant plants. Do not apply Quali-Pro® Oxadiazon SC Herbicide during bud break or during the 4 week period after bud break or injury may occur.

Best weed control is achieved when rainfall or overhead irrigation (one-half inch) is applied immediately after application. Rainfall or overhead irrigation immediately is required after application of over the top sprays of Quali-Pro® Oxadiazon SC Herbicide in order to move the product from the foliage to the soil surface. Removal of existing weed growth before application is required to insure that the spray reaches the soil surface. A subsequent application can be made 4 months after the initial application. The maximum number of applications is two per year.

**Restrictions for Use of Quali-Pro® Oxadiazon SC Herbicide on Commercial Properties:**

1. **Do not** apply in greenhouses as plant injury may result from co-distillation of the active ingredient onto leaf surfaces in condensate.
2. **Do not** mechanically mix into the soil as reduced weed control will likely result from cultivating or disturbing the soil.
3. **Do not** apply more than 3.7 fl. oz. per 1000 sq. ft. (162 fl. oz. per acre) in a single application or more than 2 applications per year.
4. **Do not** apply more than 5.55 fl. oz. of product per 1000 sq. ft. per year (1.89 gallons per acre per year or the equivalent to 6 lbs a.i. per acre per year) except in areas where there is a heavy weed infestation. In such areas, the maximum allowed per year is 7.4 fl. oz. of product per 1000 sq. ft. (2.52 gallons per acre per year or the equivalent of 8 lbs a.i. per acre per year).

## ANNUAL BROADLEAF AND GRASSY WEEDS CONTROLLED BY QUALI-PRO® OXADIAZON SC

BROADLEAVES		GRASSES	
RATE 1.85 - 2.8 FL. OZ. PER 1000 SQ. FT. (80.6 - 122 FL. OZ. PER ACRE)		RATE 1.85 - 2.8 FL. OZ. PER 1000 SQ. FT. (80.6 - 122 FL. OZ. PER ACRE)	
Bittercress	( <i>Cardamine spp.</i> )	Annual Bluegrass*	( <i>Poa annua</i> )
Bristly Oxtongue*	( <i>Picris echioides</i> )	Annual Sedge*	( <i>Cyperus compressus</i> )
Carpetweed	( <i>Mollugo verticillata</i> )	Carpetgrass	( <i>Axonopris offinis</i> )
Cheeseweed*	( <i>Malva parviflora</i> )	Crabgrass	( <i>Digitaria spp.</i> )
Common Purslane	( <i>Portulaca oleracea</i> )	Fall Panicum	( <i>Panicum dichotomiflorum</i> )
Fiddleneck*	( <i>Amsinckia intermedia</i> )	Green Foxtail	( <i>Setaria viridis</i> )
Fireweed*	( <i>Epilobium angustifolium</i> )	Ripgut Bromegrass*	( <i>Bromus catharticus</i> )
Florida Pusley	( <i>Richardia scabia</i> )	Wild Oats*	( <i>Avena fatua</i> )
Golden Ragwort	( <i>Senecio aureus</i> )		
Lambsquarters	( <i>Chenopodium album</i> )		
Oxalis	( <i>Oxalis spp.</i> )		
Pennsylvania Smartweed	( <i>Polygonum pennsylvanicum</i> )		
Petty Spurge	( <i>Euphorbia peplus</i> )		
Redroot Pigweed	( <i>Amaranthus retroflexus</i> )		
Shepherdspurse*	( <i>Capsella bursa-pastoris</i> )		
Speedwell	( <i>Veronica spp.</i> )		
Sow Thistle*	( <i>Sonchus oleraceus</i> )		
Spotted Catsear	( <i>Hypochaeris radicata</i> )		
Yellow Woodsorrel	( <i>Oxalis stricta</i> )		
2.8 FL. OZ. PER 1000 SQ. FT. (122 FL. OZ. PER ACRE)		2.8 FL. OZ. PER 1000 SQ. FT. (122 FL. OZ. PER ACRE)	
Common Groundsel	( <i>Senecio vulgaris</i> )	*Barnyardgrass	( <i>Echinochloa crus-galli</i> )
Evening Primrose	( <i>Oenothera spp.</i> )	*Goosegrass	( <i>Eleusine indica</i> )
Galinsoga	( <i>Galinsoga spp.</i> )		
Liverwort	( <i>Marchantia spp.</i> )		
Prostrate Spurge	( <i>Euphorbia upine</i> )		
Swinecress	( <i>Coronopus didymus</i> )		

\* Not for use in California unless accompanied by supplemental labeling.

**Plant Tolerance:** Quali-Pro® Oxadiazon SC Herbicide can be used as directed spray to the soil surface on a wide variety of container and field grown woody ornamental shrubs, trees, conifers, and herbaceous plants in nurseries. It can also be used as an over the top spray at listed rates on the ornamental species shown in the table below.

**Ornamentals Tolerant of Quali-Pro® Oxadiazon SC Herbicide Applied in an Over-the-Top Spray at a Minimum Spray Volume of 1 Gallon per 1000 Sq. Ft. (43.6 gallons per acre)**

Arborvitae	Hemlock* (Canadian*)
Baby's Breath	Holly (Chinese, Japanese, Kurogane)
Barberry, Japanese	Hopseed Bush, Purple
Boxwood	Juniper (Andorra, Blue Rug, Common, Creeping)
Cedar, Eastern Red	Oleander
Cranberry	Ophiopogon
Cypress (Hinoki, Nootka Spound, Sawara)	Pine (Eastern White, Mugho, Scotch)
Euonymus, Evergreen	Raphiolepis
Fir* (Douglas*, Frasier*, Grand *, Noble*)	Spruce, Blue*
Gladiolas	Statice

\* Not for use in California unless accompanied by supplemental labeling.

Local conditions may affect the use of Quali-Pro® Oxadiazon SC Herbicide. Consult State Agricultural Experiment Station or Extension Service weed specialists for specific recommendations for local weed problems and information on possible lower dosages.



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**Landscape Plantings at Commercial, Roadside and Industrial Sites:** Apply Quali-Pro® Oxadiazon SC Herbicide by ground at 1.85 fl. oz. per 1000 sq. ft. (80.6 fl. oz. per acre) as a broadcast spray prior to weed seed germination as an over the top spray only on labeled ornamentals. Ornamental landscape plants tolerant of over the top sprays of Quali-Pro® Oxadiazon SC Herbicide include: Large Leaf Ice Plant, English Ivy, Algerian Ivy, African Trailing Daisy, Common Periwinkle and Bigleaf Periwinkle.

Apply only to established ornamentals at a minimum spray volume of 1 gallon of water per 1000 sq. ft. (43.6 gallons per acre). Remove existing weed growth before application so the spray solution will be able to reach the soil surface. Be sure to sprinkle irrigate within 2 hours after application as crop injury may occur.

**Restrictions for Use of Quali-Pro® Oxadiazon SC Herbicide on Landscape Plantings:**

1. Do not use on any landscape plants except those listed above.
2. Do not apply within 60 days of transplanting.
3. Do not apply with adjuvants or drift control agents.

**Tank-Mix Combinations for Ornamental Plantings and Noncropland Areas:** Quali-Pro® Oxadiazon SC Herbicide may be used in combination with a non-selective herbicide such as glyphosate to control existing undesirable vegetation. When applied as a directed spray, the tank-mixture will provide preemergence and postemergence control of susceptible species listed on the respective labels of the two herbicides.

Prior to mixing Quali-Pro® Oxadiazon SC with glyphosate or any other product, first conduct a compatibility test to make sure they are compatible. Using a clear glass quart jar, conduct the test as described below:

1. Fill the jar three-quarters full with water.
2. Add the appropriate amount of herbicide in the following order: (a) dry flowable, (b) wettable powder, (c) aqueous suspensions, (d) flowables, (e) liquids and (f) solutions and emulsifiable or liquid concentrates. Shake or gently stir jar after each addition to thoroughly mix.
3. After adding all ingredients, let the mixture stand for 15 minutes and then look for separation, large flakes, precipitates, gels, and heavy oily film on the jar or other signs of incompatibility.
4. If the compatibility test shows signs of incompatibility, do not tank mix the product tested with Quali-Pro® Oxadiazon SC Herbicide.

When mixing, be sure that Quali-Pro® Oxadiazon SC Herbicide is added to the tank and agitated prior to introduction of a non-selective herbicide such as glyphosate. Please refer to the non-selective herbicide label for information on surfactant and spray volume to use. Only mix the amount of spray needed for immediate application needs as settling can occur if spray mixture is allowed to sit over an extended period of time.

**Precautions for Tank Mixing Quali-Pro® Oxadiazon SC Herbicide and Glyphosate:**

1. **Do not** use apply product in combination with a non-selective herbicide like glyphosate as an over-the-top spray in ornamentals or injury will occur.
2. **Do not** allow spray containing a non-selective herbicide to contact foliage, stems, green bark, or bare roots of desirable turfgrasses, trees, shrubs, or other desirable vegetation since severe damage or destruction will result. Use a shield made of cardboard, sheet metal, or plywood while spraying to help prevent spray from contacting foliage of desirable plants.

**Broadcast application rates:** General use rates are provided in the following table when using Quali-Pro® Oxadiazon SC Herbicide in a tank-mixture with glyphosate to control existing undesirable vegetation. These rates are intended as general information. Consult the rate sections in individual product labels for detailed information on specific weed species controlled and rates of application.

**Tank-mixture of Quali-Pro® Oxadiazon SC Herbicide + Glyphosate**

Existing Annual and Broadleaf Weeds	Quali-Pro® Oxadiazon SC Herbicide FL. OZ. PER 1000 SQ. FT. (FL. OZ. PER ACRE)	Glyphosate 4 FL. OZ. PER 1000 SQ. FT. (FL. OZ PER ACRE)
Less than 6" Tall	1.85 – 2.8 (80.6 - 122)	0.7 (32)
Greater than 6" Tall	1.85 – 2.8 (80.6 - 122)	1.1 (48)
Existing Perennial	1.85 – 2.8 (80.6 - 122)	1.5 – 3.7 (64 – 160)

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**Restrictions for Use of Quali-Pro® Oxadiazon SC Herbicide in Tank-Mix Combinations in Ornamental Plantings and Noncropland Areas:**

1. **Do not** apply more than 3.7 fl. oz. per 1000 sq. ft. (162 fl. oz. per acre) in a single application, or more than 2 applications per year.
2. **Do not** apply more than 5.55 fl. oz. of product per 1000 sq. ft. per year (1.89 gallons per acre per year or the equivalent to 6 lbs a.i. per acre per year) except in areas where there is a heavy weed infestation. In such areas, the maximum allowed per year is 7.4 fl. oz. of product per 1000 sq. ft. (2.52 gallons per acre per year or the equivalent of 8 lbs a.i. per acre per year).

**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** Do not store in or around the home.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER HANDLING:**

**Nonrefillable Container (five gallons or less):** Nonrefillable container. Do not reuse or refill this container. 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 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. Offer for recycling or reconditioning, or puncture and dispose of the container in a sanitary landfill, or by incineration; or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**Nonrefillable Container (greater than five gallons):** Nonrefillable container. Do not reuse or refill this container. 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 ¼ 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. Offer for recycling or reconditioning, or puncture and dispose of the container in a sanitary landfill, or by incineration; or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**Refillable Container:** Refillable container. Refill this container with oxadiazon only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

**FOR 24-HOUR EMERGENCY ASSISTANCE (SPILL, LEAK, OR FIRE), CALL INFOTRAC AT 1-800-535-5053.**

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### **LIMITATION OF WARRANTY AND LIABILITY**

Read the entire directions 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 risks 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 Makhteshim Agan of North America, Inc. All such risks shall be assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES:** To the extent consistent with applicable law, Makhteshim Agan of North America, 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 Makhteshim Agan of North America, 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, Makhteshim Agan of North America, 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 Makhteshim Agan of North America, Inc.'s election, the replacement of product.

Quali-Pro® is a registered trademark.

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**QUALI-PRO® OXADIAZON SC HERBICIDE (66222-XXX) (TEXT TO EPA 3-20-09)**