

S3883-321

11/19/2012

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Chemical Safety and Pollution Prevention
Office of Pesticide Programs
Registration Division (7504P)
1200 Pennsylvania Ave., N.W.
Washington, DC 20460

EPA Reg. Number:

53883-321

Date of Issuance:

NOV 19 2012

Term of Issuance:

Unconditional

Name of Pesticide Product:

Quali-Pro TM 85 WDG

NOTICE OF PESTICIDE:

- Registration
- Reregistration Under FIFRA, as amended

Name and Address of Registrant (include ZIP Code):

**Anne Turnbough
Control Solutions Inc.
5903 Genoa-Red Bluff Rd.
Pasadena, Texas 77507-1041**

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 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 registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

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Signature of Approving Official:

Date:

11/19/12

**William Cutchin, Acting Product Manager (20)
Fungicide Branch/Registration Division/OPP/OCSP (7504P)**

2. Make the following change to the label:

- a. Change the product registration number to "EPA Reg. No. 53883-321"
- b. On page 3, revise the 5th sentence under Product Information to read "Continuous agitation is required during application to keep the material in suspension."
- c. On page 3, revise the 3rd header in the conifer table to decipher poundage of what (AI or product) per acre.
- d. On page 4, at the bottom of the table for conifers add in a 4th bullet that reads "The REI is 12 hours."
- e. On page 5, revise the 2nd header of the 2nd table to read "Concentration of Quali-Pro TM 85 WDG oz./100 gals. of water".
- f. On page 6, revise the 2nd header in the 2nd table to read "Volume of Product to Apply/Container" or "Volume of Quali-Pro TM 85 WDG to Apply/Container".
- g. On page 6, in the last sentence in the paragraph below Soil Drench Applications, revise the RTI from "21-28 days" to "4 to 8 weeks."
- h. On page 7, it is unclear what the section starting "Stem, Crown, and Root Rots caused by:" is referring to. Revise to read "To control stem, crown, and root rots caused by:"
- i. On page 7, in the Bulb, Corms, Tubers, and Rhizomes section, revise the second sentence to read "Soak cleaned bulbs for 15 to 30 minutes in warm solution (80-85°F) within 48 hours of digging up."
- j. On page 7, add in the statement "For use only be certified applicators or those under their direct supervision" to the Turf Applications section.
- k. On page 9, in the Summer Patch remarks section, you have "Water product into the root zone thoroughly after application" written twice. Delete the second reference.
- l. On page 9, in the Storage and Disposal section, change the first statement to "Do not contaminate water, food, or feed by storage and disposal."
- m. On page 10, in the Container Handling section, make the following changes:
 1. In the Nonrefillable container (flexible bag all weights) section after the "do not reuse or refill this container" add in section [e1] from

- Table A4 of the Label Review Manual and reword the remaining language.
2. In the rigid-fifty lbs or less section, add one of the [f] options from Table A3 of the Label Review Manual after the triple rinse instructions.
 3. In the rigid-greater than fifty lbs section, add one of the [f] options from Table A3 of the Label Review Manual after the triple rinse instructions.
3. Submit one copy of the revised final printed label for the record before the product is released for shipment.

Your release for shipment of the product constitutes acceptance of these conditions.

A copy of the label stamped "Accepted with Comments" is enclosed for your records.



William Cutchin
Acting Product Manager (20)
Fungicide Branch
Registration Division (7504P)

Enclosure:

Label stamped "Accepted with Comments"
Product Chemistry Review dated 10/2/12 {DP405349}

4/13

Note to Label Editor:
The text found below within [] is optional marketing text.
[Group 1 Fungicide]

QUALI-PRO[®] TM 85 WDG

FUNGICIDE

Note to Label Editor: the text below found within the [] is optional marketing text:
[Contains thiophanate-methyl, the active ingredient used in Topsim[®] and Cleary's 3336.
Quali-Pro TM 85 WDG is not manufactured or distributed by Cerexagri or Cleary.]

ACTIVE INGREDIENT:	% BY WT.
Thiophanate-methyl: (dimethyl[(1,2-phenylene)-bis(iminocarbonothioyl)]bis[carbamate])	85.0%
OTHER INGREDIENTS:	15.0%
TOTAL	100.0%

Contains 0.825 Pound of Active Ingredient per 1.0 Pound of Product

KEEP OUT OF REACH OF CHILDREN
CAUTION

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

ACCEPTED
With COMMENTS
In EPA Letter Dated:
4/19/2012
Under the Federal Insecticide, Fungicide
and Rodenticide Act, As amended, for the
pesticide Registered under EPA Reg. No:
53883-321

EPA Reg. No. 53883-xxx

EPA Est. No. [REDACTED]

NET CONTENTS: [REDACTED] LBS

FIRST AID	
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 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 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 treatment advice.
IF SWALLOWED:	<ul style="list-style-type: none"> • Call a poison control center or doctor 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.
<p>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[®] International for emergency medical treatment at (866) 897-8050.</p>	

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION

Harmful if absorbed through 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, neoprene rubber (≥14mils), and polyethylene. If you want more options, follow the instructions for category A on an EPA chemical resistance category selection chart.

Handlers mixing, loading, and applying the product as a dip (including application of product in kaolinite clay to conifer seedling roots) must wear:

- Coveralls over long-sleeved shirt and long pants
- Chemical-resistant gloves
- Chemical-resistant footwear plus socks
- A chemical-resistant apron

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

- Long-sleeved shirt and long pants
- Chemical-resistant gloves for all mixers and loaders and for applicators using hand-held equipment
- Shoes plus socks

User Safety Requirements: Follow manufacturer's instructions for cleaning/maintaining personal protective equipment, PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing or other absorbent materials that have been heavily contaminated with this product. Do not reuse them.

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 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, to areas where surface water is present, or to intertidal areas below the mean high water mark. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing 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, 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 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. Exemption: If the product is applied by drenching, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

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
- 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 (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 enter or allow others to enter until sprays have dried.

PRODUCT INFORMATION

Apply Quali-Pro TM 85 WDG with ground or aerial equipment using sufficient volume of spray to provide thorough coverage. Add required amount of Quali-Pro TM 85 WDG to partially filled tank agitated by mechanical or hydraulic means. Wait until Quali-Pro TM 85 WDG is fully dissolved before adding any other materials, especially fertilizers high in nitrogen content or boron. Then add the remaining required amount of water. Continuous agitation is required to keep the material in suspension. Do not tank mix with copper-containing materials or with highly alkaline pesticides such as Bordeaux mixture or lime sulfur. No claim of compatibility with other pesticides or tank additives is implied. Use the higher rate under conditions of severe disease pressure. Also, check local State Extension Service application schedules.

Use the pound/acre rate for concentrate sprayers (less than 400 gallons) and aerial application. Use the pound/100 gallon rate for dilute ground application. Higher spray volume will generally result in better coverage and better disease control.

This product is not for homeowner use.

RESISTANCE MANAGEMENT

To avoid the development of tolerant or resistant strains of fungi, always tank mix Quali-Pro TM 85 WDG with a fungicide of different chemistry and/or alternate a fungicide of different chemistry with Quali-Pro TM 85 WDG at each application. **DO NOT USE PRODUCTS CONTAINING THIABENDAZOLE IN COMBINATION OR IN ROTATION WITH QUALI-PRO TM 85 WDG.** If after using Quali-Pro TM 85 WDG as directed and the treatment is not effective, a tolerant or resistant strain of fungi may be present. Discontinue the use of Quali-Pro TM 85 WDG for at least one season. Do not use products containing thiabendazole as substitutes for Quali-Pro TM 85 WDG, as they are of similar chemistry and will contribute to the development of resistance. As long as these precautions are followed, Quali-Pro TM 85 WDG can be useful for disease control even if resistant strains are present.

CHEMIGATION STATEMENT

Do not apply this product through any type of irrigation system.

**USE SITES
CONIFERS***

CROP	DISEASES	LB/ACRE	RATE: MINIMUM GALLONAGE	REMARKS
CONIFERS* Pine Austrian Red Scots Christmas trees	Tip Blight (<i>Diplodia</i>)	56 oz. (3.5 lbs. product)	13 oz. product per acre applied in spray solution at a rate of 100 gallons per acre	Apply at bud break. Repeat 10 to 14 days later just before needles emerge from sheath. Repeat again 10 to 14 days after needle emergence.
Fir Douglas	Swiss Needle Cast (<i>Phaenocarpa</i>) Rhabdocline Needle Cast	56 oz. (3.5 lbs. product)	13 oz. product per acre applied in spray solution at a rate of 50 gallons per acre	Apply initially in early May. Repeat at 4-week intervals.

- *Not registered for use in California.
- Add a spreader/sticker to improve coverage.

<ul style="list-style-type: none"> • Use minimum gallonage with mist-blower types of sprayers and higher gallonage with conventional sprayers. • Do not graze livestock in treated areas. 				
CONIFERS* (seedling treatment) Longleaf	Brown Needle Blight (<i>Scirrhia</i>)	---	0.8 oz./9.5 oz. dry kaolinite clay for seedling roots	Wet seedling roots in clean water; then apply Quali-Pro TM 85 WDG/kaolinite mixture to wet roots.
Loblolly Longleaf Slash	Fusarium and Rhizoctonia Root Rot	---	1.6 oz./50 oz. kaolinite clay, plus enough water to make a slurry.	Thoroughly cover seedling roots with Quali-Pro TM 85 WDG/kaolinite slurry.
<p>*Not registered for use in California.</p> <ul style="list-style-type: none"> • Do not apply mixture to seedling foliage. • During treatment, avoid excessive drying of roots or exposure to temperatures greater than 90°F or less than 32°F. • Quali-Pro TM 85 WDG does not control <i>Pythium</i> or <i>Phytophthora</i>. 				

NOTE: Dilute sprays must not to exceed maximum rate per acre.

**HORTICULTURAL APPLICATIONS
GREENHOUSE, NURSERY, LANDSCAPE, AND INTERIORSCAPE**

Quali-Pro TM 85 WDG, provides broad-spectrum systemic disease control on containerized woody, flowering, herbaceous, and tropical foliage ornamental plants and trees for many foliar, stem, and below-ground diseases. Quali-Pro TM 85 WDG is an effective disease management tool when applied as a foliar spray, soil drench, or plant dip treatment.

Make applications of Quali-Pro TM 85 WDG with ground equipment using sufficient spray volume to provide thorough coverage. Under conditions of severe disease pressure or when application intervals are shorter than 14 days due to persistent rainfall, use the higher concentration or rates provided in this label. Consult your local State Extension Service specialist for application schedule.

IMPORTANT: If specified treatments of Quali-Pro TM 85 WDG are ineffective, a tolerant strain of fungus may be present. Consult your Control Solutions Inc. representative or distributor or your local State Agricultural Experiment Station for advice on prompt use of some other labeled fungicide.

Apply Quali-Pro TM 85 WDG 14 to 21 days prior to appearance of a particular disease and at the very latest, upon first sign of disease. Spray intervals usually range from 7 to 14 days with 14 days being for preventative treatments and the 7-day interval for times when disease development is likely. For hard-to-wet foliage, an acceptable wetting agent may be added to the spray tank to increase product efficacy. Use of a spreader/sticker is suggested when excessive and repeated foliar wetting occurs. Quali-Pro TM 85 WDG may be used to control listed diseases on noncommercial fruit and nut trees. Do not use fruit or nuts from trees treated with this product as food. Do not apply this product to home orchards or backyard fruit trees after fruit set.

Note: Quali-Pro TM 85 WDG has been determined to be safe for use on the plant types listed in these directions for use based on cumulative data derived from research trials and historical field use. As all species and cultivars have not been tested, make trial applications if a user wishes to make an application to a plant type not listed on the label but found on a similar use site and for disease that is listed on the label. To conduct a trial application, apply at least two applications to at least 25 trial plants at the highest concentration, 7 days apart. Evaluate 7 days after the last application before initiating full-scale application. Do not use this product on the following plants: Swedish Ivy (*Neprolepsis exaltata*), Boston Fern (*Plectranthus australis*), and Easter Cactus (*Hatiara gaertneri*).

Plant Type	Such as but not limited to:
Herbaceous Bedding	Ageratum, Begonia, Canna, Coleus, Dahlia, Dusty Miller, Foxglove, Fuchsia, Geranium, Impatiens, Lavender, Marigold, Pansy, Petunia, Pinks, Primrose, Salvia, Statice, Strawflower, Tickseed, Verbena
Flowering	Chrysanthemum, Hydrangea, Hollyhock, Iris, Lily, Poinsettia
Tropical Foliage	Dieffenbachia, Dracaena, English Ivy, Philodendron, Pothos
Woody Ornamentals	Azalea, Hibiscus, Holly, Ligustrum, Rhododendron, Rose, Pyracantha

Evergreen Trees	Douglas Fir, Fir, Larch, Pine, Spruce
Deciduous Trees*	Ash, London Plane, Maple, Oak, Sycamore, Walnut
Flowering Trees*	Cherry, Crabapple, Hawthorn, Mountain Ash, Pear

*Do not use fruit or nuts from treated trees as food or feed.

APPLICATION RESTRICTIONS

Maximum Single Application Rates:

Ornamentals: Do not exceed the maximum single application rate of 3.5 lbs. Quali-Pro TM 85 WDG per acre (3.0 lbs. thiophanate-methyl active ingredient per acre).

Cut Flowers: Do not exceed the maximum single application rate of 0.59 lb. Quali-Pro TM 85 WDG per acre (0.5 lb. thiophanate-methyl active ingredient per acre).

Seasonal Maximum Application:

All Ornamentals: Do not apply more than 353 lbs. Quali-Pro TM 85 WDG per acre per season (300 lbs. thiophanate-methyl active ingredient per acre per season).

FOLIAR SPRAY: PLANT TYPES AND DISEASES CONTROLLED

DISEASE(S)	PLANT TYPES
Anthracnose	Woody ornamentals, shade trees ¹
Ascochyta Blight	Herbaceous ornamentals
Black Spot	Roses
Brown Rot	Woody and herbaceous ornamentals
Colletotrichum	Woody and herbaceous ornamentals
Cercospora Leaf Spot	Woody and herbaceous ornamentals
Corynespora Leaf Spot	Ligustrum
Didymellina Leaf Spot	Iris
Diplodia Tip Blight (<i>Diplodia pinea</i>)	Shade and ornamental trees
Entomosporium Leaf Spot	Woody and herbaceous ornamentals
Fusicladium Leaf Scab	Woody and herbaceous ornamentals
Gray Mold (<i>Botrytis</i>)	Woody and herbaceous ornamentals
Ovulinia	Azalea, rhododendron ²
Phomopsis Blight	Woody and herbaceous ornamentals
Pine Tip Blights	Woody plants
Powdery Mildew	Woody and herbaceous ornamentals
Rust Diseases	Ornamental nut and fruit trees
Ramularia Leaf Spot	Herbaceous ornamentals
Scab	Pyracantha, flowering crab, ornamental fruit and nut trees
Septoria Leaf Spot	Woody and herbaceous ornamentals
Venturia Leaf Scab	Woody and herbaceous ornamentals

¹ Begin at bud and make 2 or 3 additional applications at 10- to 14-day intervals.

² Begin treatment as flowers open. Addition of a spray surfactant to the spray mixture improves distribution of the spray on hard-to-wet plants such as roses.

FOLIAR DISEASES/PATHOGENS CONTROLLED	CONCENTRATION OF QUALI-PRO TM 85 WDG OZ./100 GALS.	REMARKS
Anthracnose (<i>Colletotrichum</i>)	7.2-9.6	Apply as buds break or at first sign of disease. Repeat application every 7 to 14 days as needed during disease period.
Black Spot of Rose (<i>Diplocarpon rosae</i>)	7.2-9.6	Apply early summer or at first sign of disease. Repeat application every 7 to 14 days as needed during disease period.
Brown Rot and Blight (<i>Monilinia, Sclerotinia, Whetzellinia</i>)	7.2-9.6	Apply late spring or at first sign of disease. Repeat application every 7 to 14 days as needed during the disease period.
Fusicladium and Venturia Leaf Scabs on: Crabapple, Hawthorn, Pear, Mountain Ash, Pyracantha,	7.2-9.6	Apply as buds break. Repeat application every 7 to 14 days during disease period. Effective control requires coverage during leaf expansion.

etc.		Rotations and/or tank mixes with mancozeb, chlorothalonil, or propiconazole can be utilized. Do not use fruit from treated trees for food or feed purposes.
Leaf Spots and Blights caused by: <i>Ascochyta, Blumeriella, Botrytis, Cercospora, Coccomyces, Corynespora, Curvularia, Didymellina, Entomosporium, Fabraea, Fusarium, Ramularia, Rhizoctonia, Marssoninia, Mycosphaerella, Myrothecium, Phoma, Physalospora, Schizothyrium, Septoria, Sphaceloma</i>	7.2-9.6	Make applications when disease symptoms first appear. Repeat every 7 to 14 days during disease period. Rotations with mancozeb or chlorothalonil can be used.
Ovulinia Blight	4.8-9.6	Apply as flowers open. Repeat every 7 to 14 days during disease period.
Powdery Mildews <i>Erysiphe, Microsphaera, Phyllactinia, Podosphaera, Oidium, Sphaerotheca</i>	7.2-14.0	Apply when disease first appears and repeat applications every 7 to 14 day during disease period. Rotations with other effective products such as those containing mancozeb and triadimefon can be used.
Rust Diseases caused by: <i>Puccinia, Gymnosporangium, Uromyces</i>	7.2-9.6	Apply late spring or when symptoms first appear. Repeat applications every 7 to 14 days during disease period. Rotations with other effective products such as those containing mancozeb and chlorothalonil can be used.
Tip Blight of Pine <i>Sphaeropsis sapinea, Diplodia pinea</i>	9.6-14.0	Begin applications in the spring when new growth starts. Make a second application just prior to needle emergence from the sheath and a third application 7 days later. Ensure thorough coverage.
Twig Blights, Cankers, and Diebacks <i>Diaporthe, Kabatine, Phoma, Phomopsis</i>	9.6-19.2	Apply when symptoms first appear. Repeat applications every 7 to 14 days during disease period.

SOIL DRENCH APPLICATIONS

Mixing Instructions: Follow the mixing instructions in the **PRODUCT INFORMATION** section of this label.
Application Rates and Timing for Disease Control: Use 4.8-9.6 oz. of Quali-Pro™ 85 WDG per 100 gallons of water. Apply as a drench or heavy spray at the rate of 1/2 to 2 pints per square foot (100 gallons per 400 to 1600 square feet). For small pots and shallow flats up to 4 inches in size, use 4.8 oz./100 gallons applied at 1 pint. For containers and pots 4 inches or larger, refer to the following table for the volume to apply. Make repeat applications at 21- to 28-day intervals depending on disease presence and conditions for disease development.

Container Type	Volume to Apply/Container	
	1 pt/sq ft Rate	2 pt/sq ft Rate
4 inch	1.2 fl. oz.	---
5 inch	1.5 fl. oz.	---
6 inch	---	3.0 fl. oz.
7 inch	---	5.1 fl. oz.
8 inch	---	6.6 fl. oz.
9 inch	---	8.4 fl. oz.
10 inch	---	10.5 fl. oz.

For containers larger than 10 inches, a drench volume of 2½ to 3 pints per square foot of surface area may be required.

Plant Types: Containerized woody shrubs, trees, herbaceous/bedding, flowering, and tropical foliage plants and flowers and bedding plants in the landscape.

Note: Do not apply this product to plug trays or seedling flats at time of seeding.

Stem, Crown, and Root Rots caused by: *Botrytis, Cyindrocladium, Fusarium, Gliocladium, Myrothecium, Penicillium, Ramularia, Rhizoctonia, Sclerotinia, and Thielaviopsis.*

Note: *Pythium, Phytophthora, and Cyindrocladium spathiphyllum* are not controlled by Quali-Pro TM 85 WDG.

PLANT DIP TREATMENT

Follow accepted hygiene practices to minimize the introduction and spread of water-borne bacterial and water-mold fungal diseases. Wear protective clothing as described under the **PERSONAL PROTECTIVE EQUIPMENT** section of this label.

Mixing Instructions: Follow the mixing instructions in the **PRODUCT INFORMATION** section of this label.

Application Concentration and Dipping Time

Plants or Cuttings: Use 7.2-9.6 oz of Quali-Pro TM 85 WDG per 100 gallons of water. Immerse plants or cuttings for 10 to 15 minutes, remove, and allow to drain and dry.

Bulbs, Corms, Tubers, and Rhizomes: Use 9.6-19.2 oz of Quali-Pro TM 85 WDG per 100 gallons of water. Soak cleaned bulbs for 15 to 30 minutes in warm solution (80-85°F) within 48 hours of digging. Dry bulbs after treatment. If bulbs are for forcing, treat bulbs that have been heat cured.

Plant Types: Propagated units of woody, herbaceous, flowering, and tropical foliage plants. Bulbs, corms, tubers, and rhizomes of plants such as but not limited to Caladium, Easter Lily, Tulip, Gladiolus, Daffodil, Iris.

Diseases Controlled: *Botrytis, Cyindrocladium, Fusarium, Gliocladium, Myrothecium, Penicillium, Ramularia, Rhizoctonia, Sclerotinia, and Thielaviopsis.*

TURF APPLICATIONS

Quali-Pro TM 85 WDG may be used against certain foliar and soil diseases for use on all turf types such as golf courses (greens, tees fairways, and aprons), commercial areas, residential areas, and public areas (such as home lawns, parks, athletic fields, cemeteries, schools, and day care centers).

Turf Types: All cool-season and warm-season grasses such as but not limited to Bentgrasses, Bermudagrasses, Bluegrasses, Fescues, Ryegrasses, St. Augustine grasses and Zoysiagrasses or their mixtures.

Do not apply with fixed wing or rotary aircraft. Quali-Pro TM 85 WDG may be used both preventatively and curatively and is not phytotoxic to the turf types listed above and when used according to label instructions. Do not use Quali-Pro TM 85 WDG on turf being grown for sale or other commercial uses such as sod. Do not graze animals on treated turf nor feed clippings to livestock or poultry.

Mixing Instructions: Follow the mixing instructions in the **PRODUCT INFORMATION** section of this label.

Turf Application Directions: Apply Quali-Pro TM 85 WDG uniformly over the area to be treated with a properly calibrated power sprayer. Apply after mowing or avoid mowing for 12 hours after application. Apply sufficient water to obtain thorough coverage; usually 1½ to 2½ gallons per 1000 sq. ft. of turf area. When treating golf greens, always treat aprons and approaches to golf greens.

DISEASE(S) CONTROLLED	RATE OF QUALI-PRO TM 85 WDG OZ./1000 SQ. FT. *	REMARKS
Anthracnose (<i>Colletotrichum graminicola</i>)	1.2-2.4 (2.4-3.6)**	For prevention in historic disease pressure areas, apply twice at 14-day intervals when soil temperature reaches 50°F. For curative control, apply when disease first appears and continue to make additional applications at 14-day intervals as needed. Allow spray to dry on leaves with no watering in. **Use the 2.4-3.6 oz. rate for curative response to Basal Stem Anthracnose. Rotations and/or tank mix combinations with chlorothalonil or triadimefon can be utilized.
Bentgrass Dead Spot	2.4-3.6	For prevention, apply in early June

<p>(<i>Ophiosphaerella agrostis</i>)</p>		<p>or based upon local Extension Service suggestions. Apply at 14-day intervals.</p>
<p>Bermudagrass Decline (<i>Gaeumannomyces graminis</i> var. <i>graminis</i>) Take-all Patch (<i>Gaeumannomyces graminis</i> var. <i>avenae</i>)</p>	<p>2.4-3.6</p>	<p>Apply in mid-July or when disease symptoms first appear and repeat at 14-day intervals for suppression. Use higher rates under most severe disease conditions. Water treatment into active root zone. Follow proper agronomic practices to maintain plant vigor.</p>
<p>Cool-Season Brown Patch (<i>Rhizoctonia cerealis</i>) Nectrotic Ring Spot (<i>Leptosphaeria korrea</i>) Spring Dead Spot (<i>Leptosphaeria korrea</i>)</p>	<p>2.4-3.6</p>	<p>For prevention, apply in the fall before turf has stopped all growth activity. Apply second application in early spring when soil temperatures reach 55-60°F or when disease first appears. For curative action, apply when disease first appears in early spring and continue at 14-day intervals. Water treatment into active root zone.</p>
<p>Coprinus Snow Mold (<i>Coprinus psychromorbidus</i>)</p>	<p>2.4-3.6</p>	<p>Apply 2 treatments at 21-day intervals in the late fall to early winter with the last application made just prior to first permanent snow cover. Rotations and/or tank mix combinations with PCNB can be utilized.</p>
<p>Dollar Spot (<i>Sclerotinia homoeocarpa</i>, <i>Lanzia</i>, and <i>Moellerodiscus</i>) Ascochyta Leaf Blight (<i>Ascochyta</i>) Copper Spot (<i>Gloeocercospora sorghi</i>) Fusarium Patch (<i>Fusarium nivale</i>) Large Brown Patch (<i>Rhizoctonia solani</i>) Red Thread (<i>Laetisaria fuciformis</i>) Zoysia Patch (<i>Rhizoctonia solani</i>)</p>	<p>1.2-2.4</p>	<p>Apply when disease first appears. Make additional applications at 14-day intervals as needed. Allow spray to dry on leaves with no watering in. Rotations and/or tank mix combinations with chlorothalonil, iprodione, or mancozeb can be utilized.</p>
<p>Fusarium Blight (<i>Fusarium roseum</i>)</p>	<p>2.4-3.6</p>	<p>Make two applications at 14-day intervals beginning applications when the disease first appears.</p>
<p>Gray Leaf Spot: (<i>Pyricularia grisea</i>)</p>	<p>2.4-3.6</p>	<p>Apply when conditions are favorable for disease development. Continue at 14-day intervals. Let the spray dry on leaves with no watering in.</p>
<p>Leaf Spot (<i>Drechslera</i>) Leaf, Crown, and Root Diseases (<i>Bipolaris</i>, <i>Curvularia</i>, <i>Exserohilum</i>)</p>	<p>2.4-3.6</p>	<p>Apply when disease first appears and make applications at 14-day intervals as needed. Under severe conditions, utilize rotations and/or tank mix combinations with chlorothalonil, iprodione, or mancozeb.</p>
<p>Pink Snow Mold (<i>Microdochium nivale</i>)</p>	<p>1.2-2.4</p>	<p>Apply Quali-Pro TM 85 WDG in late fall to early winter before turf has stopped all growth activity. A second application may be used in combination with chlorothalonil, PCNB, or thiram at labeled rates</p>

		before snow cover or during spring thaw.
Rusts (<i>Puccinia, Uromyces</i>)	2.4-3.6	Apply at 14-day intervals when disease first appears. Rotations and/or tank mixtures with chlorothalonil or mancozeb may be utilized.
Stripe Smut (<i>Ustilago striiformis</i>)	2.4-3.6	Make two applications at 14-day intervals when disease first appears. Water into root zone after application. For prevention, apply in the spring (just before grass begins growth) and in the fall.
Summer Patch (<i>Magnaporthe poae</i>)	2.4-3.6	For preventative treatment, make 3 applications at 21-day intervals beginning in late April or early May. Water product into the root zone thoroughly after application. For suppression, apply two applications at 14-day intervals beginning applications when the disease first appears. Water product into the root zone thoroughly after application.

*Refer to the **USE SITES AND MAXIMUM APPLICATION RATES** table below to determine allowable rates for each application.

USE SITES AND MAXIMUM APPLICATION RATES

USE SITE	MAXIMUM SINGLE APPLICATION RATE PER OZ./1000 SQ. FT.	MAXIMUM SEASONAL APPLICATION RATE OF QUALI-PRO™ 85 WDG OZ./1000 SQ. FT.
Golf Course Greens/Tees/Aprons	3.5	9.2
Golf Course Fairways (Except Florida)	2.4	2.4
Golf Course Fairways (Florida only)	1.2	1.2
Residential and Public areas (home lawns, parks, athletic fields, schools, day care centers)	1.2	4.6

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in original container in dry area. Do not store in a manner where cross-contamination with other pesticides, fertilizers, food, or feed could occur. If spilled during storage or handling, absorb with sand or other inert material and dispose of absorbent in accordance with the **PESTICIDE DISPOSAL** instructions listed below.

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 used 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 HANDLING:

Nonrefillable Container (flexible-bag-all weights): Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. After bag has been emptied, 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.

Nonrefillable Container (rigid-fifty lbs. 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. 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.

Nonrefillable Container (rigid-greater than fifty lbs.): 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 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.

Refillable Container: Refillable container. Refill this container with thiophanate methyl 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.

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.

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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.

