



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg-  
Number:  
64014-7

Date of Issuance:  
MAR - 6 1996

NOTICE OF PESTICIDE:  
 Registration  
 Reregistration  
  
(under FIFRA, as amended)

Term of Issuance:  
Conditional

Name of Pesticide Product:  
Tree Tech Brand  
Aliette Injectable

Name and Address of Registrant (include ZIP Code):

Florida Silvics, Inc. (dba Tree Tech Microinjection Systems)  
479 S.W. 42nd Street  
Williston, FL 32696

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/reregistered 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 conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration 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.
2. Make the following label changes listed below before you release the product for shipment:
  - a. Add the phrase, "EPA Reg. No. 64014-7".
  - b. In the Hazards to Humans section delete the statements "Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash separately from household items before reuse". These are duplicates of the User Safety Recommendations.
  - c. The Statements of Practical Treatment section should be placed before the Precautionary Statements section.

Signature of Approving Official:

*Theresa A. Stone*

Date:

03/06/96

d. Move the User Safety Recommendations section to the Precautionary Statements section. Add the following statements to this section "Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing". Delete in this section "It is a violation of federal to use this product in a manner inconsistent with its labeling". Move "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" immediately after the heading "It is a violation...with its labeling". Refer to the labeling of Aliette Injectable Fungicide, EPA Registration No. 264-504.

3. Submit one (1) copy of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Theresa A. Stowe  
Acting Team Leader  
Product Manager (22)  
Fungicide-Herbicide Branch  
Registration Division (7505C)

Enclosure

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# 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 Apple Scab, 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-Al; Aluminum tris(O-ethyl-phosphonate).....	9.5%
INERT INGREDIENTS.....	<u>90.5%</u>
	100.0%

NET CONTENTS: Each microinjection unit contains ~~0.41 fl. oz.~~ (12 mL) of Tree Tech™ brand ALIETTE® INJECTABLE fungicide

ALIETTE is a Reg. TM of Rhone-Poulenc Ag Company.

EPA Reg. No. 64014-XXX

EPA Est. No. 64014-FL-001

ACCEPTED  
with COMMENTS  
In EPA Letter Dated

MAR - 5 1996  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
64014-7

STOP - READ THE LABEL BEFORE USE

KEEP OUT OF THE 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. (1200 mL) total per carton

Sold by: Tree Tech™ Microinjection Systems  
a Division of Florida Silvics, Inc.  
Williston Airport Industrial Park  
479 S.W. 42nd Street, Williston, FL 32696

**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. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash separately from household items before reuse.

**STATEMENTS 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 persists.

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 Protective 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

Protective eye wear

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.

## ENVIRONMENTAL HAZARDS

This pesticide is toxic to aquatic and estuarine invertebrates. Do not apply directly to water, to areas where surface water is present or to inter tidal 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™ ALIETTE<sup>®</sup> INJECTABLE fungicide.

## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read entire label before using this product. Use only as directed for Tree Tech™ tree microinjection.

### 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 Standard (WPS).

TREE TECH™ ALIETTE<sup>®</sup> INJECTABLE FUNGICIDE AIDS IN THE CONTROL OF CERTAIN FOLIAR, VASCULAR AND ROOT DISEASES IN FOREST, ORNAMENTAL, CROP-BEARING AVOCADO, NON-CROP-BEARING, AND CHRISTMAS TREES, AND WOODY SHRUBS.

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

### USER SAFETY RECOMMENDATIONS

Users should:

Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

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. 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.

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)<sup>1</sup>: 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)<sup>1</sup>: 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™ 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 near 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 (0.90-to-1.1 cm approximately) through the bark into the wood (xylem). A slight downwardly angle (30°) 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<sup>®</sup> INJECTABLE solution into the vascular system of the tree. Disinfect the drill bit between trees with Lysol<sup>®</sup> 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<sup>®</sup> INJECTABLE solution.

5. When properly installed, the microinjection unit generates internal pressure resulting in the flow of Tree Tech™ brand ALIETTE<sup>®</sup> 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<sup>®</sup> 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<sup>®</sup> 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 injector 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, 479 S.W. 42nd Street, Williston, FL 32696.

**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 injector units. The bag must be properly sealed, placed in the original shipping carton and returned freight prepaid for disposal to Tree Tech Microinjection Systems, Inc., 479 S.W. 42nd St., Williston, FL 32696.

**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 FAILURE TO FOLLOW LABEL DIRECTIONS. IN ADDITION, FAILURE TO FOLLOW LABEL DIRECTIONS MAY CAUSE INJURY TO ANIMALS, MAN, AND DAMAGE TO THE ENVIRONMENT. TREE TECHNOLOGY SYSTEMS, INC. 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 TECHNOLOGY SYSTEMS, INC. AND ARE, THEREFORE, THE RESPONSIBILITY OF THE BUYER.

1. TREE TECHNOLOGY SYSTEMS, INC. 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 TECHNOLOGY SYSTEMS, INC. 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 TECHNOLOGY SYSTEMS, INC. OR 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, Inc. 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 NONPERFORMANCE 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 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 material does not confer any rights under patents governing this product or the use thereof in countries outside the United States.

ALIETTE<sup>®</sup> is a Reg. TM of Rhone-Poulenc Ag Company.

Tree Tech<sup>™</sup> is a Reg. TM of Tree Tech<sup>™</sup> Microinjection Systems.

Made in U.S.A.