



# ArborFos®

## SYSTEMIC FUNGICIDE

**FOR TREE INJECTION USE FOR SEASONAL SUPPRESSION  
OF CERTAIN DISEASES  
INTENDED FOR USE BY PROFESSIONAL APPLICATORS**

MFG. BY: J.J. MAUGET CO  
ADDRESS: 129 Growth Center Dr NE #A  
TOWN, STATE: Floyd, VA 24091  
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EPA REGISTRATION NO: 7946-26  
EPA ESTABLISHMENT NO: 7946-VA-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 ingredient, mono- and di-potassium salts of Phosphorous Acid. Equivalent to 3.353 lbs Phosphorous Acid/gallon.

### Net Contents– Bottles:

\_\_\_\_\_ 1 bottle @ 1 liter (33.8 fl. oz.)

\_\_\_\_\_ 1 bottle @ 500 mL (16.9 fl. oz.)

**Shipping box/case: 4 bottles as above**

**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 mouth-to-mouth, if possible.</li><li>• Call a poison control center or doctor for further treatment advice.</li></ul>

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.

### NOTICE OF WARRANTY

To the extent consistent with applicable law, 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.

### 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 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 drinking, eating, chewing gum, using tobacco, or using the toilet.
- Remove PPE clothing immediately if the 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

For terrestrial uses. 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 washwaters or rinsate.

## DIRECTIONS FOR USE

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

### RESTRICTIONS

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

### 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. The health, species of the tree, and the environmental conditions will determine the rate of uptake. Infected trees will absorb the material more slowly due to the vascular plugging caused by the disease. If ArborFos® is not absorbed within 24 hours, the tree is considered high risk and has a poor chance of survival. For all rates of application, see Dosage Instructions below. Thoroughly irrigate trees/plants prior to or at the same time of injection. Test for phytotoxicity prior to regular use.

Plant	Disease
Ornamental & Forest Trees	<b>Phytophthora</b> spp. (including <i>P. ramorum</i> , <i>P. cinnamomi</i> , <i>P. palmivora</i> , <i>P. cactorum</i> ) <b>Anthracnose</b> ; <b>Apple Scab</b> ( <i>Venturia inaequalis</i> ); <b>Bacterial Blight</b> ( <i>Xanthomonas</i> spp.) <b>Armillaria Root Rot</b> ( <i>Armillaria</i> spp.); <b>Pythium</b> spp.
Conifers Grown in Commercial Nurseries, Plantations, And Forest (Including Christmas Tree Farms)	<b>Phytophthora</b> spp. (including <i>P. ramorum</i> , <i>P. cinnamomi</i> , <i>P. palmivora</i> , <i>P. cactorum</i> ) <b>Armillaria Root Rot</b> ( <i>Armillaria</i> spp.); <b>Pine Pitch Canker</b> ( <i>F. subglutinans</i> ); <b>Pythium</b> spp.
<b>Crop Trees</b>	
Avocados	<b>Root Rot</b> ( <i>Phytophthora cinnamomi</i> , <i>P. citricola</i> ); <b>Armillaria Root Rot</b> ( <i>Armillaria</i> spp.)
Citrus (Mature Trees)	<b>Root, Foot and Collar Rot</b> ( <i>Phytophthora</i> spp. incl. <i>P. nicotianae</i> , <i>P. citrophthora</i> ) <b>Armillaria Root Rot</b> ( <i>Armillaria</i> spp.)
Coconuts	<b>Bud – Nut Fall</b> ( <i>Phytophthora palmivora</i> ); <b>Armillaria Root Rot</b> ( <i>Armillaria</i> spp.)
Apples, Pears, Loquats, Quince	<b>Fire Blight</b> ( <i>Erwinia amylovora</i> ); <b>Apple Scab</b> ( <i>Venturia inaequalis</i> ); <b>Armillaria Root Rot</b> ( <i>Armillaria</i> spp.)
Tree Nuts such as: Almonds, Walnuts	<b>Root And Collar Rot</b> ( <i>Phytophthora</i> spp.); <b>Armillaria Root Rot</b> ( <i>Armillaria</i> spp.)

### APPLICATION EQUIPMENT

ArborFos® is a systemic fungicide for use with liquid loadable injectors. Test ArborFos® compatibility with the injector and its liquid contact components before regular use. Clean the interior of the injector with a solvent cleaner to remove any residual liquid from prior use. Disinfect tree injector tips between each tree injection. Use liquid loadable injector equipment/devices with care and in a safe manner, in addition to following each manufacturer's directions and precautions.

### 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. If ArborFos® is not absorbed within 24 hours (barring any applicator error or malfunction of injection device or environmental factors affecting tree transpiration), the tree may be considered high risk and has a poor chance of survival.

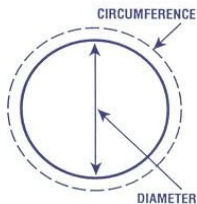
#### Number of Micro-Injection Sites:

Measure the tree at chest height in inches at a level of 4.5 feet from the soil-line using a tape measure (DBH) or an arborist diameter tape (circumference).

If measuring the diameter at breast height (DBH), divide this number by 2 (two) to determine the number of injection sites needed.

If measuring the circumference, divide this number by six (6) to determine the number of injection sites needed.

If the number of injection sites results in a fraction, round down to the lower whole number.



#### Dosage:

Use the following dosage, depending on tree diameter:

- 2.5 - 5 mL (0.8 - 0.17 fl. oz.) per inch DBH.
- Use the lower rate on trees less than 10 inches DBH and the higher rate for trees greater than 10 inches DBH.

#### Drilling the hole:

Depending on the specific type of applicator, it may be necessary to predrill holes prior to insertion of the applicator tip into the tree.

To account for trunk flare, place injection sites evenly (every 6-8 inches) around the base of the root flare within 6 to 8 inches of the root crown avoiding root valleys. Drill holes deep enough to allow the tree's vascular system to transport ArborFos® throughout the tree.

Make injection holes at least ½ to ¾ inch into healthy xylem (white wood) with actual depth up to 2 inches or more from the outer trunk surface depending upon the tree species and outer bark thickness.

For conifer species with high resin pressure, place injection sites higher on the trunk (36-48") and to a deeper drill depth of 2+ inches

#### Application and Use:

Make applications when disease first appears. Repeat treatment if disease symptoms progress.  
Place injection sites evenly spaced around the root buttress region avoiding root valleys.  
Set the injector for the appropriate amount of ArborFos® per site and follow injector manufacturer's instructions.  
For pines and other resinous conifer species, injection sites may be higher up on trunk (see above).  
Follow good injection practices. Disinfect drill bit prior to use on each tree.

**Uptake Time:**

Uptake time in the tree usually occurs within several minutes to an hour dependent upon species of tree, environmental conditions, and the type of tree injector.  
Trees in advanced stages of insect infestation may not respond to treatment.

**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:**

Store in a cool place over 45°F in an upright position. Keep out of direct sunlight when possible.

**PESTICIDE DISPOSAL:**

Waste resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:**

Nonrefillable container. Do not reuse or refill this container. Triple rinse (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into the application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling, if available, or dispose of in a sanitary landfill, or by incineration. Do not burn unless allowed by state and local ordinances. Dispose of empty bottles in a sanitary landfill or by incineration if approved by state and local authorities. If burned, stay out of smoke.