

**ArborSystems**  
Tree Injection Solutions



# Wedgle® Direct-Inject™ TREE INJECTION SYSTEM

**Delivers proven results with less chemicals compared to foliage spray or soil drenching**

- No guarding
- No return trips
- No mixing, spilling or spraying
- No waiting for uptake
- No drilling
- No drilling damage

## Systemic Antibiotic

**Ready-To-Use Systemic Antibiotic provides seasonal suppression for a variety of diseases.**

### Treats

Bacterial Leaf Scorch  
Fire Blight  
Ash Yellows  
Phloem Necrosis (Elm Yellow)  
Lethal Yellow

**NEW!**



**Terrier antibiotics suppresses bacterial leaf scorch.**  
Photo: Hartman, University of Kentucky,  
courtesy ForestryImages.org



### Use Springer Antibiotic for Lethal Yellow disease in Palms

Effectively Inject Palms with ArborSystems specially-designed Pointle Palm Injection Tip and Tip Setter that places the chemical into the active areas of palms where it can be easily absorbed. The Pointle Palm Tip has a pointed end that aids the tip in getting into the toughest plants. The chemical ports are recessed to minimize plant material from clogging the tip.



**Contact your distributor for details. • 800.698.4641 • ArborSystems.com**



# Systemic Antibiotic

## Terrier™ Antibiotic

**Indications:** Used for ornamental trees and large woody shrubs.

**Application rate:** Inject 1-2 ml every 4" around the base of the tree.

Available in 120 ml and 1000 ml Quick-Connect Chemical Packs

**120 ml pack treats:**

Approximately 20 trees (12" DBH)

Disease	Timing
<b>BACTERIAL LEAF SCORCH</b> in Elm, Oak, Sycamore, Oleander, Sweet Gum (Liquidambar)	Apply in late summer or early fall for preventive suppression the following season. Applications made in spring (April-May) will suppress current year symptoms.
<b>FIRE BLIGHT</b> in Mountain Ash	Applications are most successful when made in early spring (January through May depending upon location) prior to or during bloom period. Fall applications are NOT recommended for fire blight suppression.
<b>ASH YELLOWS</b> in Ash	Applications for treatment of ash yellows are most successful in the spring and early summer when leafout has reached at least 50% or more .
<b>PHLOEM NECROSIS</b> in Elm, also called Elm Yellow	If phloem necrosis has been identified in nearby trees it is preferable to treat unaffected trees in late summer or early fall for preventive suppression the following season.

## Springer™ Antibiotic

**Indications:** Provides seasonal suppression of lethal yellow disease (phytoplasma disease) in palms.

**Application rate:** Inject 6 ml every 6" around the base of the palm.

Available in 1000 ml Quick-Connect Chemical Packs

**1000 ml pack treats:** Approximately 25 palms (12" DBH)

**Timing:** Anytime during the growing season.

AS-Antibiotic 082013



**Treat almost any tree in 5 minutes or less!**

**Wedgle® Direct-Inject™ TREE INJECTION SYSTEM**

### Increase treatment effectiveness

The Direct-Inject process injects chemicals directly into the active zone delivering faster results.

### Treat almost any tree in five minutes or less

There is no waiting for uptake, no guarding, and no return trips. More trees treated in less time.

### Prevent drilling damage

Direct-Inject is the only trunk injection method that does not require drilling, preventing drilling damage, long-term wounding, and wasted tree energy.

### Simplify the tree-care process

The Direct-Inject System requires no power, no drills, and no pumps. Everything is included in one carrying case.

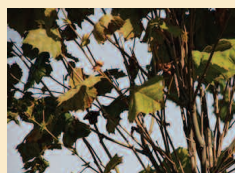
## Insecticides • Fungicides • PGRs • MicroNutrients • Antibiotics



Untreated Treated



- Control beetles, caterpillars, mites and nematodes (prevents Pine Wilt disease) using Greyhound™ Insecticide



- Prevents Anthracnose in Sycamore, Diplodia Tip Blight, Dutch Elm disease, Crabapple Leaf disease and Oak Wilt disease using Shepherd® Fungicide



- Effective control of Phytophthora spp. and Pythium diseases, Sudden Oak Death and Beech Decline using Whippet® Fungicide



Treated Untreated

- Reduces tree growth up to 70% over three years including stem elongation and wood formation using Mastiff® PGR



Before Treatment Two Weeks After Treatment

- Relieves symptoms of iron chlorosis, manganese deficiency and drought and transplant stress using Nutriboosters®



**800.698.4641**  
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