



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

September 25, 2019

J.J. Mauget Co.
C/O Tyler B. Murray
SciReg, Inc.
12733 Director's Loop
Woodbridge, VA 22192

Subject: Notification per PRN 98-10 – Addition of disease
Product Name: TEBUJECT 16 HP
EPA Registration Number: 7946-36
Application Date: 08/08/2019
Decision Number: 554613

Dear Mr. Murray:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped "Notification" and will be placed in our records.

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.

If you have any questions, please contact Maryam K. Muhammad by phone at 703-347-0301, or via email at Mohammad.maryam@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to be "H. Johnson".

Hope Johnson, Product Manager 21
Fungicide Branch
Registration Division (7505P)
Office of Pesticide Programs



Tebuject™ 16 Hp

**SYSTEMIC FUNGICIDE
FOR TREE INJECTION USE FOR SEASONAL SUPPRESSION
OF CERTAIN DISEASES OF ORNAMENTAL TREES**

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

J.J. MAUGET CO.
Arcadia, CA 90065
7946-36

ACTIVE INGREDIENT:

Tebuconazole* 16.0%

OTHER INGREDIENTS:

Total 84.0%

100.0%

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

KEEP OUT OF REACH OF CHILDREN CAUTION

	FIRST AID
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 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. Call a poison control center or doctor for treatment advice.
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 by a poison control center or doctor. Do not give anything to an unconscious person.

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.

NOTE TO PHYSICIAN

There is no specific antidote available. Treat patient symptomatically.

Net Contents:

_____ 1 bottle @ 1 liter (33.8 fl. oz.)

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

_____ 1 bottle @ 500 mL (16.9 fl. oz.)

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

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if absorbed through the skin. 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.

NOTIFICATION

7946-36

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

09/25/2019

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 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

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.

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 Tebuject 16 Hp 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.

USE SITES

TEBUJECT 16 Hp fungicide is for use on ornamental trees in landscapes for the control of the following pathogens: (1) Oak wilt (*Ceratocystis fagacearum*) of oak (**not for use in California**); (2) Dutch elm disease (*Ceratocystis ulmi*) of elms (**not for use in California**); (3) Crabapple scab (*Venturia inaequalis*) of ornamental crabapple; and (4) Hawthorn leaf spot (*Diplocarpon theumenii*) of hawthorn; (5) Anthracnose. For best results, use as a preventative treatment. Not intended for use on ornamentals intended for resale.

APPLICATION EQUIPMENT

Tebuject 16 Hp is a systemic fungicide for use with liquid loadable injectors for tree injection applications. Test Tebuject 16 Hp 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.

Measure the tree at chest height in inches. If measuring the circumference, divide this number by six (6) to determine the number of injection sites needed. If measuring the diameter at breast height (DBH), divide this number by 2 (two) 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.

The following dosage depends on tree diameter: 10 ml (low rate) - 20 mL (high rate) (0.34-0.67 fl. oz.) per inch DBH.

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.

Use lowest specified rates for preventative treatments and to provide protection in smaller trees. Use higher specified rates for therapeutic treatments, when disease symptoms have already appeared, and in larger trees.

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.

Application, use, and disease: 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. Follow good injection practices. Disinfect drill bit prior to use on each tree.

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.

TARGET PATHOGENS ON ORNAMENTAL TREES

**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

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 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.

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.