

Mauget®  
**ArborFos™**

**SYSTEMIC FUNGICIDE  
 IN READY TO USE CAPSULES**

**FOR TREE INJECTION USE FOR SEASONAL  
 SUPPRESSION OF CERTAIN DISEASES.**

MFG. BY: J.J. MAUGET CO.  
 ADDRESS: 5435 Peck Rd.  
 TOWN, STATE: Arcadia, CA 91006  
 EPA REGISTRATION NO: 7946-26  
 EPA ESTABLISHMENT NO: 7946-CA-1

**ACTIVE INGREDIENT:**

Mono- and di-potassium salts of Phosphorous Acid\*..... 45.8%

**OTHER INGREDIENTS:**..... 54.2%

Total 100.0%

\*Contains 5.174 lbs/gallon of the active ingredients, mono- and di-potassium salts of Phosphorous Acid. Equivalent to 3.353 lbs Phosphorous Acid/gallon.

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

FIRST AID	
<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>
<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 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 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>HOT LINE NUMBER</b>	
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-535-5053 for emergency treatment information.</p>	

- \_\_\_\_\_ 288 capsules @ 0.17 fl. oz (5 mL) ea, 48.96 fl. oz (1440 mL) net;
- \_\_\_\_\_ 288 capsules @ 0.25 fl. oz (7.5 mL) ea, 72.0 fl. oz (2160 mL) net;
- \_\_\_\_\_ 288 capsules @ 0.34 fl. oz (10 mL) ea, 97.92 fl. oz (2880 mL) net;
- 24 capsules plus 24 feeder tubes per carton
- \_\_\_\_\_ 24 capsules @ 0.17 fl. oz. (5 mL), 4.06 fl. oz. (120 mL) net
- \_\_\_\_\_ 24 capsules @ 0.25 fl. oz (7.5 mL) ea, 6 fl.oz (180 mL) net
- \_\_\_\_\_ 24 capsules @ 0.34 fl. oz. (10 mL), 8.12 fl. oz. (240 mL) net

Shipping box: 12 cartons as above.

Rev. 9/12/2005FPL (n)

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

**CAUTION**

Harmful if swallowed, inhaled or absorbed through skin. Avoid breathing vapors or spray mist. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

**Personal Protective Equipment (PPE)**

Applicators and other handlers must wear:

- Protective eyewear.
- Long pants and long-sleeved shirt.
- Shoes plus socks.
- Waterproof gloves.

Follow manufacturer's instructions for maintaining/cleaning personal protective equipment (PPE). If no such instructions for washables, use hot water and detergent. Keep and wash PPE separately from other laundry.

**User Safety Recommendations:**

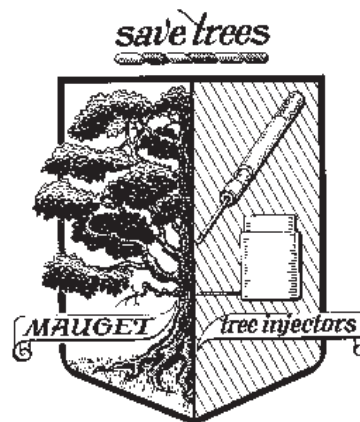
Users should:

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

**ENVIRONMENTAL HAZARDS:**

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 when disposing of equipment wash water or rinsate.



## **DIRECTIONS FOR USE**

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, either directly or through drift. Only protected handlers may be in the area during application. For any requirement specific to your State or Tribe, consult the agency responsible for pesticide regulation.

### **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 the 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.

### **GENERAL DIRECTIONS**

Important: Preventative application is more effective than therapeutic treatment in trees showing disease symptoms. Trees in advanced stages of disease development may not respond to treatment. Infected trees will absorb the material more slowly due to the vascular plugging caused by the disease. The health, species of the tree and the environmental conditions will determine the rate of uptake.

If ArborFos is not absorbed within 24 hours, the tree is considered high risk and has a poor chance of survival.

#### **1. The Mauget System**

(A) Mauget compressible micro-injector with insert hole.

(B) Feeder tube with flanged gun-sight and opposite tapered beveled end.

#### **2. Tools**

(A) Portable Electric Drill

(B) 11/64 in. (0.4 cm) drill bit

(C) Plastic Mallet

(D) Tape Measure

(E) Insertion tool (optional)

#### **3. NUMBER OF MICRO-INJECTORS**

Measure the diameter of the tree at chest height in inches.

Use the following dosage:

0.17 fl. oz. (5 mL) per inch DBH

Round down to the lower whole number.

Injections sites can be placed on first and second vertical rings where necessary. Vertical injection sites should not be aligned.

#### **4. PRESSURIZING THE MICRO-INJECTOR**

Apply the appropriate amount of pressure on the top of the micro-injector capsule in order to compress.

#### **5. DRILLING THE TREE HOLE**

Predrill spaced injection sites at a slight downward angle at the root flair/buttress area (approximately 6.0 to 8.0 in., (15 to 20 cm) above ground level, using a clean 11/64 in. (0.4 cm) drill bit (except monocotyledons, conifers etc.). Drill to a depth of 3/8 to 1/2 in. (0.9 to 1.3 cm) into healthy xylem tissue under the bark. For mini-micro feeder tube, see Step 10. Disinfect drill bit, insertion tool (if used) as well as mini-micro insertion tool prior to use on each tree.

#### **6. TREE HOLE DEPTH**

It is important that the feeder tube be set to the proper depth in the conductive xylem tissue. If set too deeply, flow is restricted by blockage in the heartwood; if set too shallow, leakage may occur. The feeder tube dispensing end is beveled to allow for a 1/4 in. (0.6 cm) plus tolerance.

#### **7. COMBINING MICRO-INJECTOR AND FEEDER TUBE**

Several methods of combining the micro-injector capsule with the feeder tube are acceptable including placing by hand, the feeder tube's flange end, with the flange notch upward, into the micro-injector insert hole of a compressed upright micro-injector capsule. Push the flange end of the feeder tube flush with the membrane located at the inner end of the insert hole.

#### **8. PLACING THE FEEDER TUBE IN THE TREE**

Firmly seat the beveled, dispensing end of the feeder tube, with the attached upright micro-injector capsule, into the predrilled tree injection hole. Tap the rear side, opposite the insert hole of the micro-injector capsule with a plastic mallet. This action will simultaneously seat the feeder tube in the injection hole while breaking the micro-injector capsule membrane for releasing the micro-injector capsule contents into the feeder tube and into the tree. Another method is to place the feeder tube in the predrilled hole of the tree using the optional insertion tool. Then place the compressed micro-injection capsule onto the feeder tube in place.

#### **9. REMOVAL**

Uptake in the tree usually occurs within several minutes. Micro-injectors may be temporarily rotated in place to see if any liquid is left. When empty, turn the micro-injectors upside down for one minute before removal. Applicators must remove micro-injectors promptly after treatment. Empty micro-injectors must not be left on the tree. The health and species of the tree, and local environmental conditions will determine the rate of uptake. If the micro-injector capsule does not completely empty within a few hours, invert and carefully remove the micro-injector and enclose it in a heavy duty plastic bag for disposal in accordance with state and local regulations.

## 10. MINI-MICRO FEEDER TUBE

For established trees with thin bark ((less than 3/8 in. (0.9 cm) thickness), use a 7/64 in. (0.3 cm)) drill bit to produce a micro-injection site for a mini-micro feeder tube.

## 11. MINI-MICRO INSERTION TOOL

Because the 7/64 in. mini-micro injection site is so small, the mini-micro insertion tool pin must be inserted into and through the mini-micro feeder tube and the combination placed into the injection site. The insertion pin prevents plugging of the feeder tube and provides a clear pathway to the cambium tissue. Be sure to place the feeder tube with the flange notch up. The insertion tool is removed from the mini-micro feeder tube and the micro-injector capsule is secured to the feeder tube by sliding the inlet hole over the flange end of the tube. The system is activated by applying a force to the micro-injector capsule as previously described in step #8.

For all rates of applications, see #3 under  
"Directions for Use".

# Mauget®

### ORNAMENTAL & FOREST TREES

**PHYTOPHTHORA Spp.** (including *P. ramora*,  
*P. cinnamomi*, *P. palmivora*, *P. cactorum*)

#### ANTHRACNOSE

**APPLE SCAB** (*Venturia inaequalis*)

**BACTERIAL BLIGHT** (*Xanthomonas* spp.)

### CONIFERS

**GROWN IN COMMERCIAL NURSERIES, PLANTATIONS  
and FORESTS (INCLUDING CHRISTMAS TREES)**

**PHYTOPHTHORA Spp.**  
(including *P. ramora*, *P. cinnamomi*,  
*P. palmivora*, *P. cactorum*)

### CROP TREES

### DISEASE

#### AVOCADOS

ROOT ROT  
(*Phytophthora cinnamomi*, *P. citricola*)

#### CITRUS (mature trees)

ROOT, FOOT and COLLAR ROT  
(*Phytophthora* spp. incl.  
*P. nicotianae*, *P. citrophthora*)

#### COCONUTS

BUD -- NUT FALL  
(*Phytophthora palmivora*)

#### APPLES, PEARS, LOQUATS, QUINCE

APPLE SCAB  
(*Venturia inaequalis*)

#### TREE NUTS SUCH AS ALMONDS WALNUTS

ROOT and COLLAR ROT  
(*Phytophthora* spp.)

## RESTRICTIONS

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

## STORAGE AND DISPOSAL

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

**STORAGE:** Store in a cool place over 45° F with units in an upright position.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Dispose of empty capsules in a sanitary landfill or by incineration if approved by State and Local authorities. If burned stay out of smoke

## NOTICE OF WARRANTY

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