

# UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

May 14, 2021

Carla J. Figueroa Agent for J.J. Mauget Co. c/o SciReg, Inc. 12733 Director's Loop Woodbridge, VA 22192

Subject: Label Amendment – Add an alternate method of application, update the label format, update the direction for use, update the optional claims and to comply with EPA labeling standards Product Name: Tebuject 16 EPA Registration Number: 7946-28 Application Date: 10/13/2020 Decision Number: 571090

Dear Ms. Figueroa:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing 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 copy of the final printed labeling before you release the 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 the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements 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 Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

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Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, please contact Senedu Alemu by phone at 703 305-6178, or via email at <u>alemu.senedu@epa.gov</u>.

Sincerely, CIGiles-Parker

Cynthia Giles-Parker, Chief Fungicide Branch Registration Division (7505P)

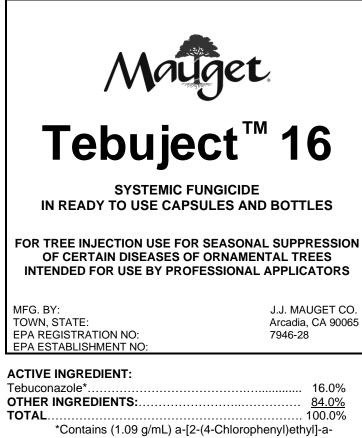
Enclosure - stamped "accepted" label

# Master Label Tebuject™ 16 Sublabel A: For ready to use capsules Sublabel B: For ready to use bottles



Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. \_\_\_\_\_

7946-28



(1,1-dimethylethyl)-1H-1,2,4-triazole-1-ethanol

KEEP OUT OF REACH OF CHILDREN CAUTION Sublabel A: For ready to use capsules



# SYSTEMIC FUNGICIDE

# IN READY TO USE CAPSULES

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

MFG. BY: ADDRESS TOWN, STATE: PHONE
EPA REGISTRATION NO: EPA ESTABLISHMENT NO:

J.J. MAUGET CO 5435 Peck Road Arcadia, CA 91006 626-444-1057 7946-28

7946-CA-1

# **ACTIVE INGREDIENT:**

Tebuconazole *	16.0%
OTHER INGREDIENTS:	<u>84.0%</u>
TOTAL	100.0%

\*Contains (1.09 g/mL) a-[2-(4-Chlorophenyl)ethyl]-a-(1,1dimethylethyl)-1H-1,2,4-triazole-1-ethanol

#### Net Contents:

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

24 capsules @ 0.14 fl. oz. (4 mL) each, 3.25 fl. oz. (96 mL) net

24 capsules @ 0.2 fl. oz. (6 mL) each, 4.9 fl. oz. (144 mL) net

#### Shipping box: 12 cartons/quarter flats as above.

288 capsules @ 0.14 fl. oz. (4 mL) each, 39.0 fl. oz. (1152 mL) net 288 capsules @ 0.2 fl. oz. (6 mL) each, 58.4 fl. oz. (1728 mL) net

# **KEEP OUT OF REACH OF CHILDREN** CAUTION

	FIRST AID	
IF ON SKIN OR CLOTHING	<ul> <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>	
IF IN EYES	<ul> <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.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>	
IF SWALLOWED	<ul> <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 to an unconscious person.</li> </ul>	
IF INHALED	<ul> <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 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.		
There is no specifi	<b>NOTE TO PHYSICIAN</b> c antidote available. Treat patient symptomatically	

# 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 absorbed through the skin, swallowed, or inhaled. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Wear protective eyewear. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse.

# PERSONAL PROTECTIVE EQUIPMENT:

Some materials that are chemical-resistant to this product are listed below.

# APPLICATORS AND OTHER HANDLERS MUST WEAR:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves (barrier laminate, butyl rubber ≥14 mils, nitrile rubber ≥14 mils, polyvinyl chloride (PVC) ≥14 mils, and viton ≥14 mils.)
- Shoes plus socks

• Protective eyewear (goggles, face shield or safety glasses) Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. 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 clothing/PPE 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 washwaters or rinsate.

# PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

# **DIRECTIONS FOR USE**

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

Read entire label, use strictly in accordance with precautionary statements and directions, and with applicable state and federal regulations. Failure to follow label directions may result in poor control or tree injury.

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.

#### RESTRICTIONS

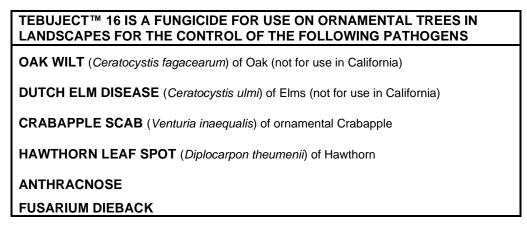
- DO NOT inject trees that are drought stressed.
- **DO NOT** inject newly established trees and/or trees that are less than two inches in diameter at breast height (DBH) (6 inches in circumference).
- DO NOT use on trees which will produce food within the year following treatment unless food crop on treated trees is discarded and destroyed.
- **DO NOT** apply to trees that exceed 100 inches DBH.
- DO NOT exceed calculated number of capsules per tree.

#### 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 Tebuject<sup>™</sup> 16 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.

Thoroughly irrigate trees/plants prior to or at the same time of injection.

Test for phytotoxicity prior to regular use.



#### **MAUGET CAPSULES**



Mauget compressible capsule with feeder tube insert hole Feeder tube\*\* with flanged gunsight ("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.

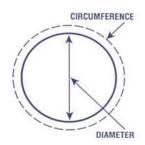
#### TOOLS

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

#### 1. NUMBER OF CAPSULES

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

Tree Size, DBH	Low Disease Pressure	High Disease Pressure
2 - 10" DBH	4 ml capsules	6 ml capsules
10"+ DBH	6 ml capsules	6 ml capsules



#### 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 conifer species with high resin pressure, place injection sites higher on the trunk (36 48 inches) and to a deeper depth of up to 2+ inches.
- 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 steps 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.
     I. 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 tree injection hole.
- b. Tap the rear side, opposite the insert hole of the capsule with a 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. <u>REMOVAL</u>

- 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 the micro-injectors promptly after treatment.
- e. Empty capsules must not be left on the tree.
- f. The health and species of the tree, and local environmental conditions will determine the rate of uptake.
- g. 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.

#### RETREATMENT

At time of initial application, make note of the health level of each tree. Reevaluate health level in treated trees at 12-month intervals to determine the need for retreatment. Consider preventive applications 12-36 months after the initial treatment.

Evaluate trees in high pest pressure areas or highly valued trees for retreatment if symptoms progress or 12 months after each treatment.

Follow application procedures described above for repeat injections; new drill holes will be required for subsequent treatments. Stagger the holes equally in subsequent applications to ensure proper uptake.

# STORAGE AND DISPOSAL

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

# PESTICIDE STORAGE

Keep pesticide in original container. Store in a cool (45°F-90°F), dry place out of direct sunlight and out of reach of children and animals.

# PESTICIDE DISPOSAL

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

#### **CONTAINER HANDLING**

Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available, or dispose of empty capsules in a sanitary landfill or by incineration if approved by State and Local authorities. Do not burn unless allowed by State and local ordinances. 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)
- 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)
- The key ingredient in this product (Tebuconazole) targets (1) Oak wilt (*Ceratocystis fagacearum*) of oak; (2) Dutch elm disease (*Ceratocystis ulmi*) of elms; (3) Crabapple scab (*Venturia inaequalis*) of ornamental crabapple; (4) Hawthorn leaf spot (*Diplocarpon theumenii*) of hawthorn; (5) Anthracnose and (6) Fusarium Dieback.
- Works on Oak wilt, Dutch elm disease, Crabapple scab, Hawthorn leaf spot, Anthracnose and Fusarium Dieback.
- This ready to use fungicide is highly effective and is designed to kill (control) (suppress) listed target pests on oak, elms, hawthorn, and ornamental crabapple

#### 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
- New(!)
- 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 (with Tebuject<sup>™</sup> 16)
- The easier way to treat (with Tebuject<sup>™</sup> 16)
- 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



# SYSTEMIC FUNGICIDE

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

Arcadia, CA 91006 626-444-1057
7946-28 7946-CA-1

# ACTIVE INGREDIENT:

Tebuconazole *	16.0%
OTHER INGREDIENTS:	84.0%
TOTAL	100.0%

\*Contains (1.09 g/mL) a-[2-(4-Chlorophenyl)ethyl]-a-(1,1dimethylethyl)-1H-1,2,4-triazole-1-ethanol

#### Net Contents- Bottles:

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

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

#### Shipping box/case:

4 bottles @ 1 liter (33.8 fl. oz.) ea., 4 liters (135.2 fl. oz.) net

4 bottles @ 500 mL (16.9 fl. oz.) ea., 2 liters (67.6 fl. oz.) net

# **KEEP OUT OF REACH OF CHILDREN** CAUTION

	FIRST AID	
IF ON SKIN OR CLOTHING	<ul> <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>	
IF IN EYES	<ul> <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.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>	
IF SWALLOWED	<ul> <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 to an unconscious person.</li> </ul>	
IF INHALED	<ul> <li>Move person to fresh air.</li> <li>If person is not breathing, call 911 or an ambulance, then give artificial respiration</li> </ul>	
control center of	container or label with you when calling a poison or doctor, or going for treatment. You may also i35-5053 for emergency treatment information.	
There is no specifi	<b>NOTE TO PHYSICIAN</b> c antidote available. Treat patient symptomatically	

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# NOTICE OF WARRANTY

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# PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION. Harmful if absorbed through the skin, swallowed, or inhaled. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Wear protective eyewear. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse.

# PERSONAL PROTECTIVE EQUIPMENT:

Some materials that are chemical-resistant to this product are listed below.

#### APPLICATORS AND OTHER HANDLERS MUST WEAR:

- · Long-sleeved shirt and long pants
- Chemical-resistant gloves (barrier laminate, butyl rubber ≥14 mils, nitrile rubber  $\geq$ 14 mils, polyvinyl chloride (PVC)  $\geq$ 14 mils, and viton  $\geq$ 14 mils.)
- Shoes plus socks
- Protective eyewear (goggles, face shield or safety glasses)

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. 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 clothing/PPE 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 washwaters or rinsate.

# PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

# **DIRECTIONS FOR USE**

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

Read entire label, use strictly in accordance with precautionary statements and directions, and with applicable state and federal regulations. Failure to follow label directions may result in poor control or tree injury.

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.

#### RESTRICTIONS

- DO NOT inject trees that are drought stressed.
- DO NOT inject newly established trees and/or trees that are less than two inches in diameter at breast height (DBH) (6 inches in circumference).
- DO NOT use on trees which will produce food within the year following treatment unless food crop on treated tree is discarded and destroyed.
- DO NOT apply to trees that exceed 100 inches DBH.

**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 Tebuject<sup>TM</sup> 16 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.

Thoroughly irrigate trees/plants prior to or at the same time of injection.

Test for phytotoxicity prior to regular use.

TEBUJECT<sup>™</sup> 16 IS A FUNGICIDE FOR USE ON ORNAMENTAL TREES IN LANDSCAPES FOR THE CONTROL OF THE FOLLOWING PATHOGENS

OAK WILT (Ceratocystis fagacearum) of Oak (not for use in California)

**DUTCH ELM DISEASE** (*Ceratocystis ulmi*) of Elms (not for use in California)

CRABAPPLE SCAB (Venturia inaequalis) of ornamental Crabapple

HAWTHORN LEAF SPOT (Diplocarpon theumenii) of Hawthorn

ANTHRACNOSE

**FUSARIUM DIEBACK** 

# **APPLICATION EQUIPMENT**



Test Tebuject<sup>™</sup> 16 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, restrictions, and precautions.

Application, use, and disease: Make applications when disease first appears. Repeat treatment if disease symptoms progress.

- 1. Measure the tree at chest height in inches.
  - a. If measuring the circumference, divide this number by six (6) to determine the number of injection sites needed.
  - b. If measuring the diameter at breast height (DBH), divide this number by 2 (two) to determine the number of injection sites needed.
  - c. If the number of injection sites results in a fraction, round up to the higher whole number.
- 2. See the chart below for dosage rates.
- 3. The use of lowest or highest specified rate is based on the professional judgment of the applicator as to what constitutes a preventative (pre-infection) or therapeutic (post-infection) treatment.
  - a. Use lowest specified rates for preventative treatments and to provide protection in smaller trees.
  - b. Use higher specified rates for therapeutic treatments, when disease symptoms have already appeared, and in larger trees.
- 4. The lower specified rate is to be used on trees less than 10 inches DBH and the higher specified rate for trees greater than 10 inches DBH.
- 5. Place injection sites evenly spaced around the root buttress region avoiding root valleys.

6. Follow good injection practices. Disinfect drill bit prior to use on each tree.

Tree Size, DBH	Low Disease Pressure	High Disease Pressure
2 - 10" DBH	4 ml per injection site	6 ml per injection site
10"+ DBH	6 ml per injection site	6 ml per injection site

#### RETREATMENT

At time of initial application, make note of the health level of each tree. Reevaluate health level in treated trees at 12-month intervals to determine the need for retreatment. Consider preventive applications 12-36 months after the initial treatment.

Evaluate trees in high pest pressure areas or highly valued trees for retreatment if symptoms progress or 12 months after each treatment.

Follow application procedures described above for repeat injections; new drill holes will be required for subsequent treatments. Stagger the holes equally in subsequent applications to ensure proper uptake.

#### STORAGE AND DISPOSAL

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

#### PESTICIDE STORAGE

Keep pesticide in original container. Store in a cool (45°F-90°F), dry place out of direct sunlight and out of reach of children and animals.

#### PESTICIDE DISPOSAL

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

# CONTAINER HANDLING

Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple Rinse as follows: Empty the remaining contents into 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 empty container in a sanitary landfill or by incineration if approved by State and Local authorities. Do not burn unless allowed by State and local ordinances. 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)
- 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)
- The key ingredient in this product (Tebuconazole) targets (1) Oak wilt (*Ceratocystis fagacearum*) of oak; (2) Dutch elm disease (*Ceratocystis ulmi*) of elms; (3) Crabapple scab (*Venturia inaequalis*) of ornamental crabapple; (4) Hawthorn leaf spot (*Diplocarpon theumenii*) of hawthorn; (5) Anthracnose and (6) Fusarium Dieback.
- Works on Oak wilt, Dutch elm disease, Crabapple scab, Hawthorn leaf spot, Anthracnose and Fusarium Dieback.
- This ready to use fungicide is highly effective and is designed to kill (control) (suppress) listed target pests on oak, elms, hawthorn, and ornamental crabapple

#### 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
- New(!)
- 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 (with Tebuject<sup>™</sup> 16)
- The easier way to treat (with Tebuject<sup>TM</sup> 16)
- 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
- 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