



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

July 5, 2022

Anna Armstrong
Agent
J.J. Mauget Co.
5435 Peck Road
Arcadia, CA 91006

Subject: Non-PRIA (Pesticide Registration Improvement Act) Labeling Amendment – Acceptable Revision to Combine Labeling with EPA Reg No. 7946-31, Reformat Label, Add Labeling Claims and Update Directions for Use for Clarity
Product Name: ArborFos
EPA Registration Number: 7946-26
EPA Receipt Date: 01/13/2022
Action Case Number: 00338094

Dear Ms. Armstrong:

The amended labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable.

This approval does not affect any terms or conditions that were previously imposed on this registration. You continue to be subject to existing terms or conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one (1) copy of the final printed labeling before you release this product for shipment with the new labeling. In accordance with 40 CFR § 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR § 152.3.

Should you wish to add/retain a reference to your company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the U.S. Environmental Protection Agency (EPA). If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the EPA find or if it is brought to our attention that a website contains statements or claims substantially differing from statements or claims made in connection with obtaining a FIFRA section 3 registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

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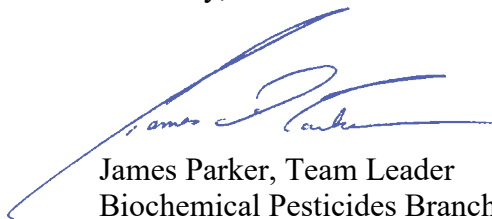
EPA Reg. No. 7946-26

Action Case No. 00338094

Your release for shipment of this product constitutes acceptance of these terms. If these terms are not complied with, this registration will be subject to cancellation in accordance with FIFRA section 6.

If you have any questions, please contact Alex Horansky via email at Horansky.alex@epa.gov.

Sincerely,



James Parker, Team Leader
Biochemical Pesticides Branch
Biopesticides and Pollution
Prevention Division (7511M)
Office of Pesticide Programs

Enclosure

ACCEPTED
Jul 05, 2022
Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 7946-26

**Master label
ArborFos™**

**Sub-label A – For ready to use capsules
Sub-label B – For ready to use bottles**


ArborFos™
**SYSTEMIC FUNGICIDE
IN READY TO USE CAPSULES AND BOTTLES**
**FOR TREE INJECTION USE FOR SEASONAL SUPPRESSION OF
CERTAIN DISEASES
INTENDED FOR USE BY PROFESSIONAL APPLICATORS**

| | |
|-----------------------|-------------------|
| MFG. BY: | J.J. MAUGET CO. |
| 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%

Total100.0%

*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.



ArborFos™

**SYSTEMIC FUNGICIDE
IN READY TO USE CAPSULES**

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

MFG. BY: J.J. MAUGET CO
ADDRESS: 5435 Peck Road
TOWN, STATE: Arcadia, CA 91006
PHONE: 626-444-1057

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 ingredient, mono- and di-potassium salts of Phosphorous Acid. Equivalent to 3.353 lbs Phosphorous Acid/gallon.

Net Contents:

Includes: 24 capsules plus 24 feeder tubes per carton/quarter flat

_____ 24 capsules @ 0.17 fl. oz. (5 mL) each, 4.08 fl. oz. (120 mL) net

_____ 24 capsules @ 0.25 fl. oz. (7.5 mL) each, 6.0 fl. oz. (180 mL) net

Shipping box: 12 cartons/quarter flats as above.

Batch code/Lot No.: _____ {Note to Reviewer: Placeholder for batch code or lot number to be placed on cartons.}

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

FIRST AID

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

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.

**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.

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.

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

MAUGET CAPSULES



Mauget compressible capsule with feeder tube insert hole
Feeder tube* with flanged gungight ("V" notch) and opposite tapered beveled end

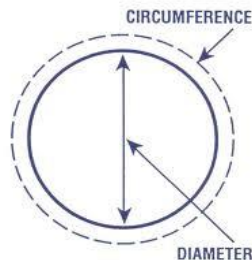
*Standard feeder tube provided is 2 3/4" using an 11/64" drill bit. Additional sizes available are Micro-Mini (1 1/4"), Micro (1 3/4") and Large (4 1/2"). Micro-Mini and Micro would be used on trees with thin bark, using a 7/64" drill bit. Large would be used on trees with thick bark, using the standard 11/64" drill bit.

TOOLS

Portable electric drill
11/64 in. (0.4 cm) hi-helix drill bit
Plastic mallet
Tape measure
Insertion tool (optional)
Mauget Compression tool (optional)

1. NUMBER OF CAPSULES

- Measure the circumference or diameter of the tree at chest/breast height (approximately 4.5 feet from the soil-line) using a tape measure or an arborist diameter tape.
- If measuring the circumference (CBH), divide this number by six (6) to determine the number of capsules needed.
- If measuring the diameter (DBH), divide this number by 2 (two) to determine the number of capsules needed.
- If the number of capsules results in a fraction, round up to the higher whole number.
- 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.
- For pines and other resinous conifer species, injection sites may be higher up on trunk.



The dosage is:

- 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.

2. DRILLING THE TREE HOLE

- a. Unless otherwise noted, predrill, at approximately 6 in. intervals, 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) hi-helix drill bit (except monocotyledons, conifers, etc.).
- b. For conifers and other species with high resin pressure, place injection sites higher on the trunk (36-48") and to a deeper drill depth of 2+ inches. After drilling the injection hold, immediately insert the feeder tube and capsule into the hole to reduce resin flow pressure.
- c. Drill to a depth of 3/8 to 1/2 in. (0.95 to 1.3 cm) into healthy xylem tissue under the bark.
- d. 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.
- e. The feeder tube dispensing end is beveled to allow for a 1/4 in. plus tolerance.
- f. Disinfect drill bit and insertion tool (if used) prior to use on each tree.
- g. Note: Feeder tube can be placed in the hole at this time to hold/mark the spot until capsules are ready to use.

3. **PRESSURIZING THE CAPSULES**

- a. To pressurize capsules firmly press down on colored top until it clicks using your hands/thumbs or a Mauget compression tool.
- b. In high altitude conditions, pressing the colored top down to the locking position may be difficult. This is an indication of high internal capsule pressure that results in faster diffusion of product into the tree.
- c. To maintain optimal pressure, monitor the capsules after installation and re-pressurize units when half of the dosage is administered.

If the center button depresses too easily and drainage is slow, pre-puncturing the capsule port membrane with the feeder tube prior to installation will equalize pressure to allow for diffusion. See 4 h-k below.

4. **COMBINING CAPSULE AND FEEDER TUBE** - Three methods of combining the capsule with the feeder tube are acceptable.

- a. By hand, place the feeder tube's flange end, with the flange notch upward, into the insert hole of a pressurized/compressed upright capsule.
- b. Push the flange end of the feeder tube flush with the membrane located at the inner end of the insert hole.
- c. Go to Step 5a.
- OR:**
- d. Place the feeder tube in the predrilled hole using the optional insertion tool.
- e. Remove the insertion tool.
- f. Place the pressurized/compressed capsule onto the feeder tube.
- g. Go to Step 5b.
- OR:**
- h. With capsule and feeder tube pointing upward, fully insert the feeder tube into the capsule, breaking the capsule membrane.
- i. Insert the beveled end of the feeder tube and capsule into the predrilled hole.
- j. Tap the rear side of the capsule with a mallet or the heel of your hand to firmly seat the feeder tube into the hole.
- k. Pressurize the capsule by carefully pressing down the colored top of the capsule until it clicks using either your thumbs or a Mauget compression tool.
- l. Go to Step 6.

5. **PLACING THE FEEDER TUBE IN THE TREE**

- a. Firmly seat the beveled, dispensing end of the feeder tube, with the attached upright capsule, into the predrilled injection hole.
- b. Tap the rear side, opposite the insert hole of the capsule with a plastic mallet or the heel of your hand. This action will simultaneously seat the feeder tube in the injection hole while breaking the capsule membrane for releasing the capsule contents into the feeder tube and into the tree.

6. **REMOVAL**

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

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE:

Store in a cool place over 45°F with capsules 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:

Dispose of empty capsules in a sanitary landfill or by incineration if approved by state and local authorities. If burned, stay out of smoke.

List of optional label claims:

- Begins absorbing upon injection
- Connect directly to the tree
- Convenient (simple) (design)
- Easy(-ier) to use (convenient, handy, useful, well-situated)
- Easy to apply
- Easy to store
- Easy to use application
- Economical
- Even if it rains - it won't lose its effectiveness
- Ideal for targeting specific infested locations (in orchards)
- It works!
- Long lasting protection
- Long lasting treatment
- No mix, no mess
- No mixing (necessary) (required)
- Once it enters the tree it won't wash off
- Only takes a few minutes to inject
- Outdoor use only
- Preventative treatment
- Provides maximum control
- Ready to use
- Shake well before application (applying)
- Ready to use applicator (device)
- Quick and easy to use
- Ready to use – no mixing, no measuring
- Requires no mixing
- Results that show
- Easier, more economical! Simple (and easy) (to use)
- Systemic treatment of undesirable pests (and disease) (the) next generation of tree care (tree injection)
- Reduced risk of exposure
- Effective proprietary formulas
- This application replaces spraying
- This application prevents over spraying
- This application does not hit non-targets (other insects, birds, bees, humans)
- Easy to transport
- Can be used around the public
- Can be used around children
- Area around treated trees does not need to be closed

Promotional options:

- Save up to \$(x) on (your) next purchase
- (x)% free (more)
- Great value
- Bonus size
- Reasonably priced
- Additional savings
- Cost saving consumables
- Economical
- Invest in labor rather than equipment (machinery)

Packaging related claims:

- Connect directly to tree
- Controlled delivery
- Convenient
- Quick connect applicator
- Quick connect applicator (device)
- Quick connect injection (applicator) (device)
- Quick & (and) easy to use
- Delivers direct treatment
- Direct injection (inject) (injecting)
- Easy
- Easy and convenient
- Easy to store (and dispose) (see instructions)
- Easy to use
- Eliminate(s) mixing
- The easy way to treat
- The easier way to treat
- No (more) hand fatigue
- No constant trigger squeezing
- No more pumping
- No pumping just inject

- No cumbersome set up
- No equipment clean up
- No costly machines or bulky equipment
- No high pressure forced delivery
- No product wastage
- No direct contact with product solutions if used according to directions
- Only takes a few minutes to apply (and lasts all season long)
- Precise control for maximum accuracy
- Prepackaged tebuconazole active ingredient
- Consistent injection for maximum accuracy
- No more tired (aching) hands
- Fast and easy application
- Easy to use application (injection)
- Easy to use injection
- Change the way you (tree inject) (inject)
- No more spray! Inject!
- Ideal for large or small jobs (areas)
- Great for large or small jobs (areas)
- Precise control
- The easier way to control pests (disease)
- The easier way to suppress pests (disease)
- Easier, more economical
- Save (saves) time and energy
- Give your hands a break
- Convenient
- Effective
- Efficient (concentrations)
- Economical
- No more bending over
- Fast and easy application
- Full and efficient delivery
- Improved applicator (application) device!
- Simple!
- Improved applicator (application) system! (device!)
- Improved applicator (application)!
- Improved!
- Improved for lasting (better) results!
- New and improved!
- No (more) hand fatigue!
- No mix, no mess
- No more pumping, no more pulling, just inject
- No spray! Just inject!
- No more tired (aching) hands
- Minimal investment in equipment and consumables
- Precise control for maximum accuracy
- Quick & easy to use
- Quick (and) natural absorption
- Save (saves) time and energy
- Simplified equipment
- Simplified calculations
- Simplified pre-filled ready to use devices
- Targeted injection
- Target infested spots
- The easy (-ier) way to control pests (and disease)
- The easy way to inject
- The fast and easy way to inject!
- You're always ready to inject!
- Change the way you (tree) inject
- (new) comfort injector
- Treat(ment) of more trees in less time



ArborFos™

SYSTEMIC FUNGICIDE

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

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| MFG. BY: | J.J. MAUGET CO |
| ADDRESS | 5435 Peck Road |
| TOWN, STATE: | Arcadia, CA 91006 |
| PHONE | 626-444-1057 |
| EPA REGISTRATION NO: | 7946-26 |
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ACTIVE INGREDIENT:

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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

Batch code/Lot No.: _____{Note to Reviewer: Placeholder for batch code or lot number to be placed on box.}

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

FIRST AID

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

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

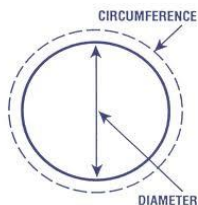
Number of Micro-Injection Sites:

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.

List of optional label claims:

- Begins absorbing upon injection
- Connect directly to the tree
- Convenient (simple) (design)
- Easy(-ier) to use (convenient, handy, useful, well-situated)
- Easy to apply
- Easy to store
- Easy to use application
- Economical
- Even if it rains - it won't lose its effectiveness
- Ideal for targeting specific infested locations (in orchards)
- It works!
- Long lasting protection
- Long lasting treatment
- No mix, no mess
- No mixing (necessary) (required)
- Once it enters the tree it won't wash off
- Only takes a few minutes to inject
- Outdoor use only
- Preventative treatment
- Provides maximum control
- Ready to use
- Shake well before application (applying)
- Ready to use applicator (device)
- Quick and easy to use
- Ready to use – no mixing, no measuring
- Requires no mixing
- Results that show
- Easier, more economical! Simple (and easy) (to use)
- Systemic treatment of undesirable pests (and disease) (the) next generation of tree care (tree injection)
- Reduced risk of exposure
- Effective proprietary formulas
- This application replaces spraying
- This application prevents over spraying
- This application does not hit non-targets (other insects, birds, bees, humans)
- Easy to transport
- Can be used around the public
- Can be used around children
- Area around treated trees does not need to be closed

Promotional options:

- Save up to \$(x) on (your) next purchase
- (x)% free (more)
- Great value
- Bonus size
- Reasonably priced
- Additional savings
- Cost saving consumables
- Economical
- Invest in labor rather than equipment (machinery)

Packaging related claims:

- Connect directly to tree
- Controlled delivery
- Convenient
- Quick connect applicator
- Quick connect applicator (device)
- Quick connect injection (applicator) (device)
- Quick & (and) easy to use
- Delivers direct treatment
- Direct injection (inject) (injecting)
- Easy
- Easy and convenient
- Easy to store (and dispose) (see instructions)
- Easy to use
- Eliminate(s) mixing
- The easy way to treat
- The easier way to treat
- No (more) hand fatigue
- No constant trigger squeezing
- No more pumping
- No pumping just inject

- No cumbersome set up
- No equipment clean up
- No costly machines or bulky equipment
- No high pressure forced delivery
- No product wastage
- No direct contact with product solutions if used according to directions
- Only takes a few minutes to apply (and lasts all season long)
- Precise control for maximum accuracy
- Prepackaged tebuconazole active ingredient
- Consistent injection for maximum accuracy
- No more tired (aching) hands
- Fast and easy application
- Easy to use application (injection)
- Easy to use injection
- Change the way you (tree inject) (inject)
- No more spray! Inject!
- Ideal for large or small jobs (areas)
- Great for large or small jobs (areas)
- Precise control
- The easier way to control pests (disease)
- The easier way to suppress pests (disease)
- Easier, more economical
- Save (saves) time and energy
- Give your hands a break
- Convenient
- Effective
- Efficient (concentrations)
- Economical
- No more bending over
- Fast and easy application
- Full and efficient delivery
- Improved applicator (application) device!
- Simple!
- Improved applicator (application) system! (device!)
- Improved applicator (application)!
- Improved!
- Improved for lasting (better) results!
- New and improved!
- No (more) hand fatigue!
- No mix, no mess
- No more pumping, no more pulling, just inject
- No spray! Just inject!
- No more tired (aching) hands
- Minimal investment in equipment and consumables
- Precise control for maximum accuracy
- Quick & easy to use
- Quick (and) natural absorption
- Save (saves) time and energy
- Simplified equipment
- Simplified calculations
- Simplified pre-filled ready to use devices
- Targeted injection
- Target infested spots
- The easy (-ier) way to control pests (and disease)
- The easy way to inject
- The fast and easy way to inject!
- You're always ready to inject!
- Change the way you (tree) inject
- Treat(ment) of more trees in less time