

DENDREX®

SYSTEMIC INSECTICIDE APPLIED INTERNALLY BY TREE TECH® MICROINJECTION SYSTEMS FOR CONTROL OF CERTAIN INSECTS ON NON-CROP TREES AND SHRUBS

ACTIVE INGREDIENT By Wt.
Acephate
(O,S-dimethylacetylphosphoramidothioate) 97%

Inert ingredients $\frac{3\%}{100\%}$

Each injector contains 1.5 grams active ingredient

STOP-READ THE LABEL BEFORE USE

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

NET CONTENTS: 150 grams of active ingredient per carton of 100 microinjection units.

Manufactured and Sold by
Florida Silvics, Inc
(dba Tree Tech® Microinjection Systems).
950 SE 215th Ave
Morriston FL 32668

EPA Reg. No. 64014-1 EPA Est. No. 64014-FL-001

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Avoid contact with eyes, skin and clothing. Avoid breathing vapors. Wash thoroughly with soap and water after handling. Remove and launder contaminated clothing separately from household articles before reuse.

Statement of Practical Treatment:

If swallowed, drink one or two glasses of water (or milk) and induce vomiting by touching the back of the throat with the finger. If possible, contact a physician, poison control center, or emergency center before inducing vomiting. Do not induce vomiting or give anything by mouth to an unconscious person. Take the person and product container to the

nearest emergency treatment center. In case of eye contact, flush eyes immediately with fresh water for at least fifteen minutes. If irritation persists, get medical attention. If inhaled, remove the person from the exposure area. For skin contact, wash skin with plenty of soap and water.

Note to physicians: Emergency information call: 1-800-457-2022

Acephate is a cholinesterase inhibitor. If signs of cholinesterase inhibition appear, atropine is antidotal. 2-PAM also may be used in conjunction with atropine but should not be used alone.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to birds. Do not apply directly to water or wetlands (swamps, bogs, marshes and potholes). Do not contaminate water when disposing of equipment wash waters.

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.)

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS

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 Workers Protection Standard (WPS).

Applying DENDREX with Tree Tech® Microinjection Systems microinjection units:

DENDREX label and injection instructions must be read and understood prior to use or installation of Tree Tech Microinjection Systems' microinjection units. Failure to follow these instructions may lead to injury to the installer or other persons as well as mechanical or phytotoxic damage to treated trees. The following instructions must be heeded to ensure safe and effective use of the injectors containing DENDREX insecticide.

1. Protective eye wear and rubber or neoprene gloves must be worn while handling or installing the microinjection unit to prevent accidental contact with the eyes or skin.

2. When properly installed, the microinjection unit generates internal pressure resulting in the flow of DENDREX solution through the dispenser tube. The microinjection unit must never be activated unless installed correctly and securely in the tree to be treated.

3. Microinjection units containing DENDREX 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 injectors, individuals must wear proper eye protection and rubber or neoprene 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 injector should be turned slightly as it is slowly withdrawn from the tree. Careful removal of microinjection units should prevent accidental spillage of DENDREX and subsequent exposure to the installer.

4. After microinjection units are removed from treated trees they must 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 to Tree Tech® Microinjection Systems, 950 SE 215th Ave, Morriston, FL 32668.

Installing Microinjection Units

1. Determine the number of microinjection units to be installed based upon 1) the target insect pest(s), and 2) the registered dosage rate as administered by proper spacing of microinjection units around the stem circumference. Unless otherwise noted, microinjection units should be installed in the stem and root flares every 6 inches around the trunk near the ground line, i.e., 6.0-to-8.0 inches (15-to-20 cm) from the soil surface.

2. Using a portable electric drill (600-800 rpm capacity is preferred) with a sharp, clean 11/64-in. (0.4-cm) bit, the installer should drill a hole at the correct stem circumference spacing to a depth of 1/4-to-1/2 in. (0.60-to-1.3 cm) into the wood (xylem) under the bark. A slight downwardly angle is recommended for more complete drainage of the 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 rear barrel portion of the microinjection unit should be compressed partially (about 1/2 in. or 1/3 cm.) The microinjection unit should be inserted into the hole and the rear barrel portion compressed further without engaging the locking mechanism and barrel segments. 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 back end of the feeder tip is forced back into the funnel-shaped section dislodging a septum which allows the DENDREX solution to flow from the microinjection unit into the tree.

4. When the microinjection unit is positioned correctly in the tree and the internal septum is dislodged to permit the flow of DENDREX, remove the cap and, if necessary, push the rear barrel portion of the unit further downward until it is flush with the edge of the locking mechanism. This engages the locking mechanism which pressurizes the microinjection unit and assists in the evacuation of DENDREX from the microinjection unit and movement into the vascular system of the tree.

5. 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 DENDREX injection.

**IMPORTANT INFORMATION.
READ BEFORE USING PRODUCT**

LIMITED WARRANTY:

1. Tree Tech Microinjection Systems warrants that this product conforms to the chemical description on the label and 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 any other warranty, guarantee or representation, express or implied, concerning this product. Specifically, NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE IS MADE.

2. Critical and unforeseeable factors beyond the control of Tree Tech Microinjection Systems prevent it from eliminating all risks in connection with the use of the 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 drift 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 risk and liability (except those assumed by Tree Tech Microinjection Systems under 1 above) resulting from handling, storage and use of this product

3. Precautions stated on the labeling should be followed to avoid hazardous exposure to the product. Neither Tree Tech Microinjection Systems nor its employees or distributors will be liable for any damages resulting from improper use of the microinjection units.

Plant	Insects	Microinjection Unit Spacing Interval Around Stem Circumference	Time of Injection
Trees (except Flowering Crabapple, see below) and Shrubs	Aphids Bagworms Birch leafminer Tent caterpillar Lace bugs	1 microinjection unit every 6 inches	As the insects begin to appear.
	Tussock moth larvae, Gypsy moth larvae	1 microinjection unit every 6 inches	As the insects begin to appear.
	Scales (crawlers)	1 microinjection unit every 6 inches	As crawlers begin to appear. Repeat applications at 4-week or more intervals. May be necessary where there is continuous crawler production.
	Grasshoppers	1 microinjection unit every 6 inches	As the grasshoppers begin to appear.
	California oakworm Cankerworms (Spring and Fall)	1 microinjection unit every 6 inches	As the insects begin to appear. Use the higher amount when the larger larvae are present.
	Nantucket pine tip moth larvae Zimmerman pine moths	1 microinjection unit every 6 inches	Time of application is important Consult your farm advisor or County Extension Agent. Repeat applications will be required for subsequent generations.
	Root weevil adults	1 microinjection unit every 6 inches	Apply when first feeding damage occurs. Repeat applications at 4-week intervals until the first heavy frost, maybe necessary for complete foliage protection.
	Boxelder bugs Thrips White flies Sawflies Budworms Grasshoppers Coneworms Casebearer Webworms Leafminers Pine needle miner	1 microinjection unit every 6 inches	As the insects begin to appear.
	Bronze birch borer	1 microinjection unit every 6 inches	Mid- July through August
	Japanese beetle	1 microinjection unit every 4 inches	As the Japanese beetles begin to appear. Repeat applications at 4-week intervals may be necessary
	Elm leaf beetle (larvae)	1 microinjection unit every 4 inches	As the larvae begin to appear. DENDREX will not prevent elm leaf beetle eggs from hatching
Flowering crabapples	Aphids Tent caterpillars Leafrollers	1 microinjection unit every 6 inches	As the insects begin to appear

Caution: Phytotoxicity has occurred on the following crabapple varieties: 'Hopa', 'Ichonoski', 'Malus floribunda', 'Pink Perfection' 'Red Wine, and 'Snow Cloud'.

STORAGE AND DISPOSAL PROHIBITIONS

Do not contaminate water, food or feed by storage, or disposal of microinjection units. Open dumping is prohibited.

STORAGE

Store microinjection units in a cool, dry place. Do not expose to temperatures below 32 F (0 C). Store in a locked storage area. Protect from

excessive heat. Do not contaminate food or foodstuffs. Do not store or transport near feed or food. For help with any spill, call day or night (415) 233-3737

PESTICIDE DISPOSAL

Wastes resulting from use of this product must be disposed of according to local, state, and federal regulations at an approved waste facility.

MICROINJECTION UNIT 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 should be properly sealed, placed into the original shipping carton and returned freight prepaid for disposal to Tree Tech@

MSDS ENCLOSED

