

®



# MYCOJECT<sup>®</sup> ULTRA Hp

SYSTEMIC ANTIBIOTIC  
FOR USE WITH LOADABLE TREE INJECTORS FOR SEASONAL  
SUPPRESSION OF CERTAIN DISEASES OF ORNAMENTAL TREES

MFG. BY:	J.J. MAUGET CO.
TOWN, STATE:	Arcadia, CA 91006
EPA REGISTRATION NO:	7946-33
EPA ESTABLISHMENT NO:	7946-CA-1

**ACTIVE INGREDIENT:**  
Oxytetracycline Hydrochloride..... 4.3%  
**OTHER INGREDIENTS:**..... 95.7%  
Total 100.0%

Net Contents:  
\_\_\_\_\_ 1 bottle @ 33.81 fl. oz. (1 liter)  
\_\_\_\_\_ 4 bottles @ 33.81 fl. oz. (1 liter) ea.; 1 gal., 7.3 fl. oz. (4 liters) net

**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 by a poison control center or doctor.</li> <li>• Do not give anything to an unconscious person.</li> </ul>
<b>IF ON SKIN</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 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.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<p><b>HOT LINE NUMBER</b> Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-535-5053 for emergency treatment information.</p>	
<p><b>NOTE TO PHYSICIAN</b> There is no specific antidote available. Treat patient symptomatically.</p>	

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

Harmful if swallowed. Avoid contact with skin or clothing. Causes moderate eye irritation. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Wear long-sleeved and long pants, socks, shoes, and chemical-resistant gloves (such as Barrier Laminate, Butyl Rubber, Nitrile Rubber, Neoprene Rubber, Polyvinyl Chloride (PVC), Viton, Selection Category C). Avoid contact with eyes or clothing. Wear protective eyewear such as goggles, face shield or safety glasses. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

**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
  - Shoes plus socks
  - Chemical resistant gloves, such as polyethylene or butyl rubber or neoprene rubber or viton
  - Protective eyewear such as goggles, face shield or safety glasses

**USER SAFETY REQUIREMENTS:**  
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.

Use within 6 months of the container-stamped packaged date.

**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.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirement specific to your State or Tribe, consult the agency responsible for pesticide regulation.

### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and the Worker Protection Standard, 40 CFR 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries and greenhouses, and the handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.

For early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water, wear:

- Coveralls over long-sleeved shirts and long pants
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks

### APPLICATION EQUIPMENT

Mycoject Ultra Hp is a systemic antibiotic for use with liquid loadable injectors. Test Mycoject Ultra 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 prior to use. Disinfect tree injector tips between each tree injection. Applicators must use liquid loadable injector equipment/devices with care and in a safe manner in addition to following each manufacturer's directions and precautions.

#### Micro-Injection Sites:

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, 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. Calculations result in 6 mL of product for every 6 inches of trunk circumference.

#### 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. Drill holes deep enough to allow the tree's vascular system to transport Mycoject Ultra Hp 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.

#### Application and Use:

Set the injector for the appropriate amount of Mycoject Ultra Hp per site and pressurize the injector. To account for trunk flare, 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.

#### Uptake Time:

Uptake time in the tree usually occurs within several minutes to an hour dependant upon species of tree, soil moisture availability, and the type of tree injector.

**Important:** Do not use any part of treated trees or shrubs, including sap as food or feed. 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 Mycoject Ultra Hp is not absorbed within 24 hours, the tree is considered high risk and has a poor chance of survival.

### RESTRICTIONS

Do not inject trees that are less than two inches in diameter. This product is not to be used on trees that will produce food within the year following treatment.

### APPLICATION, USE and DISEASE

Mycoject Ultra Hp is a ready-to-use antibiotic for use on non-crop bearing ornamental trees and large woody shrubs. Make applications when disease first appears. Mycoject Ultra Hp provides seasonal suppression of mycoplasmas, xylem-limited bacteria (*Xylella fastidiosa*, BLS), yellows diseases, and some bacterial blight diseases. Late summer or early fall applications provide disease suppression the following season. Some diseases may require repeated yearly application.

USE	DISEASE
Ash	Ash Yellows
Elm	Bacterial Leaf Scorch, Phloem Necrosis
Gum (Sweet)/Liquidamber	Bacterial Leaf Scorch
Mountain ash (non-bearing)	Fire Blight
Oak	Bacterial Leaf Scorch
Palm	Palm Lethal Yellows
Pear (non-bearing)	Fire Blight
Oleander	Bacterial Leaf Scorch
Sycamore	Bacterial Leaf Scorch

12/21/11

### **PESTICIDE 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 units in an upright position. Do not expose material to temperatures in excess of 85°F for prolonged periods.

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

**CONTAINER HANDLING:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available, or puncture and dispose 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.

12/21/11