

# WHIPPET® Fungicide

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

For systemic fungicide control of Sudden Oak Death, Sycamore Anthracnose, Stem and Canker Blights, Pine Pitch Canker, Beech Decline and *Phytophthora* spp. diseases in a wide variety of trees and palm plants in urban environmental, residential areas and interior landscapes (such as those in domestic landscape/garden areas, public display plantings, recreation areas, highway and other transportation rights-of-way, scenic corridors, storage areas, forest areas and campgrounds).

To be used only with the ArborSystems Direct-Inject Tree Injection System.

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



Tree Injection Solutions

EPA Reg. No. 69117-5  
EPA Est. 69117-NE-1

Net Contents: 4 fl oz (120 ml)  
Net Contents: 1 qt 2 fl oz (1000 ml)

## FIRST AID

**If Swallowed:** Immediately call a poison control center or doctor for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything to an unconscious person.

**If in 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.

**If on Skin or Clothing:** Take off contaminated clothing. Immediately rinse skin with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**If Inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For non-emergency information on product usage call 800-698-4641, Monday through Friday, 9 am to 5 pm (Central time). For medical emergencies call the National Poison Control Center at 1-800-222-1222.

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Wear protective eyewear and rubber or neoprene gloves when handling ArborSystems Direct-Inject chemicals.

### ENVIRONMENTAL HAZARDS

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.

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

Net Contents: 1 qt 2 fl oz (1000 ml)  
Net Contents: 4 fl oz (120 ml)  
Contains 20 fl oz (575 grams) active ingredient per 1 qt (120 ml) pack.  
Contains 2.4 fl oz (69 grams) active ingredient per 4 fl oz (120 ml) pack.  
Equivalent to 3.35 lbs Phosphorous Acid/gallon.  
Total..... 100.00%  
OTHER INGREDIENTS..... 54.2%  
of Phosphorous Acid..... 45.8%  
Mono- and di-potassium salts

### ACTIVE INGREDIENTS:

residential areas and interior landscapes.  
trees and palm plants in urban environmental,  
*Phytophthora* spp. diseases in a wide variety of  
Blights, Pine Pitch Canker, Beech Decline and  
Death, Sycamore Anthracnose, Stem and Canker  
For systemic fungicide control of Sudden Oak  
An ArborSystems® Direct-Inject™ Chemical

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## NOTICE OF WARRANTY

ArborSystems warrants that this product conforms to the chemical description on the label and is reasonably fit for use under average conditions 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.

ArborSystems®, Whippet®, Portle® and Wedgle® are registered trademarks of ArborSystems.

Direct-Inject™ and WedgeChek™ are trademarks of ArborSystems.

Direct Inject™ unit is protected by U.S. Patent #5,901,498  
Wedgle® Tip is protected by U.S. Patent #5,239,773  
WedgeChek™ is protected by U.S. Patent #5,797,215  
Portle® Tip is protected by U.S. Patent #7,178,286

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## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

## PRODUCT INFORMATION

### ARBORSYSTEMS® DIRECT-INJECT™ TREE INJECTION SYSTEM

The ArborSystems Direct-Inject Tree Injection System is easy to use. Most trees are treated in as little as five minutes or less, allowing applicators to treat trees quickly. There is no need to wait for absorption (translocation). Chemical is injected into the cambial area (the active vascular system) of the tree. Because the chemical is placed right where the tree can use it, effectiveness of the chemical is increased.

Use in sunny or overcast conditions, rainy or dry, at any time of day. As no drilling or implants are required, you can treat trees year after year, with no threat of long-term or permanent damage to the tree. This system minimizes wounding and promotes long-term tree vigor.

### INDICATIONS

Use Whippet Fungicide for effective control of *Phytophthora* spp. diseases including Sudden Oak Death (*Phytophthora ramorum*), Beech Decline, Pine Pitch Canker (*Fusarium subglutinans*), Stem and Canker Blight and Sycamore Anthracnose (*Gnomonia platan*) as well as Apple Black Spot/Scab (*Venturia inaequalis*), Fire Blight, Needle Cast, *Pythium* spp. diseases and Verticillium Wilt (suppression). On Black and English Walnut use Whippet Fungicide for effective control of Thousand Cankers Disease (*Geosmithia morbida*).

### TREE SPECIES\*

Use on palm plants and trees such as, but not limited to: Almond, Apple, Avocado, Beech, Cedar, Chestnut, Conifers (including Christmas trees and Forests), Crabapple, Dogwood, Elm, Fir, Hawthorne, Juniper, Linden, Macadamia Nut, Monterey Pine, Oaks (Coastal, Live, Shreve, Black Canyon), Oriental Pear, Ornamental Pear, Ornamentals, Pyracantha, Stone Fruit, Sweet Birch, Sweet Gum, Sycamore, Tan Oaks, Walnut (Black and English), White Cedar, White Pine and Willow

\*Use in California limited to oaks (Coastal, Live, Shreve, Black Canyon)

### Timing of Injections

Inject trees anytime during the growing season. Treatments are more effective when made early in the growing season. Do not inject trees in winter months.

### Dosage and Number of Injection Sites

2 ml (0.068 fl oz) per 4" of trunk circumference measured within 12" of the ground. Increase dosage to 4 ml (0.136 fl oz) per 4" of trunk circumference for trees with diameters over 12 feet.

**Note:** Because some treatments require large amounts of chemical per site, there may be occasions where it is difficult to keep all of the chemical dose in the injection site. If this is experienced, several options are possible:

1. Use the Portle or WedglePlus Injection Tips which have a check valve in the hub of each tip that keeps chemical in the tree until it is absorbed.
2. Reduce dosage volume by half and double the number of injection sites.
3. Inject half the dose at each site, mark the tree, continue treating other trees, then return to the marked tree and inject the remaining dosage in each site.

## HOW TO USE ARBORSYSTEMS DIRECT-INJECT CHEMICALS WITH ARBORSYSTEMS DIRECT-INJECT TREE INJECTION SYSTEM

1. Use only ArborSystems Direct-Inject chemicals with your unit as they have been formulated specifically for the Direct-Inject system.
2. Measure the circumference of the tree within 12" of the ground. Follow the label directions and application dosages in this booklet to determine the number of injection sites and the amount of chemical to be injected at each site.
3. Choose which style and length of ArborSystems Injection Tip is most appropriate for the type of tree you are treating.
4. The injection unit is preset to deliver a 1ml (0.034 fl oz) dose of chemical with each full stroke of the handles. If you need to inject a 0.5 ml (0.017 fl oz) dose of chemical, move the dose adjustment ring to the 0.5 ml (0.017 fl oz) dose adjustment groove.
5. Make injections working around the base (or flare) of the tree. Make all injections within 12" of the ground unless otherwise noted.
6. With a smooth motion, firmly squeeze the injection unit handles to deliver chemical into the 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. Clean tips after each use by submerging in alcohol or diluted bleach.
10. At the end of the day, water flush the Direct-Inject unit to prevent clogging.

## STORAGE AND DISPOSAL

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

**Pesticide Storage:** Store in original container in a cool, dry place. Do not store near any heat source or strong oxidants.

**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.