

# TREE TECH® brand ALIETTE INJECTABLE

A Systemic Fungicide Administered by the Tree Tech Microinjection System to Aid in Disease Control of Ornamental, Forest, Crop-Bearing Avocado, Non-Crop-Bearing, and Christmas Trees.

Contains ALIETTE® SYSTEMIC FUNGICIDE

A Microinjection System Utilizing a Systemic Fungicide which Aids in the Control of Certain Foliar, Vascular and Root Diseases, especially Fire Blight, Bacterial Leaf Scorch and Phytophthora-related Diseases such as Avocado Root Rot, Foot Rot, Gummosis and Root Rot, in Ornamental Forest, Crop-Bearing Avocado, Non-Crop-Bearing, and Christmas Trees.

#### ACTIVE INGREDIENT:

fosetyl-AI, Aluminum tris (0-ethyl-phosphonate) . . . . .	9.5%
INERT INGREDIENTS. . . . .	90.5%
	100.0%

**NET CONTENTS:** Each microinjection unit contains 0.41 fl. oz. (12 mL) of TREE TECH® brand ALIETTE INJECTABLE fungicide

EPA Reg. No. 64014-7 EPA Est. No. 6401 4-FL-001

**STOP - READ THE LABEL BEFORE USE**

**KEEP OUT OF REACH OF CHILDREN**

#### CAUTION

See Rear Panel for Statements of Practical Treatment and other Precautionary Statements

**NET CONTENTS:** 0.41 fl. oz. (12 mL) per microinjection unit  
100 microinjection units (41.0 fl. oz or 1200 mL)  
total per case

Sold by:  
Florida Silvics, Inc  
(dba Tree Tech® Microinjection Systems)  
950 SE 215<sup>th</sup> Ave  
Morrison FL 32668

#### STATEMENT OF PRACTICAL TREATMENT

**IF IN EYES:** Hold eyelids open and flush eyes with a steady, gentle stream of water for 15 minutes. Get medical attention.

**IF ON SKIN:** Wash with plenty of soap and water. Get medical attention if irritation

#### SYMPTOMS OF POISONING

In case of **MEDICAL and TRANSPORTATION EMERGENCIES** only, call 1-800-334-7577 24 hours a day. For product information, call Tree Tech Microinjection Systems 1-800-622-2831.

#### Personal Protection Equipment

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-resistant selection chart.

Applicators and other handlers when installing or removing this product must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves, such as barrier laminate, or butyl rubber, or polyvinyl chloride
- Shoes plus socks
- Protection eyewear.

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

#### PRECAUTIONARY STATEMENTS

##### CAUTION

##### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Harmful if absorbed through the skin or inhaled. Causes eye injury. Avoid contact with skin, eyes or clothing.

#### USER SAFETY RECOMMENDATIONS

##### User's should:

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

#### ENVIRONMENTAL HAZARDS

This product is toxic to aquatic and estuarine invertebrates. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Runoff may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment wash waters.

**IMPORTANT:** Read these entire Directions and Conditions of Sale before using TREE TECH brand ALIETTE INJECTABLE fungicide.

#### 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 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). The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standards (WPS).

TREE TECH BRAND ALIETTE INJECTABLE FUNGICIDE AIDS IN THE CONTROL OF CERTAIN FOREST, ORNAMENTAL, CROP-BEARING AVOCADO, NON-CROP-BEARING, AND CHRISTMAS TREES.

**FOR TREE DISEASES:** TREE TECH brand ALIETTE INJECTABLE when administered through TREE TECH microinjection units aids in disease control in ornamental, forest, crop-bearing avocado, non-crop-bearing, and Christmas trees. TREE TECH brand ALIETTE INJECTABLE is registered for use on the following:

**Almonds** (Non-crop-bearing trees)<sup>1</sup>: To aid in the control of almond pruning wound canker. Trees exhibiting disease symptoms should be treated before leaf drop.

**Avocados** (Non-crop-bearing trees): To aid in the control of *Phytophthora* root rot caused by *Phytophthora cinnamomi*. Trees should be treated as symptoms appear.

**Avocados** (Crop-bearing trees): To aid in the control of avocado root rot caused by *Phytophthora* spp. Trees exhibiting disease symptoms should be treated as soon as symptoms appear. Do not exceed three microinjection treatments per year. Do not apply within 60 days of harvest.

**Citrus** (Non-crop-bearing trees): To aid in the control of *Phytophthora* foot rot, gummosis, and root rot caused by *Phytophthora* spp. Trees exhibiting disease symptoms should be treated as symptoms appear.

**Pome fruit** (Non-bearing apple and pear trees)<sup>1</sup>: To aid in the control of collar and root rot caused by *Phytophthora* spp., apple scab caused by *Venturia inaequalis*, and fire blight caused by *Erwinia amylovora*. Trees should be treated as symptoms appear.

**Stone fruit** (Non-bearing apricot, cherry, nectarine, peach and plum trees)<sup>1</sup>: To aid in the control of root rot caused by *Phytophthora* spp. and *Armillaria* spp., and collar rot caused by *Phytophthora* spp. Trees should be treated as symptoms appear.

**Ornamental, forest, non-crop-bearing and Christmas trees**, especially bacterial leaf scorch caused by *Xylella fastidiosa*, apple scab, fire blight, and root diseases caused by *Phytophthora* spp. and *Armillaria* spp. Trees should be treated as symptoms appear. Repeat treatments as necessary.

<sup>1</sup>By definition, non-crop-bearing trees would not produce marketable fruit for human or domestic animal consumption for 12 months after the last TREE TECH brand ALIETTE INJECTABLE application.

#### OBSERVE THESE 7 STEPS WHEN INSTALLING AND REMOVING TREE TECH MICROINJECTION UNITS

1. The number of microinjection units to be installed is based on the trunk/stem circumference at 2-to-8 inches above the soil surface. Install one microinjection unit every six (6) inches around the circumference of the trunk of the base of the tree.

2. Using a cordless, 600-to-800 rpm, electric drill with a sharp, clean 11/64-inch (0.4-cm) bit, the installer should drill a hole at each 6-inch spacing to a depth of 3/8-to-1/2 inch (0.9-to-1.1 cm approximately) through the bark into the wood (xylem). A slight downwardly angle (30 degrees) is recommended for more complete drainage of the TREE TECH microinjection unit.

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 should be inserted into the hole. Placing the plastic installation cap over the rear barrel 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 frontal dispenser tip is forced back into the funnel-shaped section dislodging an internal septum which allows the solution to flow from the microinjection unit into the tree. When the microinjection unit is positioned correctly in the tree and the septum is dislodged, remove the cap and, if necessary, push the rear barrel portion of the unit downwardly until it is flush with the edge of the locking mechanism. This pressurizes the microinjection unit and assists in the movement of the TREE TECH brand ALIETTE INJECTABLE solution into the vascular system of the tree. Disinfect the drill bit between trees with Lysol or a 20% solution of household bleach. Rinse bit with clean water.

4. Each hole should be drilled and a microinjection unit installed without delay. After the unit is properly seated, it should be activated. This sequence minimizes the flow of tree sap or resin into the hole prior to the uptake of TREE TECH brand ALIETTE INJECTABLE solution.

5. When properly installed, the microinjection unit generates internal pressure resulting in the flow of TREE TECH brand ALIETTE INJECTABLE 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 TREE TECH brand ALIETTE INJECTABLE may require up to several minutes or more to empty depending on the health of the treated tree and local weather conditions. Microinjection units should be removed as soon as the evacuation of TREE TECH brand ALIETTE INJECTABLE fungicide is completed. Never assume that microinjection units have depressurized completely because they appear nearly empty or empty. When installing and removing the microinjection units, individuals must wear protective clothing, chemical-resistant gloves, and eye protection. When removing the microinjection units, the individual should cover the unit with one hand near the point of insertion into the stem while grasping the barrel end of the unit with the other hand. The microinjection unit should be turned slightly as it is slowly

withdrawn from the tree.

7. After microinjection units are removed from the trees they may be discarded into the heavy-duty plastic disposal bag included in each case of microinjection units. The bag should be properly sealed and placed in the original carton. Sealed cartons should be returned freight prepaid for disposal to Tree Tech® Microinjection Systems, 950 SE 215<sup>th</sup> Ave, Morriston, FL 32668.

**APPLICATION:** Apply when plant root systems are established and actively growing. Apply at recommended intervals to maintain disease control.

**RESTRICTIONS:** Do not apply to avocados within 60 days of harvest. Do not use edible portions of other treated trees within one year following treatment. Do not graze livestock in treated tree areas. Do not feed forage from treated trees. Do not exceed three injections per year.

#### **STORAGE AND DISPOSAL:**

Store above freezing. Do not contaminate water, food or feed by storage or disposal. **STORAGE:** Store product in the original container in a cool, dry, locked place out of reach of children. **PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **MICROINJECTION UNIT CONTAINER DISPOSAL:** Do not reuse microinjection units. Used microinjection units should be placed in the heavy-duty plastic bag which accompanies each case of microinjection units. The bag must be properly sealed, placed in the original shipping carton, and returned freight prepaid for disposal to Tree Tech® Microinjection Systems, 950 SE 215<sup>th</sup> Ave, Morriston, FL 32668.

**CONDITIONS OF SALE:** THE DIRECTIONS ON THIS LABEL WERE DETERMINED THROUGH FIELD TESTING TO BE APPROPRIATE FOR THE CORRECT USE OF THIS PRODUCT. THIS PRODUCT HAS BEEN TESTED UNDER DIFFERENT ENVIRONMENTAL CONDITIONS BOTH INDOORS AND OUTDOORS UNDER CONDITIONS SIMILAR TO THOSE THAT ARE ORDINARY AND CUSTOMARY WHERE THE PRODUCT IS TO BE USED. INSUFFICIENT CONTROL OF PESTS OR PLANT INJURY MAY RESULT FROM THE OCCURRENCE OF EXTRAORDINARY OR UNUSUAL CONDITIONS OR FROM THE FAILURE TO FOLLOW LABEL DIRECTIONS. IN ADDITION, FAILURE TO FOLLOW LABEL DIRECTIONS MAY CAUSE INJURY TO ANIMALS, MAN, AND DAMAGE TO THE ENVIRONMENT. TREE TECH MICROINJECTION SYSTEMS OFFERS AND THE BUYER ACCEPTS AND USES THIS PRODUCT SUBJECT TO THE CONDITIONS THAT EXTRAORDINARY OR UNUSUAL ENVIRONMENTAL CONDITIONS, OR FAILURE TO FOLLOW LABEL DIRECTIONS, ARE BEYOND THE CONTROL OF TREE TECH MICROINJECTION SYSTEMS AND ARE, THEREFORE, THE RESPONSIBILITY OF THE BUYER.

1. TREE TECH MICROINJECTION SYSTEMS WARRANTS THAT THIS PRODUCT (A) CONFORMS TO THE CHEMICAL DESCRIPTION ON THE LABEL, AND (B) IS REASONABLY FIT FOR USE UNDER AVERAGE CONDITIONS WHEN USED STRICTLY IN ACCORDANCE WITH THE DIRECTIONS ON THE LABELING. TREE TECH MICROINJECTION SYSTEMS DOES NOT MAKE NOR AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTY, GUARANTEE OR REPRESENTATION, EXPRESS OR IMPLIED, CONCERNING THIS PRODUCT. SPECIFICALLY, NEITHER TREE TECH MICROINJECTION SYSTEMS NOR THE MANUFACTURER MAKE ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE.

2. Critical and unforeseeable factors beyond the control of Tree Tech Microinjection Systems and the manufacturer prevent it from eliminating all risks in connection with the use of this product. Such risks include, but are not limited to, damage to plants to which the product is applied, lack of complete control over the handling and application of this product, and damage caused by movement to other plants or crops. Such risks occur even though the product is reasonably fit under average conditions for the uses stated on the labeling and even though label directions are followed. Buyer and user acknowledge and assume all risks and liability (except those assumed by Tree Tech Microinjection Systems under 1 above) resulting from handling, storage, and use of this product.

3. NEITHER TREE TECH MICROINJECTION SYSTEMS NOR THE MANUFACTURER SHALL BE LIABLE TO BUYER FOR ANY CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES ALLEGED TO ARISE FROM TREE TECH MICROINJECTION SYSTEMS PERFORMANCE OR NON-PERFORMANCE OF ITS OBLIGATIONS FROM THE USE, SALES OR HANDLING OF THE PRODUCT, REGARDLESS OF THE LEGAL THEORY ASSERTED. BUYER'S EXCLUSIVE REMEDY IN THE EVENT OF ANY SUCH CLAIM IS LIMITED TO A REFUND OF THE PURCHASE PRICE OR REPLACEMENT OF ANY GOODS FOUND BY TREE TECH MICROINJECTION SYSTEMS TO BE DEFECTIVE. ANY SUCH CLAIMS SHALL BE DEEMED WAIVED UNLESS MADE IN WRITING WITHIN FIFTEEN (15) DAYS OF THE BUYER'S RECEIPT OF THE PRODUCT OR BUYER'S DISCOVERY OF DEFECTIVE PRODUCT, WHICHEVER DATE IS LATER.

4. Precautions stated on the labeling should be followed to avoid hazardous exposure to the product. Neither Rhone-Poulenc Ag Company nor Tree Tech Microinjection Systems nor their employees or distributors will be liable for any damages resulting from improper use of the microinjection units.

5. **NOTICE TO BUYER:** Purchase of this product does not confer any rights under patents governing this product or the use thereof in countries outside the United States.

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