

# QUALI-PRO

## TM/C WDG

### Turf & Ornamental Fungicide

**(Not for use on Residential Turf or Residential Ornamentals)**

<b>ACTIVE INGREDIENTS:</b>	<b>% BY WT.</b>
Chlorothalonil (Tetrachloroisophthalonitrile) . . . . .	50.00%
Thiophanate methyl (Dimethyl 4-4-o-phenylenebis (3-thioallophanate)) . . . . .	16.66%
<b>OTHER INGREDIENTS:</b> . . . . .	<b>33.34%</b>
<b>TOTAL</b> . . . . .	<b>100.00%</b>

EPA Reg. No. 48234-7-66222

### KEEP OUT OF REACH OF CHILDREN DANGER – PELIGRO

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.)

For additional precautionary, handling, and use statements, see inside of this booklet.

Manufactured for:  
**Makhteshim Agan of North America, Inc.**  
3120 Highwoods Blvd, Suite 100  
Raleigh, NC 27604

13447

EPA 092908/Rev C

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 15-20 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 15-20 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>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li><li>• Do not 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, and then give artificial respiration, preferably by mouth, if possible.</li><li>• Call a poison control center or doctor for further advice.</li></ul>
<b>HOTLINE NUMBER</b>	
Have the 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.	
<b>NOTE TO PHYSICIAN</b>	
Probable mucosal damage may contraindicate the use of gastric lavage. Persons having temporary irritation may respond to treatment with anti-histamines or steroid creams and/or systemic steroids.	

**PRECAUTIONARY STATEMENTS**  
**Hazards to Humans and Domestic Animals**  
**DANGER**

Corrosive. Causes irreversible eye damage. Do not get in eyes or on skin or clothing. Wear protective eyewear such as goggles, face shield, or safety glasses. 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. Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Some materials that are chemical resistant to this product are nitrile rubber, natural rubber, or butyl rubber. If you want more options, follow the instructions for category A on the EPA chemical resistance category selection chart.

**Mixers, loaders, applicators and all other handlers must wear:**

- Long-sleeved shirt and long pants
- Chemical-resistant gloves
- Shoes plus socks
- Protective eyewear (goggles or face shield)

In addition, a dust/mist filtering respirator (NIOSH-approved respirator with any R, P, N, or HE filter) must be worn by (1) Mixer/loaders, (2) Others exposed to the dust, and (3) Applicators and other handlers in enclosed areas such as a greenhouse.

**USER SAFETY 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.

**ENGINEERING CONTROLS**

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.

**IMPORTANT:** When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for "applicators and other handlers" and have such PPE immediately available for use in an emergency such as a spill or equipment breakdown.

### **USER SAFETY RECOMMENDATIONS**

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

### **ENVIRONMENTAL HAZARDS**

This pesticide is toxic to aquatic invertebrates and wildlife. Do not apply directly to water or 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 neighboring areas. Do not contaminate water when disposing of equipment washwater or rinsate.

This chemical is known to leach through soil into groundwater under certain conditions as a result of label use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

This chemical can contaminate surface water through spray drift. Under some conditions, it may also have a high potential for runoff into surface water for several days to weeks after application. These include poorly draining or wet soils with readily visible slopes toward adjacent surface waters, frequently flooded areas, areas overlaying extremely shallow groundwater, areas with infield canals or ditches that drain to surface water, areas not separated from adjacent surface waters with vegetated filter strips, and areas overlaying tile drainage systems that drain to surface water.

DO NOT contaminate water by disposal of equipment washwaters.

### **DIRECTIONS FOR USE**

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

Do not apply this product in a way that will contact workers or other persons or pets, 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.

**This product must not be formulated into products labeled for use on home lawns. Use of this product on home lawns is prohibited.**

### **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 interval. 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 over long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- Chemical-resistant footwear plus socks
- Protective eyewear
- Chemical-resistant headgear for overhead exposures

Special Eye Irritation Provisions: This product is a severe eye irritant. Although the restricted-entry interval expires after 12 hours, for the next 6 1/2 days entry is permitted only when the following safety measures are provided:

- 1) At least one container designed for flushing eyes must be available in operating condition at the WPS-required decontamination site intended for workers entering the treated areas.
- 2) Workers must be informed in a manner they can understand:
  - That residues in the treated area may be highly irritating to their eyes.
  - That they should take precautions, such as refraining from rubbing their eyes, to keep the residues out of their eyes.
  - That if they do get it in their eyes, they should immediately flush their eyes using the eye flush container that is located at the decontamination site or using other readily available clean water.
  - How to operate the eye flush container.

### **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 others to enter the treated area until sprays have dried.

### **GENERAL INFORMATION**

Quali-Pro TM/C WDG fungicide is a formulation of two chemicals to provide both contact and systemic disease control. For use only by certified applicators or those under their immediate supervision. Do not apply with fixed wing or rotary aircraft.

Quali-Pro TM/C WDG fungicide is for use on golf courses, sport turf, ornamental turfgrass, ornamental plants, shrubs, and trees. Used according to the directions on this label, it controls a broad spectrum of turf and ornamental diseases. Thorough uniform coverage of plant surfaces is essential for good disease control.

The wettable, dry granules of Quali-Pro TM/C WDG fungicide should be added to the spray tank while filling with water. Keep the agitator running when filling spray tank and during spray operations.

Combinations in the spray tank with pesticides, fertilizers, or surfactants is not recommended unless your prior use has shown the combination to be physically compatible, effective, and non-injurious under your conditions of use.

- Do not graze treated areas. Do not feed clippings to livestock.
- Do not apply this product through any type of irrigation system.
- Not for homeowner use.
- Do not use on home lawns and turf sites associated with apartment buildings, daycare centers, playgrounds, playfields, recreational park athletic fields, athletic fields located on or next to schools (i.e., elementary, middle, and high schools), campgrounds, churches, and theme parks.
- Not for use on turf being grown for sale or other commercial use as sod.
- This product must not be applied within 25 feet of marine/estuarine water bodies unless there is an untreated buffer area of that width between the area to be treated and the water body.
- Do not use fruit, nuts, or sap from treated trees as food or feed.

### GOLF COURSE FAIRWAYS

Quali-Pro TM/C WDG fungicide will control many turf diseases when used at proper rates and timing as shown below. Begin applications when conditions favor disease development and repeat applications as long as these conditions persist. Under severe disease conditions, use the highest rate and shortest interval corresponding with the application schedule below.

Disease	Application Interval	Application Rate Per Acre
Sclerotinia Dollar Spot	14 – 21 days	8.25 – 10 lb.
Helminthosporium Leaf Spot	14 – 21 days	8.25 – 10 lb.
Rhizoctonia Brown Patch	14 – 21 days	8.25 – 10 lb.

### ORNAMENTAL TURF

Disease	Application Interval	Application Rate Ounces/1000 Sq. Ft.	
		Preventative	Curative
Anthracnose	14-21 days	2 - 4	4 - 6
Copper Spot	14-21 days	3 - 5	4 - 6
Dollar Spot	14-21 days	2 - 4	4 - 6
Gray Leaf Spot	14-21 days	2 - 4	4 - 6
Helminthosporium Melting Out and Leaf Spot	14-21 days	2 - 4	4 - 6
Rhizoctonia Brown Patch	14-21 days	2 - 4	4 - 6
Red Thread	14-21 days	3 - 5	4 - 6
Stem Rust of Bluegrass	14-21 days	3 - 5	4 - 6
Mildew, Powdery	14-21 days	2 - 4	4 - 6
Mildew, Downey	14-21 days	2 - 4	4 - 6

### GOLF COURSE TEES, GREENS, AND APRONS

Apply Quali-Pro TM/C WDG fungicide in adequate amount of water to provide complete coverage. This amount may vary from 2 to 10 gallons per 1000 sq. ft. Suggested rates and timing are shown below, but actual rates and timing will vary with disease conditions and growth and vigor of the grass.

Disease	Application Interval	Application Rate Ounces/1000 Sq. Ft.	
		Preventative	Curative
Anthracnose	14 days	2 - 4	4 - 8
Copper Spot	14 days	3 - 5	4 - 8
Dollar Spot	14 days	2 - 4	4 - 8
Gray Leaf Spot	14 days	2 - 4	4 - 8
Helminthosporium Melting Out and Leaf Spot	14 days	2 - 4	4 - 8
Rhizoctonia Brown Patch	14 days	2 - 4	4 - 8
Red Thread	14 days	3 - 5	4 - 8
Stem Rust of Bluegrass	14 days	3 - 5	4 - 8
Mildew, Powdery	14 days	2 - 4	4 - 8
Mildew, Downy	14 days	2 - 4	4 - 8

Disease	Application Interval	Application Rate Ounces/1000 Sq. Ft. (Preventative)
Gray Snow Mold ( <i>Typhula</i> spp.)	Apply in fall prior to snow cover. One application has given excellent control throughout the winter.	6 - 8
Pink Snow Mold ( <i>Fusarium</i> spp.)		6 - 8

Quali-Pro TM/C WDG fungicide is fungistatic to many diseases including *Pythium* spp. Applications should be made prior to disease development at preventive rates and repeated at seven-day intervals for best control.

DO NOT mow or water after application until spray deposit on turfgrass is thoroughly dry; Quali-Pro TM/C WDG should always be used in conjunction with good turf management practices and programs.

### ORNAMENTALS

Apply Quali-Pro TM/C WDG fungicide at a rate of 0.75 to 1.5 pounds per 100 gallons of water unless other rates are shown in the table below:

### Foliar Spray for Field and Greenhouse

Disease	Pounds/100 Gal.	Remarks
Cedar Apple Rust of Crabapple	1.5	Repeat application every 10-14 days. Begin at spring bud break.
Ovulinia Blight of Azalea & Rhododendron	1 - 1.5	Begin sprays as flowers open. Repeat every 4-6 days as needed.
Anthracnose of Shade Trees & Woody Ornamentals	1	Apply at bud break. Repeat every 7-10 days as needed. DO NOT exceed 4 applications per year.
Ascochyta Blight of Chrysanthemum and Iris ( <i>Ascochyta</i> spp.); Black Spot of Rose ( <i>Diplocarpon Rosae</i> ); Botrytis Flower Blight of Geranium, Rose, and Petunia ( <i>Botrytis</i> spp.); Scab of Pyracantha and Flowering Crab ( <i>Fusicladium</i> spp. and <i>Venturia</i> spp.); Leaf Blight of Gladiolus ( <i>Curvularia</i> spp.); Corynespora Leafspot of Ligustrum ( <i>Corynespora</i> spp.); Iris Leafspot ( <i>Didymellina</i> spp.); Mildew, Powdery; Mildew, Downy	0.75 - 1	Repeat every 7-10 days as needed during disease period.

Quali-Pro TM/C WDG fungicide may be used in greenhouses.

Quali-Pro TM/C WDG fungicide may be used on herbaceous perennials such as leatherleaf ferns and asparagus ferns.



### Quali-Pro TM/C WDG Maximum Application Rates

Site	Maximum Individual Application Rate Per Acre (lb/A)	Minimum Re-treatment Interval in Days	Maximum Seasonal Total Per Acre (lb/A)
Golf Course Greens	22.6	14 Days	130
Golf Course Tees	22.6	14 Days	104
Golf Course Fairways (Outside Florida) <sup>1</sup>	22.6	14 Days	32.7
Golf Course Fairways (Inside Florida)	16.4	14 Days	16.4
Ornamental Turf	16.4	14 Days	52
Ornamentals	3.1	7 Days	72.8 Applies to Field Grown Only
Roses	2.2	7 Days	72.8 Applies to Field Grown Only
Conifers	8.2 8.2	21 Days 7 Days (For Seed Beds Only)	33 33

<sup>1</sup> Make only one application at the maximum application rate.

**NOTICE TO USER:** Plant tolerance to Quali-Pro TM/C WDG has been found to be acceptable on all ornamentals that it has been tested on. Due to the large number of species and varieties of ornamental and nursery plants, it is impossible to test every one for tolerance to Quali-Pro TM/C WDG. Neither the manufacturer nor the seller has determined whether or not Quali-Pro TM/C WDG can be used safely on ornamental plants not specified on this label. The professional user should determine if Quali-Pro TM/C WDG can be used safely prior to commercial use. In a small area, test the recommended rates on a small number of plants for phytotoxicity prior to widespread use. Before using Quali-Pro TM/C WDG in tank mixture with other products, test the mixture on a small number of plants for phytotoxicity prior to widespread use.

## STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store in a dry secured area unavailable to unauthorized persons.

**PESTICIDE DISPOSAL:** 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 for guidance.

**CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

## 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 of Makhteshim Agan of North America, Inc.



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3120 Highwoods Blvd, Suite 100  
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EPA Est. No. 37429-GA-001<sup>ET</sup>; 37429-GA-002<sup>SD</sup>  
Letter(s) in lot number correspond(s) to  
superscript in EPA Est. No.

13447

## Net Contents: 5 Pounds