

**RESTRICTED USE PESTICIDE DUE TO ACUTE ORAL AND DERMAL TOXICITY**

For retail sale to and use by certified applicators or persons under their direct supervision and only for those uses covered by the certified applicators certification.

**Mauget®**

**INJECT-A-CIDE® B**

(CONTAINS BIDRIN®)\*

**INTERNAL TREATMENT BY MICRO-INJECTION FOR SYSTEMIC SUPPRESSION OF CERTAIN INSECTS ON ORNAMENTAL TREES.**

(ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC, N.O.S.)

**ACTIVE INGREDIENT:**  
Dicrotophos (Dimethyl phosphate of 3-hydroxy-N,N-dimethyl-cis crotonamide).....**82.0%**

**INERT INGREDIENTS.....18.0%**

**TOTAL.....100.0%**

\*Bidrin® is a registered trademark of AMVAC Chemical Corp.

**NOTE TO PHYSICIAN**

**Warning Symptoms:** Symptoms include weakness, headache, tightness in chest, blurred vision, non-reactive pinpoint pupils, salivation, sweating, nausea, vomiting, diarrhea, and abdominal cramps.


**Treatment:** Atropine is the specific therapeutic antagonist of choice against parasympathetic nervous stimulation. If there are signs of parasympathetic stimulation, atropine sulfate should be injected at 10-minute intervals, in doses of 1 to 2 milligrams, until complete atropinization has occurred.

Pralidoxime chloride (2-PAM chloride) may also be used as an effective antidote in addition to and while maintaining full atropinization. In adults, an initial dose of 1 gram of 2-PAM should be injected, preferably as an infusion in 250cc of saline over a 15-30 minute period. If this is not practical, 2-PAM may be administered slowly by intravenous injection as a 5 percent solution in water over not less than two minutes. After about an hour, a second dose of 1 gram of 2-PAM will be indicated if muscle weakness has not been relieved. For infants and children the dose of 2-PAM is 0.25 grams.

Morphine is an improper treatment.

Clear chest by postural drainage. Oxygen administration may be necessary. Observe patient continuously for 48 hours. Repeated exposure to cholinesterase inhibitors may, without warning, cause prolonged susceptibility to very small doses of any cholinesterase inhibitor. Allow no further exposure until cholinesterase regeneration has been attained as determined by blood test.

**KEEP OUT OF REACH OF CHILDREN**



**DANGER PELIGRO POISON**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail).

FIRST AID	
<b>IF INHALED</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>IF ON SKIN OR CLOTHING</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF IN EYES</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF SWALLOWED</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>

**EMERGENCY TELEPHONE NUMBERS**

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact the manufacturer at 1-800-873-3779 or CHEMTREC at 1-800-424-9300 for emergency treatment information.

MFG. BY: J.J. MAUGET CO.  
CITY, STATE: ARCADIA, CA 91006  
EPA ESTABLISHMENT NO.: 7946-CA-1  
EPA REGISTRATION NO.: 7946-11

Net Contents: 100 capsules plus 100 feeder tubes per carton.

\_\_\_\_\_ 100 capsules @ 1 mL ea., 100 mL net.  
\_\_\_\_\_ 100 capsules @ 2 mL ea., 200 mL net.  
\_\_\_\_\_ 100 capsules @ 3 mL ea., 300 mL net.  
3 cartons, as above, per case.

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER**

Fatal if swallowed, inhaled or absorbed through the skin. Do not get in eyes, on skin, or on clothing. Do not breath vapors. Do not contaminate food or feed products. Repeated exposures to cholinesterase inhibitors such as are contained in this product may, without warning, cause prolonged susceptibility to very small doses of any cholinesterase inhibitor.

**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 resistance category selection chart: Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical resistant gloves, such as barrier laminate or butyl rubber or nitrile rubber or neoprene rubber or polyvinyl chloride (PVC) or viton rubber
- Chemical-resistant footwear plus socks
- Protective eyewear

For use in confined space:  
Use a dust/mist filtering respirator (MSHA/NIOSH) approval number prefix (TC-21C), or a NIOSH approved respirator with any R, P or HE filter.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning and maintaining. Personal Protective Equipment (PPE). If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**USER SAFETY RECOMMENDATIONS**

User 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.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**ACCEPTED**

JUL 25 2003

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 7946-11

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### ENVIRONMENTAL HAZARDS

This product is highly toxic to aquatic organisms and wildlife. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes.

### PHYSICAL OR CHEMICAL HAZARDS

Flammable, keep away from heat or open flame.

### GENERAL DIRECTIONS

Measure the tree at chest height in inches. If measuring the circumference of the tree, divide this number by six (6) to determine the number of capsules needed. If measuring the diameter of the tree, divide this number by two (2) to determine the number of capsules needed. Apply the injector units around the tree at the root flare. Consult the enclosed pamphlet "Directions for use and application of Mauget Micro-Injection System" for additional instructions. **Applicators shall not leave capsules unattended while in use. Remove capsules promptly after treatment.**

### RESTRICTIONS

Do not inject trees that are less than two inches in diameter.

Do not inject trees within two weeks of any other spray or soil chemical treatment.

Do not treat trees that are suffering from stress such as lack of moisture or herbicide damage.

This product is NOT to be used on trees which will produce food within the year following treatment (i.e. maple syrup).

### STORAGE AND DISPOSAL

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

**STORAGE:** Store in a cool, dry place away from heat and open flame. Store in original container and out of the reach of children, preferably in a locked storage area. Always keep capsules in an upright position. If capsules are leaking, triple rinse with water. Dispose of rinsate in approved manner. In spill or leak incidents, keep unauthorized people away.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for Guidance.

**CONTAINER DISPOSAL:** Immediately upon removing from tree, place capsule in a 5 ml. plastic bag of the type which is part of the packaging of "Inject-A-Cide B" under DOT-E-8386. Then enclose in the original shipping carton to be transported to a facility for disposal in a manner authorized by State and Local Authorities.

### DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN ANY MANNER INCONSISTENT WITH ITS LABELING.

Read entire label before using this product.

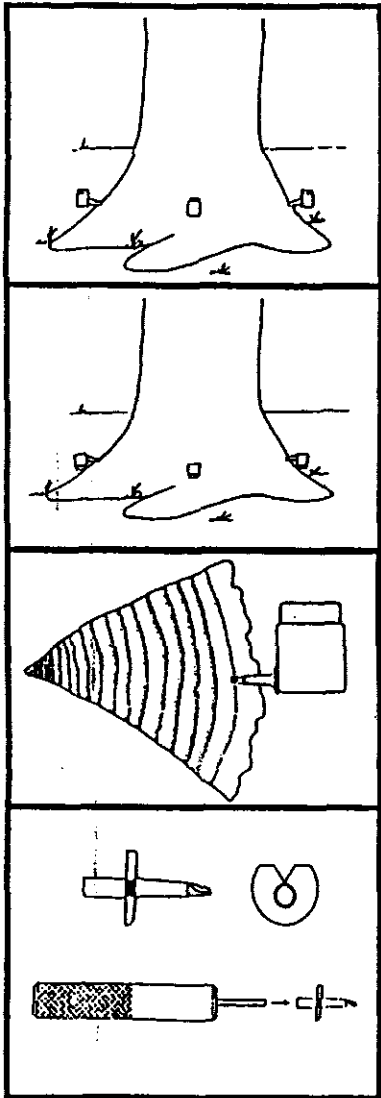
Not for use on trees being grown for sale or other commercial use, or for commercial seed production, or for the production of timber or wood products, or for research purposes.

Crop/Use	Insect/Pest	Remarks
Ash	Aphids Leafhopper Emerald Ash Borer	Inject when aphid appear Inject when leafhopper appear Inject when infestation is evident
Beech	Gypsy Moth	Inject when eggs hatch (controls 2 <sup>nd</sup> -4 <sup>th</sup> instar larvae)
Birch	Aphids Bronze Birch Borer Gypsy Moth  Birch Leaf miner	Inject when aphid appear Inject anytime from Spring to Fall Inject when eggs hatch (controls 2 <sup>nd</sup> -4 <sup>th</sup> instar larvae) Inject when infestation is evident
Flowering crabapple (noncrop)	Eastern Tent Caterpillar	Inject when infestation is evident
Dogwood	Dogwood Twig Borer	Inject when infestation is evident
Elm	Aphids  European Elm Scale Elm Leaf Beetle	Inject when aphid or first generation larvae begin leaf feeding Inject when crawlers appear Inject when larvae begin leaf feeding
Black Gum	Gypsy Moth	Inject when eggs hatch (controls 2 <sup>nd</sup> -4 <sup>th</sup> instar larvae)
Hackberry	Nipple Gall Psyllid Hackberry Psyllid	Inject when psyllid eggs have hatched and leaves have expanded
Linden	Aphids	Inject when aphid appear
Locust	Aphids Leafhopper	Inject when aphid appear Inject when leafhopper appear
Maples (noncrops)	Aphids Gypsy Moth	Inject when aphid appear Inject when eggs hatch (controls 2 <sup>nd</sup> -4 <sup>th</sup> instar larvae)
Oaks	Aphids California Oakworm California Tent Caterpillar Gaudy and Oak Gall Wasps Gypsy Moth  Obscure Scale Pit-making Scale Sycamore Borer (American Plum Borer)	Inject when aphid appear Inject at first appearance. Repeat application upon reappearance of late broods Inject at 1/2 leaf on successive years Inject when eggs hatch (controls 2 <sup>nd</sup> -4 <sup>th</sup> instar larvae) Inject when crawlers appear Inject when crawlers appear Inject when infestation is evident
Pines	European Pine Sawfly Pine Spittlebug Spider Mites	Inject when insect first appears Inject when insect first appears Inject when mite first appears
Flowering Stone Fruit (non-crop)	Lesser Peachtree Borer	Inject when infestation is evident
Sycamore (Plane Tree)	Sycamore Borer (American Plum Borer)	Inject when infestation is evident
Willow	Aphids	Inject when aphid appear

### NOTICE OF WARRANTY

J.J. Mauget Co. makes no warranty regarding merchantability, fitness for any purpose or otherwise, expressed or implied, concerning this product or its uses which extend beyond the use of the product under normal conditions in accordance with the statements made on this label.

J.J. MAUGET CO., ARCADIA, CA



**9. CAPSULE POSITION**

Turn the capsule right side up to allow the material to flow through the tube into the xylem and phloem tissue in the tree.

**10. REMOVAL & DISPOSAL**

Allow time for the tree to absorb all the liquid material. Turn the capsule upside down for a minute before removal. Applicators shall remove capsules promptly after treatment. Follow instructions on product label for capsule disposal.

Applicators shall not leave capsules unattended while in use.

**11. MICRO MINI-FEEDER TUBE**

For established trees with thin bark (less than 3/8" thickness). Use a 7/64" drill bit to produce a micro-injection site.

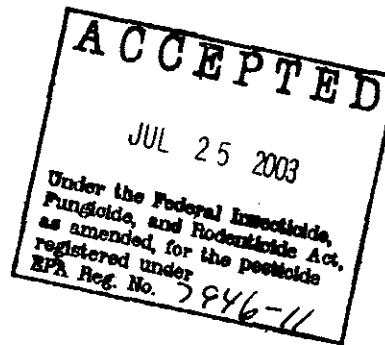
**12. MICRO MINI-INSERTION TOOL**

Because the 7/64" micro-injection site is so small, it is recommended that the Micro-mini insertion tool (316-NAM) be used to prevent plugging of the feeder tube & insure a clear pathway to the cambium tissue. Be sure to place the tube with the notch up.

**DIRECTIONS**  
for use and application of

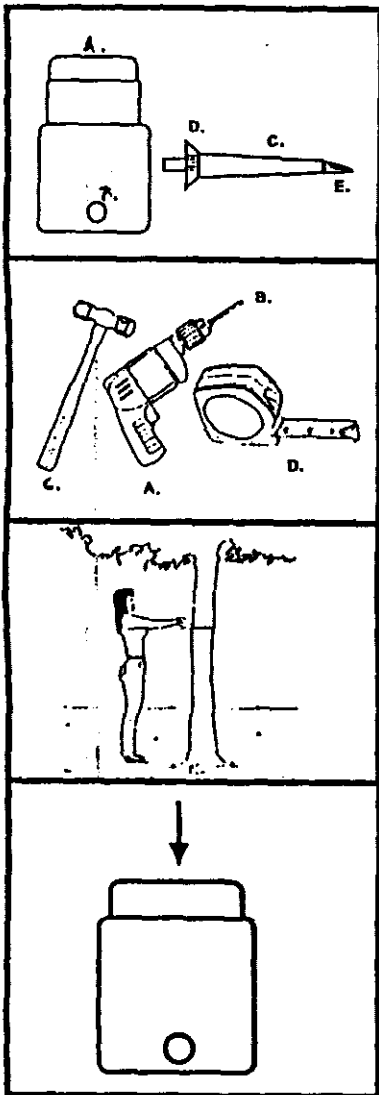
**Mauget**

**Micro-Injection system**



REFER TO PRODUCT LABEL FOR ADDITIONAL PRECAUTIONS AND LIMITATIONS ON THE USE OF THIS PRODUCT

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2  
4



### 1. WHAT'S THE SYSTEM?

- A)...The Maugelet two piece capsule.
- B)...Insert hole.
- C)...Feeder tube.
- D)...Flanged gun-site end.
- E)...Tapered beveled end.

### 2. WHAT TOOLS ARE NEEDED?

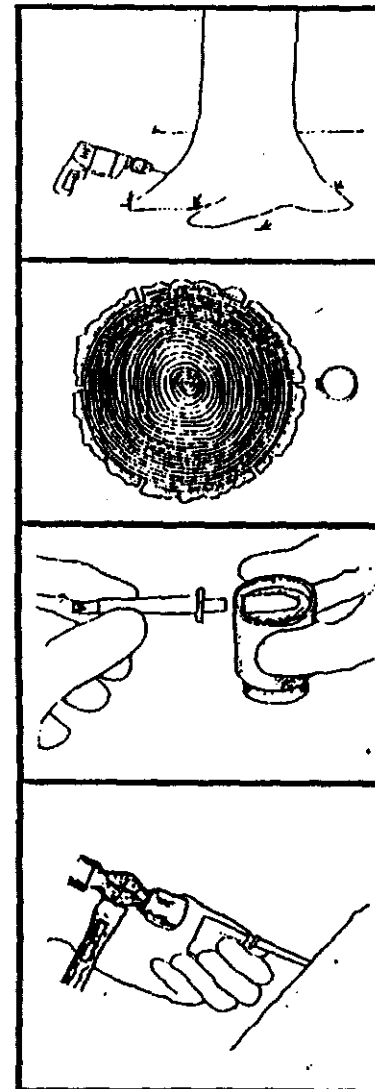
- A)... Electric Drill.
- B)... 11/64" Drill bit.
- C)... Plastic Mallet (Hammer).
- D)... Tape Measure
- E)... Consult product label for specific Personal Protective Equipment (PPE) required.

### 3. HOW MANY CAPSULES?

Measure the tree at chest height. If measuring the circumference, divide this number by 6 (six) to determine the number of capsules needed. If measuring the diameter, divide this number by two (2) to determine the number of capsules needed.

### 4. PRESSURIZING CAPSULE

Place capsule on firm flat surface and compress by pressing with bottom of foot, heel of hand or under some conditions with a plastic or rubber mallet.



### 5. HOW DO I DRILL?

Pre-Drill the injection site at a slight downward angle at the root flair (approximately 6" above ground level) using a clean 11/64" drill bit. Drill to a depth of 3/8" (into the healthy xylem tissue). For the Micro-mini feeder tube, see #'s 11 & 12. Disinfect drill bit and Micro mini-insertion tool prior to use on each tree.

### 6. HOW DEEP?

It is important that the feeder tube be set to the proper depth into the xylem. If set too deeply, flow is restricted by blockage in the heartwood; if set too shallow, leaks may occur. The feeder tubes are "beveled" cut to allow for 1/4" +/- error.

### 7. COMBINING CAPSULE & TUBE

Place by hand, the feeder tube's flange notch upwards into a compressed inverted capsule. Push the end of the tube flush with the internal capsule seal.

### 8. PLACING UNIT IN TREE

Firmly seat the beveled end of feeder tube with the attached inverted capsule into the pre-drilled injection hole. Tap the top corner of the capsule directly behind the feeder tube with a plastic mallet while supporting the capsule with the other hand. This action will simultaneously seat the feeder tube into the tree while breaking the capsule seal and releasing the material into the tree.

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