

# QUALI-PRO<sup>®</sup>

## Quali-Phite<sup>®</sup> F

A FUNGICIDE FOR THE SUPPRESSION AND CONTROL OF  
PHYTOPHTHORA, PYTHIUM AND DOWNY MILDEW

**ACTIVE INGREDIENTS:**

Mono- and di-potassium salts of Phosphorous Acid* .....	45.5%
<b>OTHER INGREDIENTS:</b> .....	54.5%
<b>TOTAL:</b> .....	100.0%

\*Contains 5.41 lbs/gal of the active ingredients of Mono- and di-potassium salts of Phosphorous Acid

\*Equivalent to 3.38 lbs/gal Phosphorous Acid

EPA Reg. No. 83472-1-53883

EPA Est. No. 73771-CA-1

### KEEP OUT OF REACH OF CHILDREN CAUTION

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>
HOTLINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact SafetyCall <sup>®</sup> (866) 897-8050 for emergency medical treatment information.	

See inside booklet for complete First Aid, Precautionary Statements, Directions for Use, and Conditions of Sale and Warranty.

Manufactured For: Control Solutions, Inc. • 5903 Genoa-Red Bluff • Pasadena, TX 77507

**Net Contents: 2.5 gallons (9.48 liters)**

EPA031212/REV A

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

CAUTION. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Harmful if absorbed through skin. Remove and wash contaminated clothing before reuse. Wear the appropriate Personal Protective Equipment (PPE).

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

**Applicators and other handlers must wear:**

- a. long-sleeved shirt and long pants
- b. waterproof gloves
- c. shoes plus socks
- d. protective eyewear

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**USERS SAFETY RECOMMENDATIONS**

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

**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 disposing of equipment washwater or rinsate.

**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 to be in the area during application. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.

**AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard (WPS), 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, notifications, 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 (REI). The requirements in this box only apply to uses of this product that are covered by the WPS.

Do not enter or allow worker entry into treated areas during the REI of 4 hours.

For early entry to treated areas that is permitted under the WPS and that involves contact with anything that has been treated, such as plants, soil, or water, wear coveralls, waterproof gloves, shoes and socks, and protective eyewear.

**NON-AGRICULTURAL USE REQUIREMENTS**

The requirements of this box apply to uses of the 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 treated areas without protective clothing until sprays have dried.

**CHEMIGATION:** Apply this product only through the following types of systems: sprinkler including center pivot, lateral move, end tow, side (wheel) roll, traveler, big gun, solid set, hand move, fanjet or micro-sprinkler; or drip (trickle). Do not apply this product through any other type of irrigation system.

Crop injury, lack of effectiveness or illegal pesticide residues in the crop can result from non-uniform distribution of treated water.

If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.

Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label prescribed safety devices for public water systems are in place.

A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

**CHEMIGATION SYSTEMS CONNECTED TO PUBLIC WATER SYSTEMS:**

Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.

Chemigation systems connected to public water system must contain a functional, reduced pressure zone (RPZ) backflow preventer or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the flow outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.

The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.

The pesticide injection pipeline must also contain a functional, normally closed, solenoid operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops or, in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected.

Systems must use a metering pump, such as a positive displacement injection pump (e.g. diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

Do not apply when wind speed favors drift beyond the area intended for treatment.

Use a pesticide supply tank that is equipped with a means for continuous agitation either by recirculation or a mechanical agitator. Charge the supply tank with the appropriate amount of water and add the pesticide slowly followed by any sticker-spreaders, insecticides, nutrients, etc. Observe all directions, cautions and limitations on the label of the product(s) being mixed.

For fixed position irrigation systems, apply the pesticide towards the end of the irrigation period. Exact timing will depend on the desired pesticide application rate and calibration of the system. Apply the pesticide continuously through irrigation systems that move and do not irrigate the same or fixed area during the irrigation cycle.

Complete the pesticide injection in sufficient time to allow the pesticide to be completely flushed out of the irrigation system before the system is shut down.

**SPRINKLER CHEMIGATION:** The system must contain a functional check valve, vacuum relief valve and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from back flow.

The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.

The pesticide injection pipeline must also contain a functional, normally closed, solenoid operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.

The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.

Systems must use a metering pump, such as a positive displacement injection pump (e.g. diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with system interlock.

Do not apply when wind speed favors drift beyond the area intended for treatment.

Use a pesticide supply tank that is equipped with a means for continuous agitation either by recirculation or a mechanical agitator. Charge the supply tank with the appropriate amount of water and add the pesticide slowly followed by any sticker-spreaders, insecticides, nutrients, etc. Observe all directions, cautions and limitations on the label of the product(s) being mixed.

For fixed position irrigation systems, apply the pesticide towards the end of the irrigation period. Exact timing will depend on the desired pesticide application rate and calibration of the system. Apply the pesticide continuously through irrigation systems that move and do not irrigate the same (fixed) area during the irrigation cycle.

Complete the pesticide injection in sufficient time to allow the pesticide to be completely flushed out of the irrigation system before the system is shut down.

**DRIP (TRICKLE) CHEMIGATION:** The system must contain a functional check valve, vacuum relief valve and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from back flow.

The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.

The pesticide injection pipeline must also contain a functional, normally closed, solenoid operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.

The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.

System must use a metering pump, such as a positive displacement injection pump (e.g. diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

Use a pesticide supply tank that is equipped with a means for continuous agitation either by recirculation or a mechanical agitator. Charge the supply tank with the appropriate amount of water and add the pesticide slowly followed by any sticker-spreaders, insecticides, nutrients, etc. Observe all directions, cautions and limitations on the label of the product(s) being mixed.

Apply the pesticide towards the end of the irrigation period. Exact timing will depend on the desired pesticide application rate and calibration of the system.

Complete the pesticide injection in sufficient time to allow the pesticide to be completely flushed out of the irrigation system before the system is shut down.

#### **APPLICATION INSTRUCTIONS FOR ORNAMENTAL PLANTS, CONIFERS AND TURF**

##### **GENERAL APPLICATION INSTRUCTIONS**

Apply this product by various application methods, including foliar spray (aerial and ground), soil drench, soil incorporation and bare root dip. For foliar sprays, apply this product with sufficient water volumes for adequate coverage of foliage, according to crop and growth stage.

Make applications prior to disease development in conjunction with good cultural management practices. Do not exceed the use rates or apply more frequently than the specified interval or plant injury can occur. Do not apply to plants that are dormant or heat or moisture stressed. To avoid undesirable copper Phytotoxicity, do not make foliar applications to plants treated with copper-based compounds at less than 20 day intervals unless instructed to do so by your crop consultant. Allow foliage to dry completely after application. Do not apply when conditions favor wet tissue for prolonged periods (>4 hours).

##### **MIXING INSTRUCTIONS**

1. Fill the spray tank with  $\frac{1}{2}$  to  $\frac{3}{4}$  of the required volume of water before adding the product.
2. Add the product slowly to the tank and agitate by hydraulic or mechanical means.
3. Continue to fill the tank with water to the desired volume while agitating.
4. Continue agitation when applying.

##### **COMPATIBILITY**

This product is compatible with most products used in agriculture. However, crop sensitivity to these mixtures may vary. If these combinations or others have not been previously used, do not tank mix without first testing the mixture's compatibility nor apply it without assessing its safety to the crop (Phytotoxicity).

The use of spray adjuvants (i.e. stickers, spreaders, wetting agents) will enhance this products performance. If an adjuvant is used with this product, test before use for compatibility. Do not use strongly acidifying compatibility agents.

To determine the compatibility of this product with other products, use a jar compatibility test. Add the correct proportions of each product and the appropriate quantity of water to clean container, thoroughly mix, then let stand for 3-5 minutes. If the mixture remains in solution or can be remixed readily, the products are considered compatible.

To determine if a combination is phytotoxic to a specific crop, spray a few plants/trees/vines, then evaluate 3-7 days later for visual effects.

**ROSES**

DISEASE	APPLICATION METHOD	APPLICATION RATE	APPLICATION PROGRAM
Root Rot and Cankers ( <i>Phytophthora</i> and <i>Pythium</i> spp.) Downy Mildew, Bacterial Blight, Xanthomonas  † <b>Suppression**</b> of Foliar Diseases Black Spot ( <i>Diplocarpon</i> spp.),	Foliar Spray	Apply 1-2 quarts/acre (2-5 L/ha) in a minimum of 100 gallons/acre (950 L/ha) of water.	Apply at 2-4 week intervals and repeat as needed. Application rates depend upon plant type, maturity and spray technique/method. Do not apply more than 6 times per crop cycle.
	Soil Drench:  Soil Incorporation:	Mix 1-2 quarts (1-2 L) in 100 gallons (380 L) of water.  Mix 4-16 fl oz/cubic yard (150-700 ml/m <sup>3</sup> ) of soil media.	Apply using hand held, mechanical, or motorized spray equipment, or as a chemigation drench or directed spray using applicable sprinkler or low volume irrigation systems to propagation beds, containers, pots, trays, or nursery or landscape beds at a rate to thoroughly soak the growing media through the root zone. A general guide is 1-2 quarts/sq ft (5-10 L/m <sup>2</sup> ) of the diluted mixture depending on the media type and depth (about 3 fl oz/3 inch pot or 6 fl oz/6 inch pot or about 80 ml/10 cm pot and 120 ml/15 cm pot).  Mix product with soil media immediately before potting. If conditions are favorable for disease development, applications as a foliar spray or soil drench will enhance protection.
† <b>Suppression**</b> of Powdery Mildew	Foliar Spray Aerial:  Ground:	Apply 1-1.5 quarts/acre (2-3.5 L/ha) in a minimum of 20 gallons/acre (190 L/ha) of water.  Apply 1-2 quarts/acre (2-5 L/ha) in a minimum of 75 gallons/acre (700 L/ha) of water.	<b>Low Disease Pressure*</b> : Apply lower rate at the first onset of the disease. Repeat applications at 1-2 week intervals. Do not apply more than 6 times per crop cycle.  <b>High Disease Pressure*</b> : Apply higher rate at the first onset of the disease. Repeat applications at 7-10 day intervals. Do not apply more than 6 times per crop cycle.

†Not registered for use in CA unless accompanied by a supplemental label.

**ORNAMENTALS, such as:**

Annual and Perennial Flowers, Bedding Plants, Foliage Plants, Ground Covers, Deciduous and Evergreen Trees and Shrubs in the Field, Container, and Conifer Nursery, Lath or Shade House, Greenhouse, Residential, Commercial and Municipal Landscapes. Use in Greenhouses:

Ornamentals and Bedding Plants such as: Ageratum, Aglaonema, Algerian Ivy, Anthurium, Aphelandra, Arborvitae, Artemisia, Aster, Azaleas, Baby's Breath, Begonia, Bougainvillea, Boxwood, Caladium, Carnation, Cattelya Skinneri, Ceanothus, Chrysanthemum, Cissus, Coleus, Columbine, Cotoneaster, Daisy, Delphinium, Dieffenbachia, Dogwood, Easter Lily, English Ivy, Ficus, Foxglove, Gaillardia, Geranium, Gloxinia, Hibiscus, Impatiens, Japanese Holly Juniper, Leather-Leaf Fern, Marigold, Monterey Pine, Pansy, Peperomia, Petunia, Philodendron, Phlox, Photinia, Pieris, Pinks, Pittosporum, Poinsettia, Pothos, Primrose, Prostrate Rosemary, Rhododendron, Salvia, Schefflera, Sedum, Sempervivum, Snapdragon, Spathiphyllum, Taxus Media, Verbena, Vinca, White Cedar, White Pine, Zinnia, Zygocactus, etc.

DISEASE	APPLICATION METHOD	APPLICATION RATE	APPLICATION PROGRAM
† <b>Suppression**</b> of Foliar Diseases	Foliar Spray Aerial:	Apply 1-1.5 quarts/acre (2-3.5 L/ha) in a minimum of 20 gallons/acre (190 L/ha) of water.	Apply at 2-3 week intervals and repeat as needed. Use the lower rate on sensitive plants. For greenhouse applications, do not exceed the lower rate (1 quart/100 gallons/acre of water or 2 L/950 L/ha of water). Do not apply more than 6 times per crop cycle.  Apply 25 gallons of solution per 100 square feet. Irrigate to distribute solution through soil. Repeat as required. Limit to one application per month.  Mix immediately before potting. If conditions are favorable for disease development, a foliar spray or soil drench application will enhance protection.  Dip transplants into diluted mixture keeping roots submerged for 20-30 seconds. Plant within 48 hours. Make a fresh solution daily.  Apply with normal irrigation schedule. Follow Foliar Spray <b>APPLICATION PROGRAM</b> as stated above. Do not apply more than 6 times per crop cycle.
	Ground:	Apply 1-2 quarts/acre (2-5 L/ha) in a minimum of 100 gallons/acre (950 L/ha) of water.	
	Soil Drench	Mix 6-13 fl oz (180-390 ml) in 100 gallons (380 L) of water.	
	Soil Incorporation	Mix 1-2 pints/cubic yard (600-1200 ml/m <sup>3</sup> ) of soil.	
	Root Dip	Mix a 0.25% v/v solution (1 quart/100 gallons of water or 1 L/400 L of water).	
Downy Mildew	Foliar Spray Aerial:	Apply 0.5-1 quart/acre (1-2 L/ha) in a minimum of 20 gallons/acre (190 L/ha) of water.	<b>Low Disease Pressure*:</b> Apply lower rate at the first onset of the disease. Repeat applications at 1-2 week intervals. Do not apply more than 6 times per crop cycle.  <b>High Disease Pressure*:</b> Apply higher rate at the first onset of the disease. Repeat applications at 7-10 days intervals. Do not apply more than 6 times per crop cycle.  Application amount depends upon plant type, maturity and application technique/method.
	Ground:	Apply 1-2.5 quarts/acre (2-5 L/ha) in a minimum of 100 gallons/acre (950 L/ha) of water.	
† <b>Suppression**</b> of Powdery Mildew	Foliar Spray Aerial:	Apply 1-1.5 quarts/acre (2-3.5 L/ha) in a minimum of 20 gallons/acre (190 L/ha) of water.	<b>Low Disease Pressure*:</b> Apply lower rate at the first onset of the disease. Repeat applications at 1-2 week intervals. Do not apply more than 6 times per crop cycle.  <b>High Disease Pressure*:</b> Apply higher rate at the first onset of the disease. Repeat applications at 7-10 day intervals. Do not apply more than 6 times per crop cycle.
	Ground:	Apply 1-2 quarts/acre (2-5 L/ha) in a minimum of 50 gallons/acre (470 L/ha) of water.	

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**CONIFERS IN COMMERCIAL NURSERIES, LANDSCAPE TREES, PLANTATIONS, FORESTRY AND PARK APPLICATIONS<sup>1</sup>, such as:**

Christmas Tree Varieties, Firs, Spruces, Ash, Pines, Beech, Cedar, Chestnut, Crab Apple, Dogwood, Elm, Fir, Hawthorn, Juniper, Linden, Oaks, Birch, Eucalyptus and Willow.

DISEASE	APPLICATION METHOD	APPLICATION RATE	APPLICATION PROGRAM
Root Rot and Trunk Cankers ( <i>Phytophthora</i> <i>Pythium</i> spp.)  †Suppression** of Foliar Diseases  †Enhancement of Mycorrhization	Foliar Spray Aerial:	Apply 1-2 quarts/acre (2-5 L/ha) in a minimum of 20 gallons/acre (190 L/ha) of water.  Apply 1-2 quarts/acre (2-5 L/ha) in a minimum of 100 gallons/acre (950 L/ha) of water.	Apply as a light cover spray to foliage. Apply at 2-4 week intervals and repeat as needed. Final application amounts depend on plant type, maturity, and application technique/method. Do not apply more than 4 times per crop cycle.
	Ground:  Soil Drench	Mix 1-2 quarts (1-2 L) in 100 gallons (380 L) of water.	Apply 0.25-0.5 pints/sq ft (4-8 L/m <sup>2</sup> ) of the diluted mixture. Irrigate sufficiently to wet active root zone. Apply at a 2-4 week interval and repeat as needed. Do not apply more than 4 times per crop cycle.
	Root Dip	Mix a 0.25% v/v solution (1 quart/100 gallons of water or 1 L/400 L of water).	Dip transplants into diluted mixture keeping roots submerged for 1 to 2 minutes. Plant within 48 hours. Make a fresh solution daily.
Christmas Trees	Soil Drench	1 gallon/acre immediately after transplanting then 2 qt/acre every 30 days for 3 applications in the active growing season.	
Stem and Canker Blight ( <i>Phytophthora ramorum</i> ) i.e. Sudden Oak Death <sup>1</sup>	Trunk Injection  †Bark Applications	Make up a 15% v/v solution of Quali-Phite F (20 fl oz/gallon of water or 150 mL/L of water).  Mix Quali-Phite F and water in a 1:1 ratio (i.e. 1 gallon of Quali-Phite F plus 1 gallon of water). Add to this 3 oz (100 ml) of a silicon based surfactant.	Inject (according to injection equipment instructions) 0.5 fl oz (15 ml) of the diluted Quali-Phite F solution into one injection hole.  <b>Dosage:</b> One (1) injection per yard (or meter) of canopy diameter at the drip line. (I.e. a tree with 6 yards (or meters) of canopy diameter will require 6 injections via 6 separate injection holes). <b>Curative:</b> Inject 2 times per year in the Spring and Fall.  <b>Preventative:</b> Inject 1 time in the Spring.  Apply the Quali-Phite F solution from the base of the tree to approximately 5 feet (1.5 M) above ground, ensuring complete bark coverage. Spray over active lesions if they are accessible.

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<sup>1</sup>Use in California is limited to Oaks (Coastal, live, Shreve, Black, and Canyon), Tan Oaks and other tree species that are host to *P. ramorum*. Applications limited to injection and basal bark spray of pines, apples and cranberries, and injection of Sycamores for control of Sycamore anthracnose. Do not apply to any other tree species without consulting the list of *P. ramorum* host species listed at the following website: <http://nature.berkeley.edu/comtf/index/html>

**TURF (Warm & Cool season)\*\*\*, such as**

Golf Course, Athletic Fields, Sod Farms, Residential, Amenity, Commercial and Municipal Lawns:

DISEASE	APPLICATION METHOD	APPLICATION RATE	APPLICATION PROGRAM
† <i>Pythium</i> spp. and <i>Phytophthora</i>	Foliar Spray	Mix 3.5-5 fl oz (100-150 ml) in 1-2 gallons (4-8 L) of water.	Begin preventative applications when conditions first favor disease. Apply 1-2 gallons of diluted mixture/1,000 sq ft (4-8 L/100 m <sup>2</sup> ) as a light cover spray. Apply at a 1-4 week interval as needed. Do not mow or irrigate treated area until sprays have completely dried
<i>Pythium</i> Blight		5 fl oz/1000 sq. ft.	Apply at 7 day intervals
<b>Suppression**</b> of Brown Patch ( <i>Rhizoctonia</i> spp.) and <i>Anthracnose</i> ( <i>Colletotrichum</i> )		5 fl oz/1000 sq. ft. Apply at 1.5 gallons per 1000 sq. ft.	Apply at 7 day intervals.  Turf disease management is significantly improved when Quali-Phite F is used at the high labeled rate and is most effectively used when tank mixed with other registered fungicides.

†Not registered for use in CA unless accompanied by a supplemental label.

**TURF TANK MIXTURES\*\*\***

For **Suppression\*\*** or control of summer stress diseases caused by a complex of *Pythium* spp, *Colletotrichum* spp. and *Rhizoctonia* spp. Also for improvement of existing fungicide programs and the minimization of resistance development in pathogenic fungi. Tank mix this product with fungicides from the classes of Fungicides as listed below in accordance with the most restrictive label limitations and precautions. Do not exceed label dosage rates. This product cannot be mixed with any product containing a label prohibiting against any such mixing. To determine the compatibility of this fungicide with other products, use a jar compatibility test. Add the correct proportions of each product and the appropriate quantity of water to a clean container. Thoroughly mix and let stand for 3-5 minutes. If the mixture remains in solution or can be remixed readily, the products are considered compatible.

DISEASE	APPLICATION METHOD	APPLICATION RATE	APPLICATION PROGRAM
Complex of <i>Pythium</i> spp., <i>Colletotrichum</i> spp. and <i>Rhizoctonia</i> spp.	Tank mix with a registered fungicide for these turf declines such as a dithiocarbamate, a Triazole, a benzimidazole, a strobilurin or a Chloronitrile fungicide.	Follow product label.	Follow the most restrictive product label.

\*Check with your local Extension Agent or Crop Consultant if you are unsure about disease prevention, control or severity/pressure.

\*\*Suppression: Quali-Phite F has suppressive properties on diseases caused by certain bacteria or fungi. When applying Quali-Phite F for disease suppression, use it in combination with another registered bactericide or fungicide registered for the same crops listed on this label.

\*\*\*Do not graze livestock or poultry in treated turf areas. Do not feed forage or clippings from treated turf areas to livestock or poultry.

**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** Store in a cool, dry place.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product must 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 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.

**Refillable Container:** Refillable container. Refill this container with Mono- and di-potassium salts of Phosphorous Acid 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 CHEMICAL EMERGENCY ONLY (SPILL, LEAK, OR FIRE), CALL CHEMTREC AT 1-800-424-9300.

**Control Solutions, Inc. Warranty**  
**LIMITATION OF WARRANTY AND LIABILITY**

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

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

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

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

NOTES

# QUALI-PRO<sup>®</sup>

## Quali-Phite<sup>®</sup> F

A FUNGICIDE FOR THE SUPPRESSION AND CONTROL OF  
PHYTOPHTHORA, PYTHIUM AND DOWNY MILDEW

### ACTIVE INGREDIENTS:

Mono- and di-potassium salts of Phosphorous Acid\* ..... 45.5%

**OTHER INGREDIENTS:** ..... 54.5%

**TOTAL:** ..... 100.0%

\*Contains 5.41 lbs/gal of the active ingredients of Mono- and di-potassium salts of Phosphorous Acid

\*Equivalent to 3.38 lbs/gal Phosphorous Acid

EPA Reg. No. 83472-1-53883

EPA Est. No. 73771-CA-1

## KEEP OUT OF REACH OF CHILDREN CAUTION

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>Hotline Number</b> Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact SafetyCall <sup>®</sup> (866) 897-8050 for emergency medical treatment information.	

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Harmful if absorbed through skin. Remove and wash contaminated clothing before reuse. Wear the appropriate Personal Protective Equipment (PPE).

### 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 disposing of equipment washwater or rinsate.

### STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store in a cool, dry place.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product must 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 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.

**Refillable Container:** Refill this container with Mono- and di-potassium salts of Phosphorous Acid 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 CHEMICAL EMERGENCY ONLY (SPILL, LEAK, OR FIRE), CALL CHEMTREC AT 1-800-424-9300.**

Manufactured For: Control Solutions, Inc. 5903 Genoa-Red Bluff, Pasadena, TX 77507

**Net Contents: 2.5 gallons (9.48 liters)**

EPA 031212/REV A