 <p align="center"><b>U.S. ENVIRONMENTAL PROTECTION AGENCY</b> Office of Pesticide Programs Registration Division (7505P) Ariel Rios Building 1200 Pennsylvania Ave., NW Washington, D.C. 20460</p>	EPA Reg. Number: 37979-1	Date of Issuance: APR 19 2007
	Term of Issuance:	
	Name of Pesticide Product: ACECAP Systemic Insecticide Tree Implants	

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

Name and Address of Registrant (include ZIP Code):  
 Creative Sales, Inc.  
 P.O. Box 501  
 222 North Park Avenue  
 Fremont, NE 68025

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.

Based on your response to the Interim Reregistration Eligibility Decision (IRED) for Acephate, EPA has reregistered the product listed above. This action is taken under the authority of section 4(g)(2)(C) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

Generic data requirements that have been identified in the IRED as confirmatory data for the active ingredient contained in the subject product will continue to be tracked and assessed in the Agency's continual reassessment of pesticides.

The labeling for the subject product submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable provided you submit one (1) copy of the final printed label incorporating the following correction and the revised CSF before you release the product for shipment. Products shipped after 12 months from the date of this Notice must bear the new revised label.

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

Signature of Approving Official: 	Date: APR 19 2007
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1) Add the following statement:

For Control of Specified Borers: Application to trees already heavily infested may not prevent the eventual loss of the trees due to existing pest damage and tree stress.

2) Your Confidential Statement of Formula (CSF) dated January 25, 2007 is acceptable provided you submit your revise CSF incorporating the correction cited below before you release the product for shipment.

Revise the "Purpose in Formulation" column of the CSF for the "non-active" material to read as it appears on the CSF dated April 2, 2003.

The Agency has completed the cumulative assessment for the organophosphate pesticides (OPs) and finalized the Interim Reregistration Eligibility Decisions (IREDs) for the OP pesticides. The assessment and supporting documents may be found on the Agency's web site at [www.epa.gov/pesticides/cumulative](http://www.epa.gov/pesticides/cumulative) and in the docket (EPA-HQ-OPP-2006-0618).



Meredith F. Laws, Chief  
Insecticide-Rodenticide Branch  
Registration Division (7504P)

NO MIXING,  
 MEASURING,  
 OR SPRAYING  
 REQUIRED

# ACECAP®

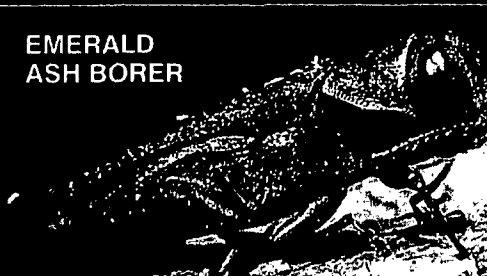
## SYSTEMIC INSECTICIDE TREE IMPLANTS

FOR CONTROL OF CERTAIN DESTRUCTIVE  
 PESTS OF ORNAMENTAL TREES

10 IMPLANTS WILL EFFECTIVELY TREAT UP TO A 14" TRUNK DIAMETER.

**10 PAK**  
 THIS PACKAGE  
 CONTAINS 10  
 IMPLANTS

EMERALD  
 ASH BORER



IDEAL FOR  
 LARGE  
 TREES

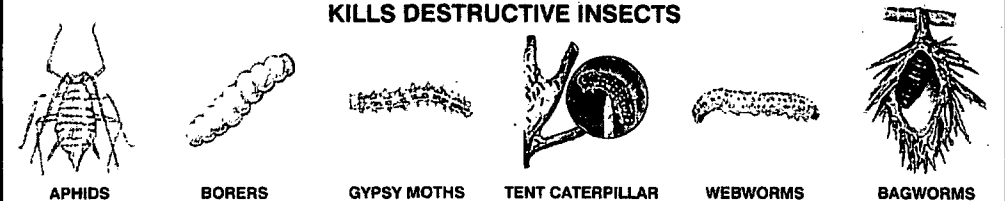


DELIVERED BY THE  
 TREE'S OWN SAP



EASY  
 TO  
 INSTALL

### KILLS DESTRUCTIVE INSECTS



APHIDS

BORERS

GYPSY MOTHS

TENT CATERPILLAR

WEBWORMS

BAGWORMS

Production Lot No.

**ACTIVE INGREDIENT BY WT.**

Acetate of 2,4-Dinitrophenol 98.9%

**INERT INGREDIENTS** 1.1%

**TOTAL** 100.0%

**KEEP OUT OF REACH OF CHILDREN**

### CAUTION

READ LABEL BEFORE USING. SEE  
 BACK PANEL FOR ADDITIONAL  
 PRECAUTIONARY STATEMENTS.

NET CONTENTS: 0.75 GRAMS

EPA Est. No. 37979-NB-1

Form No. 1-15-07

ACCEPTED  
 with COMMENTS  
 in EPA Letter Dated:  
 APR 19 2007  
 Under the Federal Insecticide,  
 Fungicide, and Rodenticide Act,  
 As amended, for the pesticide  
 Registered under EPA Reg. No.  
37979-1

### ACECAP SYSTEMIC INSECTICIDE IMPLANTS

FOR USE ON ORNAMENTAL TREES GROWING IN RESIDENTIAL AREAS AND ON ORNAMENTAL TREES GROWN FOR SALE OR COMMERCIAL PURPOSES.

#### INSECT PESTS CONTROLLED:

Aphids, Bagworms, Bronze Birch Borer, Budworms, California Oakworm, Cankerworm (spring & fall), Casebearer, Citrus Blackfly, Eastern Tent Caterpillar, Elm Leaf Beetle Larvae, Emerald Ash Borer, Fall Webworm, Gypsy Moth Larvae, Honeylocust Mite, Lace Bug, Leaf Folder, Leaf Miners, Mapleworm, Mimosa Webworm, Nantucket Pine Tip Moth Larvae, Pine Needleminer, Scale (crawlers), Spruce Budworm, Spruce Coneworm, Thrips, Whitefly, White Pine Weevil, Woolly Adelgid, Zimmerman Pine Moth.

#### TREES TO BE TREATED (Host Plants):

Ash, Alder, Banyon, Birch, Non-Bearing Cherry, Non-Bearing Citrus, Cottonwood, Dogwood, Elm, Ficus, Flame, Hawthorn, Hemlock, Holly, Kentucky Coffeetree, Larch, Lilac, Linden, Locust, Maple, Mimosa, Oak, Non-Bearing Olive, Pines (fir & spruce), Plane, Plumeria, Poplar, Redbud, Redwood, Sycamore, Tulip, Non-Bearing Walnut, Willow. NOTE: Non-Bearing refers to trees that will not bear fruit within one year of application.

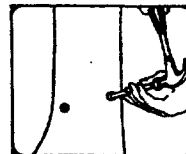
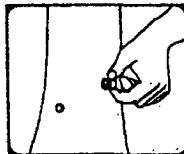
#### RECOMMENDED APPLICATION:

With the exception of the following insects, apply ACECAP implants when insects first appear: (1) For Budworm, Zimmerman Pine Moth and Gypsy Moth apply implants just prior to larvae feeding. (2) For Elm Leaf Beetle Larvae apply implants after egg masses are present on the underside of the tree leaves, or during early larvae feeding. (3) For Aphids and White Fly apply implants when wingless forms are first present. (4) For Spruce Coneworm apply implants at budswell. (5) Bronze Birch Borer — apply implants in late May - early June. (6) Emerald Ash Borer - Preventive treatment should be made using ACECAP implants from early April - early June ... Insecticide controls for Bronze Birch Borer and Emerald Ash Borer may be more effective if overall tree stress symptoms are reduced ... i.e. fertilize trees being attacked in fall or early spring and water regularly, especially during dry periods, and mulch around the tree base to increase moisture retention.

DO NOT implant into trees having less than 3 inches (7.6 cm) trunk diameter (DBH). For trees having trunk diameter of 1-1/2 inches (3.8 cm) to 3 inches (7.6 cm) use MINI-IMPLANTS. DO NOT use ACECAP Systemic Implants on trees other than those listed on this label. DO NOT use on Flowering Crabapple as foliage injury may occur.

FOR BEST RESULTS USE TOOLS AND TECHNIQUES AS RECOMMENDED IN THE APPLICATION INSTRUCTIONS INCLUDED IN EACH CARTON AND IN EACH FOIL PACKAGE.

EASY  
TO  
INSTALL:



#### APPLICATION RATES AND PLACEMENT

TO DETERMINE NUMBER OF IMPLANTS REQUIRED — Determine the tree trunk diameter, multiply by 3.14 and divide by 4 (inches) or 10.16 (cm).  
EXAMPLE: 13 inches (33 cm) DBH x 3.14 = 40.8 inches (103.7 cm) circumference 4 (inches) or 10.16 (cm) = 10 (i.e. use 10 ACECAP implants). For trees of less than 3 inch trunk diameter, use one MINI-IMPLANT per inch DBH.

ACECAP Systemic Implants are to be implanted around the tree trunk base at 4 inch (10.16 cm) intervals. Using a tape measure, drill 3/8 inch (.95 cm) diameter implant holes at a 4 inch (10.16 cm) spacing, spiraling up and around the trunk base. Holes should be drilled 1-1/4 inches (3.2 cm) into the tree trunk from the cambium surface, to assure the cartridge can be implanted beneath the bark and the cambium surface. Cartridges left extending outward into the bark will still provide control, however, will delay wound closure.

Applications timed with maximum upward flow of tree sap produce the most successful results. The characteristic may vary with the tree species, geographic area, time of year, time of day, individual tree vigor, or light intensity at time of treatment. If soil moisture conditions are dry, thorough deep root watering prior to or immediately following implant treatment will enhance chemical uptake.

 Manufactured in U.S.A. by  
**Creative Sales, Inc.**  
Fremont, NE 68025 U.S.A.

Ref. U.S. Patent Nos. 3,706,161; 4,308,689; 4,342,176  
6,311,429 B1

[www.acecap-mediacap.com](http://www.acecap-mediacap.com)

ACECAP, REG. T.M.  
Creative Sales, Inc.

EPA Reg. No. 37979-1

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

**ACECAP Systemic Insecticide Implants  
EPA Reg # 37979-1  
Label Draft: Page 3 of 6**

**CAUTION**

Harmful if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Wash the outside of gloves before removing them. Remove contaminated clothing and wash clothing before reuse.

**PERSONAL PROTECTIVE EQUIPMENT -**

Handlers must wear:

- long-sleeved shirt and long pants,
- socks plus shoes
- chemical resistant gloves made out of any water-proof material.

**IF SWALLOWED -** Call poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

**HOT LINE NUMBER**

For emergency information, call 1-800-759-7739, Monday through Friday, 9 a.m. to 5 p.m. Central Time. After 5 p.m., call your poison control center.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

**NOTE TO PHYSICIAN**

Content of implant capsule (acephate) is a cholinesterase inhibitor. If signs of cholinesterase inhibition occur, atropine is antidotal. 2-PAM may also be used in conjunction with atropine, but should never be used alone.

**ENVIRONMENTAL HAZARDS -**

This pesticide is toxic to birds. 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 by cleaning of equipment or disposal of wastes.

**DIRECTIONS FOR USE**

"No Worker Protection Standard worker entry restrictions or worker notification requirements apply when this product is directly injected into agricultural products."

**REGARDING RETREATMENT**

ACECAP Systemic Implants may be utilized in an integrated pest management program, and combined where needed, over several seasons with conventional foliar or soil applications. **DO NOT REPEAT IMPLANT TREATMENTS WHERE A TREE HAS NOT SHOWN THE ABILITY TO ADEQUATELY CALLOUS OVER THE PRIOR TREATMENT.**

**STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage and disposal.

**STORAGE**

Store in a cool, dry place in the original packaging away from the reach of children, preferably in a locked storage area. Protect from excessive heat. Keep foil packages sealed until ready for use.

**DISPOSAL**

**IF OUTER CONTAINER AND PACKAGING IS EMPTY ... DO NOT REUSE ...** Place in trash or offer for recycling if available. Do not reuse the plastic cartridge (containing the chemical); they are designed to be implanted into and left inside the tree.

**IF OUTER CONTAINER AND PACKAGING REMAINS PARTLY FILLED WITH UNUSED PRODUCT ...** Store in a cool, dry place in the original packaging away from the reach of children, preferably in a locked storage area. Never place unused product in the trash or recycling receptacles. Call your local solid waste agency or 1-800-CLEANUP. Never place unused product down any indoor or outdoor drain.

Manufactured in U.S.A. By  
CREATIVE SALES, INC.  
Fremont, NE 68025 U.S.A.  
w.w.w.acecap-medicap.com

EPA Reg. No. 37979-1  
EPA Est. No. 37979-NB-1  
Form No. 1-15-07

**DISCLAIMER, RISKS OF USING THIS PRODUCT, LIMITED  
WARRANTY AND LIMITATION OF LIABILITY**

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**ACECAP Systemic Insecticide Impl  
EPA Reg # 37979-1  
Label Draft: Page 4 of 6**

NOTICE: Read this Limitation of Warranty and Liability Before Buying or Using This Product. If the Terms Are Not Acceptable, Return the Product at Once, Unopened, and the Purchase Price Will Be Refunded.

**RISKS OF USING THIS PRODUCT**

It is impossible to eliminate all risks associated with the use of this product. Such risks arise from weather conditions, soil factors, off-target movement, unconventional farming techniques, the presence of other materials, the manner of use or application, or other unknown factors, all of which are beyond the control of Creative Sales, Inc. These risks can cause: ineffectiveness of the product, crop injury, or injury to non-target crops or plants.

Creative Sales, Inc. does not agree to be an insurer of these risks beyond what is expressly warranted by this label. When you buy or use this product, you agree to accept these risks.

**LIMITED WARRANTY**

Creative Sales, Inc. warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for the purpose stated in the Directions for Use, subject to the inherent risks described above, when used in accordance with the Directions for Use under normal conditions.

To the extent consistent with applicable law, Creative Sales, Inc. makes no other express or implied warranty of fitness or of merchantability or any other express or implied warranty. No agent or representative of Creative Sales, Inc. or seller is authorized to make or create any other express or implied warranty.

**LIMITATION OF LIABILITY**

To the extent consistent with applicable law, in no event shall Creative Sales, Inc. or seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. Buyer's or user's bargained-for expectation is crop protection. To the extent consistent with applicable law, the exclusive remedy of the user or buyer and the exclusive liability of Creative Sales, Inc. or seller, for any and all claims, losses, injuries or damages (including claims based on breach of warranty or contract, negligence, tort or strict liability), whether from failure to perform or injury to crops or other plants, and resulting from the use or handling of this product, shall be the return of the purchase price of the product, or at the election of Creative Sales, Inc. or seller, the replacement of the product.

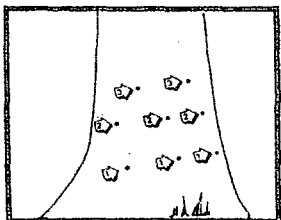
**PROMPT NOTICE OF CLAIM**

To the extent consistent with applicable law allows such requirement, Creative Sales, Inc. or its Ag Retailer must have prompt notice of any claim so that an immediate inspection of buyer's or user's growing crops can be made. Buyer and all users shall promptly notify Creative Sales, Inc. or a Creative Sales, Inc. Ag Retailer of any claims, whether based on contract, negligence, strict liability, or other tort or otherwise be barred from any remedy.

**NO AMENDMENTS**

Creative Sales, Inc. and seller offer this product, and buyer accepts it subject to the foregoing Disclaimer, Risks of Using This Product, Limited Warranty and Limitation of Liability, which may not be amended by any oral or written agreement.

## Additional Tips



When re-treatment is necessary, place the new implants in a spiral pattern between, and above or below the previous treatment. Do **not attempt to drill into and remove the cartridges implanted previously.** Note the positioning of three applications.

When using ACECAPS containing systemic insecticide, the implant treatment may be combined over several seasons with a conventional spray or soil treatment insect control program. **DO NOT REPEAT IMPLANT TREATMENTS WHERE TREE HAS NOT SHOWN THE ABILITY TO ADEQUATELY CLOSE OVER THE PRIOR TREATMENT.**

### FOLLOW CAUTIONS WHERE INDICATED

#### DO:

- Use proper drill bit
- Remove shavings from hole
- Recess cartridge end below the inner bark
- Sterilize the drill bit (using Lysol aerosol, or similar type, disinfectant) between trees being treated
- Water thoroughly if weather conditions are dry
- Carefully read the Application Timing for optimum results (see back panel)
- **ALWAYS READ & FOLLOW LABEL DIRECTIONS FOR PRODUCT BEING USED**

**DO NOT** enlarge the hole diameter

**DO NOT** use a sharp end punch

**DO NOT** remove previously implanted cartridges

**DO NOT** break plastic gelatin

**DO NOT** place implant too deep

## Application Timing

The "effect" of systemic implants is maximized when implants are in place in the tree during the period of optimum xylem activity, to transfer the chemical from the implants into the crown of the tree. The chemicals used possess little (if any) phloem activity, therefore, it is suggested **APPLICATION BE AVOIDED AS TREES ARE GOING INTO DORMANCY!** Guidelines are offered here for optimum results.

### ACECAP® SYSTEMIC INSECTICIDE

There are two key points to remember when using ACECAP Implants ...

1. It takes 4-7 days for the insecticide to "reach" effective levels in the foliage of the tree (as little as 2 days **if trees are in a healthy vegetative growth condition.**)

2. Maximum duration of control documented is 18 weeks, and **optimum control of severe infestations** is 10-12 weeks.

Duration of insect control **in conifers** (pine, spruce, fir) has been documented for a year.

**THEREFORE, ACECAP IMPLANTS SHOULD BE MADE JUST PRIOR TO EXPECTED INSECT ACTIVITY, OR AT EARLIEST INDICATION OF INSECT ACTIVITY!** Application of ACECAPS is normally not recommended during tree dormancy (as with nutrient implants) when attempting to control targeted insect pests on the foliage; however, treatment during dormancy for certain pine seed cone insects may be advantageous.

ACECAP and MEDICAP ... Reg. T.M.'s  
Creative Sales, Inc.

# APPLICATION GUIDE FOR ACECAP® SYSTEMIC TREE IMPLANTS

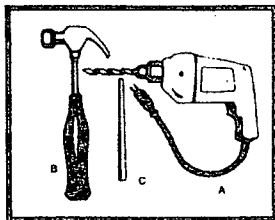
ACECAP Systemic Insecticide Implants  
EPA Reg. # 37979-1  
Label Draft : Page 5 of 6



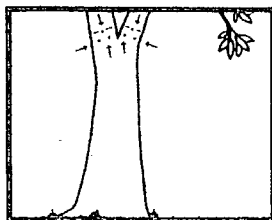
Creative Sales, Inc.  
222 N. Park Ave.  
Fremont, NE 68025 U.S.A.  
www.acecap-medicap.com

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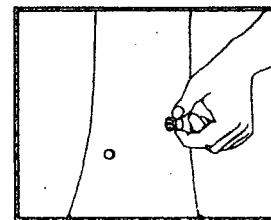
# ACECAP ... Systemic Insect Control For Trees



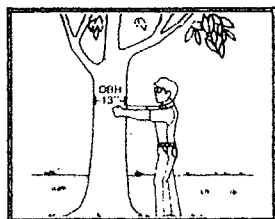
1. First select the proper tools. You will need:  
**A.** Electric or rechargeable drill (using a sharp spiral drill bit as shown). Always refer to package in use for recommended drill bit size (i.e.) 1/4, 3/8, or 1/2 inch).  
**B.** Hammer **C.** Flat end punch, or dowel rod. **D.** Tree Wound dressing (see #11).



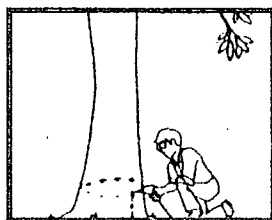
5. **NOTE:** On large trees where there is no main stem or trunk and multiple branching occurs, treat each stem as if it were a separate tree. This will assure adequate distribution of chemical throughout the tree.



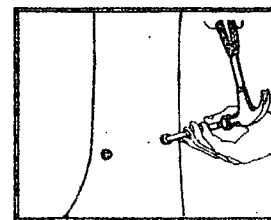
9. Place the Implant cartridge into the pre-drilled holes, simply pressing them into the tree trunk. Be sure to press the cartridges in as far as possible.



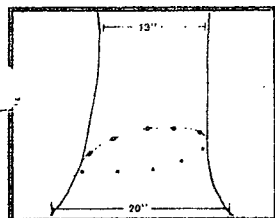
2. The number of Implants required is based on the tree trunk size at 4 ft. above the ground ... (commonly referred to as DBH), and the specific recommendations for the product being used. The circumference of the tree trunk (in inches at 4 ft. above the ground) can be determined by using a tape measure; or calculated from the DBH ... see #3 below. In either case, after determining the circumference, divide the circumference by the recommended spacing for the product being used (i.e. 3, 4 or 6 inches), and apply the Implants evenly around the base of the tree (refer to #3 and #6).



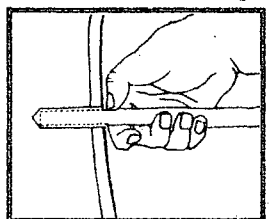
6. Next, drill the Implant holes at a uniform spacing, spiraling up and around the lower tree trunk surface. Start approximately 6 inches (15.2 cm) from the soil level. Be sure to remove drill shavings from each hole. The holes need to be deep enough to allow each Implant to be recessed just inside the inner bark. See #11 and #8 for proper drilling depth.



10. Using a hammer and a flat end punch or dowel-rod ... carefully drive the cartridge into the tree, recessing the large end slightly **beneath the cambium surface, which is below the bark.** See #11.



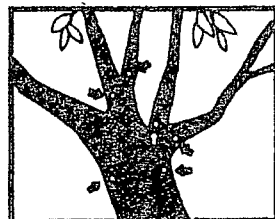
3. **NOTE:** If you are calculating the tree size and rate of application from the tree trunk diameter (DBH) ... using example shown to the left, DBH is 13 inches (33 cm) x 3.14 = 40.8 inches (103.7 cm) circumference ÷ 4 inches (10.16 cm) Implant spacing ... i.e. use **10 IMPLANTS.** If the tree base is larger than the DBH (as illustrated) be sure to place the recommended number of Implants evenly around the tree base ... note #6.



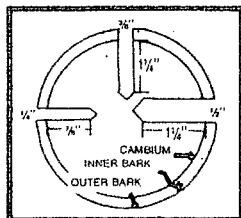
7. Using a measuring instrument (i.e. flat end of pen or pencil) as a depth gauge, insert completely into each hole and mark the depth by placing your thumb against the outer bark. Based on Implant diam. and thickness of bark, holes should be drilled as illustrated below:



11. The cartridge head securely plugs the small wound made to the tree trunk, however on thin barked trees (i.e. birch, ficus, etc.) it is recommended that a light wound dressing be applied over the implant site. This provides further protection until the cambium closes over. Having no scientific evidence that wound dressings aid in the healing of tree bark, we might suggest that a latex paint (aerosol or brush applied) be used.



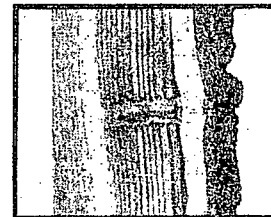
4. **NOTE:** Where lower branching occurs 4 feet or less from the ground, make certain the Implants are placed directly beneath the lower branches. This will assure adequate distribution of chemical throughout the tree.



8. **NOTE:** Hole depth is from inside the inner bark.

TREE SIZE	RECOMMENDED SIZE OF IMPLANT DIAM.	DRILL EACH HOLE DEPTH
1 1/2" - 3" (3.8-7.6 cm)	"Mini" 1/4" (.64 cm)	7/8" (2.23 cm)
3" and up (7.6 cm & up)	"Standard" 3/8" (.95 cm)	1 1/4" (3.2 cm)
8" and up (20.3 cm & up)	"Super" 1/2" (1.27 cm)	1 3/4" (3.8 cm)

\* 1/2" Implants available only in MEDICAP FE.



Cross section of tree 2 years following treatment.

12. The application process is now completed ... natural sap flow will "systemically" absorb the chemical and distribute it throughout the tree. The active layer of cambium will soon grow over and close the Implant site. The cartridges are to be left inside the tree.

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8  
8