

LABEL SCAN CONTROL SHEET

S-11
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Label ID:

5031

Accepted Date:
(mm-dd-yyyy)

11-20-1996

EPA Reg #:

64014-1

Product Name:

DENDREX

Product ID:

30530

Registration
Status:

R

RENEWED

Payor Name:

FLORIDA SILVICS, INC.

Payor ID:

64014

Use/Location:

K

NON-CROP

Restriction
Code:

Supplemental
Label?

NO

File Name:

label5031

Comments:

Scanning Action:

Completed OK

Rejected

Rejection

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 97%
Inert ingredients 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 in 4
cartons of 25 Microinjection Units

TREE TECH™ MICROINJECTION SYSTEMS

a Division of Florida Bilvics, Inc.
479 S.W. 42nd Street
Williston, FL 32696

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

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS

Personal Protective Equipment (PPE):
Some materials that are chemical-resistant to
this product are listed below. If you want more
options, follow the instructions of category C
on an EPA chemical resistant selection chart.

Applicators and other handlers when install-
ing or removing this product must wear:

- Long-Sleeved shirt and long pants
- Chemical resistant gloves, such as barrier
laminated, or butyl rubber, or polyvinyl chloride
- Shoes plus socks
- Protective eyewear

USER SAFETY RECOMMENDATIONS

Users should: Wash hands before eating,
drinking, chewing gum using tobacco or us-
ing 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 per-
sons. Only protected handlers may be in
the area during application. For any require-
ments specific to your State or Tribe, con-
sult the agency responsible for pesticide
regulation.

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

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Avoid con-
tact 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 medi-
cal 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 conjunc-
tion with atropine but should not be used alone.

ENVIRONMENTAL HAZARDS:

Do not apply directly to water.

AVISO

PRECAUCION AL USUARIO: Si usted no puede
leer o entender inglés, no use este producto
hasta que la etiqueta le haya sido explicada
implementos

**(TO THE USER: If you cannot read or under-
stand 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 prod-
uct in a manner inconsistent with its labeling.

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 re-
quirements for training, decontamination,
notification, and emergency assistance. It
also contains specific instructions and
exceptions pertaining to the statements on
this label about personal protective equip-
ment (PPE). The requirements in this box
only apply to uses of this product that are
covered by the Workers Protection Stan-
dard (WPS).

**READ ENTIRE LABEL. USE STRICTLY IN AC-
CORDANCE WITH PRECAUTIONARY STATE-
MENTS AND DIRECTIONS AND WITH APPLI-
CABLE STATE AND FEDERAL REGULATIONS**

**Applying DENDREX™ with Tree Tech™ Micro-
injection Systems microinjection units:**

DENDREX™ label and injection instructions must
be read and understood prior to use or installation
of Tree Tech™ Microinjection Systems microin-
jection 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 in-
jectors 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 con-
tact 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 lo-
cal weather conditions. Never assume that micro-
injection units have depressurized completely be-
cause 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 microin-
jection 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, 479 S.W. 42nd
Street, Williston, FL 32696.

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 ad-
ministered 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 8 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 (800-800 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 (pyle-
m) under the bark. A slight downward 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 downwardly 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 representative, 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 10 inches	As the insects begin to appear.
	Tussock moth larvae Cypess moth larvae	1 microinjection unit every 8 inches	As the insects begin to appear.
	Scalps (crawlers)	1 microinjection unit every 8 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 8 inches	As the grasshoppers begin to appear.
	California oakworm Cankerworms (Spring and Fall)	1 microinjection unit every 8-10 inches	As the insects begin to appear. Use the higher amount when the larger larvae are present.
	Nanuetz 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, may be necessary for complete foliage protection.
	Box elder bugs Thrips White flies Sawflies Budworms Leafhoppers Caneborers Casebearer Webworms Leafrollers 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 or Sept &
	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 10 inches	As the insects begin to appear.

NOV 20 1996
New York State
Department of Environmental Conservation
Division of Plant Industry

Caution: Phytotoxicity has occurred on the following crabapple varieties: 'Hopa', 'Ichanski', '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™ Microinjection Systems, 479 S.W. 42nd Street, Williston, FL 32698.

DENDREX™ - TM of Tree Tech™ Microinjection Systems

MSDS ENCLOSED

Dendrex backside