TERRIER™
SYSTEMIC ANTIBIOTIC

An ArborSystems™ Direct-Inject™ Chemical
• Easy • No Drilling • Saves Time and Money

For suppression of certain diseases including bacterial leaf scorch, fire blight, yellows diseases and phloem necrosis on ornamental trees.

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

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.

The ArborSystems Direct-Inject unit is designed to be used only with ArborSystems pre-packed chemicals. Tampering with packs or contents may cause non-warrantied damage to your injection system.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.
Pesticide Storage: Store in a cool (>45°F) place with containers in an upright position. Do not expose material to high temperatures (>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 facility. Container Handling: Non-refillable container; do not reuse or refill this container. Completely empty pack into application equipment, then offer for recycling, if available, or dispose of empty pack in a sanitary landfill or by incineration.

Use within 6 months of the container-stamped packaged date.
**TERRIER™ Systemic Antibiotic**
An ArborSystems™ Direct-Inject™ Chemical

**TERRIER™ Systemic Antibiotic**
For suppression of certain diseases including bacterial leaf scorch, fire blight, yellows diseases and phloem necrosis on ornamental trees.

**ACTIVE INGREDIENT:**

Oxytetracycline hydrochloride ........................................... 4.3%

**OTHER INGREDIENTS** ........................................................ 95.7%

Total ................................................................................ 100.0%

---

**Keep Out of Reach of Children CAUTION**

See booklet for First Aid, additional Precautionary Statements and complete Directions for Use.

---

**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.

The ArborSystems Direct-Inject unit is designed to be used only with ArborSystems pre-packed chemicals. Tampering with packs or contents may cause non-warrantied damage to your injection system.

---

**STORAGE AND DISPOSAL**

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

**Pesticide Storage:** Store in a cool (>45°F) place with containers in an upright position. Do not expose material to high temperatures (>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 facility. **Container Handling:** Non-refillable container; do not reuse or refill this container. Completely empty pack into application equipment, then offer for recycling, if available, or dispose of empty pack in a sanitary landfill or by incineration.

Net Contents: 4 fl oz (120 ml)
EPA Reg. No. 69117-10
EPA Est. 69117-NE-1

---

**Use within 6 months of the container-stamped packaged date.**
TERRIERTM
Systemic Antibiotic
An ArborSystems™ Direct-Inject™ Chemical

TERRIERTM
Systemic Antibiotic

For suppression of certain diseases including bacterial leaf scorch, fire blight, yellows diseases and phloem necrosis on ornamental trees.

ACTIVE INGREDIENT:
Oxytetracycline hydrochloride ........................................ 4.3%

OTHER INGREDIENTS ........................................................ 95.7%

Total ............................................................................... 100.0%

Keep Out of Reach of Children
CAUTION
See booklet for First Aid, additional Precautionary Statements and complete Directions for Use.

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.

The ArborSystems Direct-Inject unit is designed to be used only with ArborSystems pre-packed chemicals. Tampering with packs or contents may cause non-warrantied damage to your injection system.

STORAGE AND DISPOSAL

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

Pesticide Storage: Store in a cool (>45°F) place with containers in an upright position. Do not expose material to high temperatures (>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 facility. Container Handling: Non-refillable container; do not reuse or refill this container. Completely empty pack into application equipment, then offer for recycling, if available, or dispose of empty pack in a sanitary landfill or by incineration.

Net Contents: 1 qt 2 fl oz (1000 ml)
EPA Reg. No. 69117-10
EPA Est. 69117-NE-1

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

800-698-4641 • Fax: 402-339-5011
P.O. Box 34645 • Omaha, NE 68134

TR_1MS_18-5
DISEASE NOTES

1. Bacterial Leaf Scorch (BLS) is a bacterial plant disease caused by a vascular clogging bacterium (Xylella fastidiosa) that rapidly multiplies within active plant xylem. Distinct scorch-like leaf symptoms are followed by twigs and branch death leading to plant decline and death. BLS bacterium is spread from diseased to healthy plant material during feeding by common urban xylem-feeding insects such as leafhoppers and treehoppers.

2. Elm with phloem necrosis exhibit leaves which turn yellow (out of season) and may drop prematurely. On trees that survive over winter, leaves in the spring are small and sparse. Symptoms are quite similar to Dutch Elm Disease, however it is important to distinguish between the two diseases as treatments are different. In Elms with phloem necrosis the entire crown is likely to show symptoms at the same time with symptoms appearing from July to late September. With Dutch Elm Disease, usually one or several small branches in the upper crown show earlier symptoms, which may appear anytime during the growing season.

3. Choose which style and length of ArborSystems Direct-Inject™ unit is protected by U.S. Patent #5,901,498

4. The injection unit is preset to deliver a dose adjustment ring to the 0.5 ml stroke of the handles. If you need to inject a 0.5 ml dose of chemical, move the dose adjustment ring to the 0.5 ml dose adjustment grove.

5. Make injections working around base (or flare) of the tree. All injections should be made within 12” of the ground unless otherwise noted.

6. With a smooth motion, firmly squeeze the injection unit handles to deliver chemical into tree. Apply equal pressure on both handles—unequal pressure may bend or break the tip.

7. Continue making injections moving around the tree until the entire tree trunk has been treated.

8. When removing tips from the tree, use a straight rearward motion. Avoid rocking motions as that may damage tips or the injection unit.

9. Tips should be cleaned after each use by submerging in alcohol or diluted bleach.

10. At the end of the day, water flush the Wedgle Direct-Inject unit to prevent clogging.

Avoiding chemical waste: Any time you remove a chemical pack (after making injections), there is approximately 2.5 ml of chemical retained in the injection unit. To avoid wasting this chemical, remove the chemical pack before making your final injections. You will be able to make two additional 1 ml doses with the chemical remaining in the injection unit.

STORAGE AND DISPOSAL

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

Pesticide Storage: Store in a cool (>45ºF) place with containers in an upright position. Do not expose material to high temperatures (>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 facility.

Container Handling: Non-refillable container; do not reuse or refill this container. Completely empty pack into application container-stamped packaged date.

NOTICE OF WARRANTY

ArborSystems warrants that this product conforms to the chemical description on the label and is reasonably fit for use when used strictly in accordance with the directions on the labeling. To the extent consistent with applicable law, ArborSystems does not make or authorize any agent or representative to make any other warranty, guarantee or representation, express or implied, concerning this product.

The chemical description on the label conforms to the chemical description on the label and is reasonably fit for use when used strictly in accordance with the directions on the labeling. To the extent consistent with applicable law, ArborSystems does not make or authorize any agent or representative to make any other warranty, guarantee or representation, express or implied, concerning this product.
MAXIMIZE YOUR TREES’ POTENTIAL
\[\text{Direct-Inject™ Tree Injection System} \]

\text{Buying Guide}  \quad \text{for}  \quad \text{Commercial Professionals}

\text{Terrier™ Systemic Antibiotic}

An ArborSystems™ Direct-Inject™ Chemical

\text{• Easy • No Drilling • Saves Time and Money}

This method is easy to use. Trees are treated in as little as 5 minutes or less, allowing applicators to treat trees quickly. There is no need to wait for the chemical to be absorbed (translocated) before treatment; during the year following treatment, do not use any part of treated trees or shrubs, including sap, as food or feed. Do not inject trees that are less than two inches in diameter. This product contains the antibiotic oxytetracycline. To reduce the development of drug-resistant bacteria and maintain the effectiveness of this and other antibacterial products, this product should be used only to treat or prevent infections that are proven or strongly suspected to be caused by bacteria. This material is not to be used for medical or veterinary purposes.

\text{PRODUCT INFORMATION}

\text{TERRIER™ Systemic Antibiotic is a ready-to-use antibiotic for non-crop bearing ornamental trees and large woody shrubs. TERRIER™ Systemic Antibiotic provides seasonal suppression of a variety of diseases including bacterial leaf scorch, fire blight, yellows diseases, phloem necrosis, mycoplasmas, xylem-limited bacteria (Xylella fastidiosa), BLS and some bacterial diseases. Late summer or early fall applications provide disease suppression the following season. Some diseases may require repeated yearly application. Preventive application is more effective than therapeutic treatment in trees showing disease symptoms. Apply as a preventative when other trees in the area are showing symptoms. In trees showing symptoms, begin treatment as soon as possible. Trees in advanced stages of disease development may not respond to treatment. Infected trees will absorb the chemical more slowly due to the vascular damage caused by the disease. If TERRIER™ Systemic Antibiotic is not absorbed within 24 hours, the tree is considered highly risk and has a poor chance of survival.}

\text{RESTRICTIONS}

This product is not to be used on trees or shrubs that will produce food within the year following treatment; during the year following treatment, do not use any part of treated trees or shrubs, including sap, as food or feed. Do not inject trees that are less than two inches in diameter.

\text{EPA Reg. No. 69117-10 EPA Est. 69117-NE-1}

\text{In order to achieve the greatest benefit from application of TERRIER™ Systemic Antibiotic, consider the following:}

\text{1. Trees in the area are showing symptoms. In trees showing symptoms, begin treatment as soon as possible.}
\text{2. Trees in advanced stages of disease development may not respond to treatment.}
\text{3. Infected trees will absorb the chemical more slowly due to the vascular damage caused by the disease. If TERRIER™ Systemic Antibiotic is not absorbed within 24 hours, the tree is considered highly risk and has a poor chance of survival.}

\text{CAUTION: Harmful if swallowed. Avoid contact with skin or clothing. Causes moderate eye irritation. Thoroly wash with soap and water after handling and before eating, drinking, using tobacco or using the toilet. Wear long-sleeved shirt and long pants, socks, shoes and chemical-resistant gloves (such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polypolyvinyl chloride (PVC), Viton, Selection Category C). Avoid contact with eyes or clothing. Wear protective eyewear such as goggles or shielded safety glasses. Prolonged or frequent use may cause allergic reaction in some individuals.}

\text{FIRST AID}

\text{If swallowed: Immediately call a poison control center or doctor for treatment advice. If person is a glass of water if able to swallow. Do not induce vomiting until told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person. If Skin or Clothing: Take off contaminated clothing. Rinse skin with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice. If Eyes: 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.}

\text{USER SAFETY RECOMMENDATIONS}

\text{• Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.}
\text{• Immediately remove clothing/PPE if pesticide gets inside; then thoroughly wash and put on clean clothing.}
\text{• Immediately remove PPE after handling this product. Wash the outside of gloves before removing. As soon as possible, thoroughly wash and change into clean clothing.}

\text{ENVIRONMENTAL HAZARDS}

\text{Do not apply directly to water, 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.}

\text{PHYSICAL OR CHEMICAL HAZARDS}

\text{Do not use or store near heat or open flame.}

\text{DIRECTIONS FOR USE}

\text{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.}

\text{EQUIPMENT}

\text{PERSONAL PROTECTIVE EQUIPMENT}

\text{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, butyl rubber, nitrile rubber, neoprene rubber or Viton and protective eyewear such as goggles, face shield or safety glasses.}

\text{USER SAFETY REQUIREMENTS}

\text{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.}

\text{Note to Physician: There is no specific antidote available. Treat patient symptomatically.}
**ACTIVE INGREDIENT:**
- Oxytetracycline hydrochloride: 4.3%

**OTHER INGREDIENTS:** 95.7%

**Total:** 100.0%

---

**Keep Out of Reach of Children**

**CAUTION**

See booklet for First Aid, additional Precautionary Statements and complete Directions for Use.

EPA Reg. No. 69117-10
EPA Est. 69117-NE-1

ArborSystems
800-698-4641 • Fax: 402-339-5011
P.O. Box 34645 • Omaha, NE 68134