

QUALI-PRO PROPICONAZOLE 14.3

A FLARE ROOT-INJECTED SYSTEMIC FUNGICIDE FOR CONTROL OF SELECTED DISEASES IN TREES

ACTIVE INGREDIENT:

Propiconazole 1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl] Methyl]-1H-1,2,4-triazole	14.3%
OTHER INGREDIENTS	85.7%
TOTAL	100.0%

EPA REG. NO. 66222-41-73220 EPA EST. NO. 64014-FL-1

STOP: READ THE LABEL BEFORE USE

FOR USE BY COMMERCIAL ARBORISTS (APPLICATORS)

KEEP OUT OF REACH OF CHILDREN

WARNING – AVISO

PRECAUCION AL USUARIO: Si Usted no puede leer o entender ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

(TO THE USER: If you cannot read or understand English, do not use this product until the label has been fully explained to you.)

FIRST AID	
IF IN EYES	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15 to 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 to 20 minutes.• Call a poison control center or doctor for treatment advice.•
IF SWALLOWED	<ul style="list-style-type: none">• Immediately call a poison control center or doctor.• DO NOT give any liquid to the person.• 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.•
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 further treatment.
Have the product container of label with you when calling a poison control center or doctor, or going for treatment. For medical emergencies involving this product call 1-800-308-5391.	
NOTE TO PHYSICIAN: There is no specific antidote for this product. Induce emesis or lavage stomach, taking care to avoid aspiration of stomach contents into lungs. Give a saline laxative and supportive therapy.	

NET CONTENTS: Each microinjection unit contains 10 mL of a solution containing 14.3% w/w propiconazole systemic fungicide

Distributed by: FLORIDA SILVICS, INC.
(dba Tree Tech Microinjection Systems)
950 SE 215th Ave., Morriston, FL 32668 U.S.A.
(352) 528-5335

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

WARNING-AVISO: Causes substantial, but temporary eye injury. **DO NOT** get into eyes or on clothing. Harmful if swallowed, inhaled, or absorbed through the skin. Avoid contact with skin or clothing. Avoid breathing vapor or spray mist.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category **C** on an EPA chemical-resistance category selection chart.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves, such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride (PVC) or Viton
- Shoes plus socks
- Protective eye wear

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate, **DO NOT** reuse them. 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.

USER SAFETY RECOMMENDATIONS

Users should:

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

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. **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 wash water.

PHYSICAL OR CHEMICAL HAZARDS

DO NOT use or store near heat or open flame.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Use only as directed for tree injection using the Tree Tech Microinjection Systems' microinjection unit.

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 requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and the Worker Protection Standard, 40 CFR 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 (WPS).

THE RESTRICTED-ENTRY INTERVAL (REI) FOR THIS PRODUCT IS "0" HOURS.

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN PLANT INJURY OR POOR DISEASE CONTROL.

A FLARE ROOT-INJECTED SYSTEMIC FUNGICIDE FOR CONTROL OF SELECTED DISEASES IN TREES AS ADMINISTERED BY THE TREE TECH MICROINJECTION SYSTEM

GENERAL INFORMATION

Quali-Pro (QP) Propiconazole 14.3 is a systemic fungicide for use as a flare root injection for prevention and treatment of (1) oak wilt (*Ceratocystis fagacearum*) of oaks (*Quercuum* spp.), (2), Dutch elm disease (*Ophiostoma ulmi*) of elms (*Ulmus* spp.), (3) sycamore anthracnose (*Apiognomonia veneta*), and (4) leaf diseases (i.e., *Venturia inaequalis*, *Gymnosporangium juniperi-virginianae*, *Pucciniastrum goeppertianum*, etc.) of crabapple (*Malus* spp.). It is required that QP Propiconazole 14.3 be administered by certified arborists or commercial pesticide applicators trained in Tree Tech Microinjection Systems microinjection technology and in the identification of tree diseases.

Retreatment should be based upon an annual inspection for the presence of disease symptoms from trees considered infected or from symptomless trees exposed to high disease incidence levels in surrounding trees. Never assume that there is residual disease control extending into subsequent years from the previous year's microinjection treatment.

HOW TO INSTALL MICROINJECTION UNITS

The flare root area is the transitional zone between the trunk and root system, Uptake of QP Propiconazole 14.3 is more effective when microinjection units are installed into the flare roots. In addition, wounds created in the flare root area close more rapidly in comparison to wounds above the flare root area

OBSERVE THESE 7 STEPS WHEN INSTALLING AND REMOVING THE TREE TECH MICROINJECTION SYSTEM

1. Heavy, thick or loose outer bark may be carefully shaved to form a smoother injection point and to assure the operator that the drill hole penetrates through the bark to the xylem tissue. Individual QP Propiconazole 14.3 microinjection units should be installed at intervals not exceeding 5 inches apart on flare roots and around the trunk circumference at the base of the tree.
2. Using a portable electric drill (600-800 rpm range) with a sharp, clean 11/64 inch (0.4cm) bit, the installer should drill a hole at each selected spacing to a depth of 1/4 to 1/2 inch (0.6 to 1.3 cm) through the bark into the wood (xylem). A slight downwardly drilling angle is recommended for more complete drainage of the Tree Tech microinjection unit. Wash the drill bit between trees with a solution of one (1) part household bleach to four (4) parts water. Rinse bit with clean water.
3. After reaching the proper depth range, the drill bit should be withdrawn carefully to avoid dislodging bark fragments around the exterior opening of the hole. The microinjection unit is inserted into the hole. The microinjection unit should be inserted into the hole and the rear barrel portion partially compressed without engaging the locking mechanism and barrel segments. Placing the plastic installation cap over the plunger end, strike the cap with a plastic hammer to seat the microinjection unit firmly in the hole. If the microinjection unit is not properly positioned in the-hole, strike the cap again until correctly seated. By striking the microinjection unit, the back end of the feeder tip is forced back into the funnel-shaped section dislodging a septum that allows the solution to flow from the microinjection unit into the tree. When the microinjection unit is positioned correctly in the tree and the internal septum is dislodged, remove the cap and, if necessary, push the rear barrel portion of the unit further downwardly until it is flush with the edge of the locking mechanism. This pressurizes the microinjection unit and assists in the evacuation of QP Propiconazole 14.3 into the vascular system of the tree.
4. Each hole should be drilled and a microinjection unit installed without delay. After the microinjection unit is properly seated, it should be activated. This sequence minimizes the flow of tree sap or resin into the hole prior to QP Propiconazole 14.3 microinjection.
5. When properly installed, the microinjection unit generates internal pressure resulting in the flow of QP Propiconazole 14.3 solution through the dispenser tube. The microinjection unit must never be activated unless installed correctly and securely in the tree to be treated.
6. Microinjection units containing QP Propiconazole 14.3 may require up to several hours or more to empty depending on the health of the treated tree and local weather conditions. Never assume that microinjection units have depressurized completely because they appear nearly empty or empty. When removing microinjection units, individuals must wear proper eye protection and chemical-resistant gloves. The individual should then cover the microinjection unit with one hand near the point of insertion into the stem while grasping the barrel end of the microinjection unit with the other hand. The microinjection unit should be turned slightly as it is slowly withdrawn from the tree.
7. After the microinjection units are removed from treated trees they must be discarded into the heavy-duty plastic disposal bag included in each case of injector units. The bag should be properly sealed and placed in the original carton. Sealed cartons should be returned freight prepaid to Tree Tech Microinjection Systems, 950 SE 215th Ave, Morriston, FL 32668

OAK WILT: OAKS

Preventative and Therapeutic Treatment

In the upper Midwest, treat oaks after June 15th. Wounds in oaks in the upper Midwest between May 15th and June 15th may attract insects that transmit the oak wilt pathogen.

Oak trees exhibiting less than 20% crown loss from oak wilt have the best chance of responding to treatment by QP Propiconazole 14.3. Preventative application is more effective than therapeutic treatment. Trees in advanced stages of disease development may not respond to treatment.

Uninfected trees will generally absorb the full amount of QP Propiconazole 14.3 within 2 hours when injected under pressure. Trees exhibiting specific symptoms or those symptomless trees immediately adjacent to a diseased tree should be considered infected. Symptomless trees separated by a primary plow line from diseased trees may be at less risk of infection. Infected trees will absorb the fungicide more slowly due to the vascular plugging caused by the disease. If the QP Propiconazole 14.3 solution is not absorbed within 24 hours, the tree is considered high risk and has a poor chance of survival.

See the **GENERAL INFORMATION** section for details on retreatment.

LEAF DISEASES: CRABAPPLES

Preventative Treatment

Make applications when the trees are in full leaf and actively growing for control of the next season's leaf disease development. Disease symptoms may not be reduced the year of application. **DO NOT** use fruit from treated trees for food and feed purposes.

See the **GENERAL INFORMATION** section for details on retreatment.

ANTHRACNOSE: SYCAMORE

Preventative Treatment

Make applications when the trees are in full leaf and actively growing for control of the next season's anthracnose development. Disease symptoms may not be reduced the year of application. **DO NOT** use fruit from treated trees for food or feed purposes.

See the **GENERAL INFORMATION** section for details on retreatment.

DUTCH ELM DISEASE IN ELMS

Preventative and Therapeutic Treatment

Accurate diagnosis of Dutch elm disease is important since QP Propiconazole 14.3 only provides control of Dutch elm disease in elms. QP Propiconazole 14.3 will be most effective when used in conjunction with other cultural practices recommended for management of Dutch elm disease (removal of dead elm trees, pruning of diseased tree limbs and branches, control of bark beetles, etc.). Trees in advanced stages of disease development may not respond to treatment. For further information on the proper diagnosis and control of Dutch elm disease, consult your local extension agent.

See the **GENERAL INFORMATION** section for details on retreatment.

STORAGE AND DISPOSAL

DO NOT contaminate water, food or feed by storage or disposal of microinjection units.

PESTICIDE STORAGE: Store product units in the closed, original container in a cool, dry, locked place out of reach of children. Store microinjection units at room temperature (45 degrees F –to- 74 degrees F). Do not freeze.

PESTICIDE DISPOSAL Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Open dumping is prohibited.

MICROINJECTION UNIT CONTAINER DISPOSAL:

IF EMPTY:: Do not reuse this container. Used microinjection units must be placed in the heavy-duty plastic bag that accompanies each case of microinjection units. The bag must be properly sealed, placed into the original shipping carton and returned freight prepaid for disposal to Tree Tech Microinjection Systems, 950 SE 215th Ave, Morriston, FL 32668.

IF PARTLY EMPTY: Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

For minor spills, leaks etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes. In the event of a major spill, fire, or other emergency, call CHEMTREC at 800-424-9300 day or night.

WARRANTY STATEMENT

FarmSaver.com LLC warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with directions under normal use conditions. It is impossible to eliminate all risks inherently associated with use of this product. Tree 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 FarmSaver.com LLC. In no case shall FarmSaver.com LLC be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the Buyer. In addition to the foregoing, no purchaser of this product (other than an end user) shall be entitled to any reimbursement for any loss suffered as a result of any suspension or cancellation of the registration for this product by the U.S. Environmental Protection Agency. Except as expressly provided herein, FarmSaver.com LLC make no warranties, guarantees, or representations of any

kind, either expressed or implied, or by usage of trade, statutory or otherwise, with regard to the product sold, including, but not limited to merchantability, fitness for a particular purpose, use or eligibility of the product for any particular trade usage. The exclusive remedy of any buyer or user of this product for any and all losses, injuries, or damages resulting from or in any way arising from the use, handling, or application of this product, whether in contract, warranty, tort, negligence, strict liability, or otherwise, shall be damages not exceeding the purchase price paid for this product or, at FarmSaver.com LLC's election, the replacement of this product.

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