

69117-2

1/28/2009

1 of 2



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Kim Davis, Manager  
Arbor Systems, Inc.  
c/o RegWest Company, LLC  
30856 Rocky Road  
Greeley, CO 80631-9375

JAN 28 2009

Subject: Notification(s) for Label Revisions under PRN 98-10

1. Changes in container packaging
2. Added additional directions for use
3. Other minor revisions

Dear Ms. Davis:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notices (PRN) 98-10 dated November 26, 2008 for:

**EPA Registration 69117-2**

**Greyhound Insecticide**

The Registration Division (RD) has conducted a review of the request(s) for applicability under PRN 98-10 and finds that the label changes requested fall within the scope of PRN-98-10. The label has been date-stamped "Notification" and will be placed in our records.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identify the batch of the pesticide distributed and sold be placed on nonrefillable containers. The code may appear either on the label (and can be added by non-notification/PR Notice 98-10) or durably marked on the container itself.

If you have any questions, please contact me directly at 703-305-6249 or Nicole Williams of my staff at 703-308-5551.

Sincerely,

A handwritten signature in black ink, appearing to read "Linda Arrington".

Linda Arrington  
Notifications & Minor Formulations Team Leader  
Registration Division (7505P)  
Office of Pesticide Programs

20821

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060.

United States <b>Environmental Protection Agency</b> 1200 Pennsylvania Avenue, N.W. Washington, DC 20460-0001	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number <h2 style="text-align: center;">Notification</h2>
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**Application for Pesticide – Section I**

1. Company/Product Number <b>EPA Reg. No. 69117-2</b>	2. EPA Product Manager <b>John Hebert</b>	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/ Product (Name) <b>GREYHOUND™ Insecticide</b>	PM # <b>7</b>	
5. Name and Address of Applicant (Include ZIP Code) <b>ArborSystems, Inc.</b> <b>c/o RegWest Company, LLC</b> <b>30856 Rocky Road</b> <b>Greeley, CO 80631-9375</b> <input type="checkbox"/> Check if this is a new address		6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i) my product is similar or identical in composition and labeling to: <h3 style="text-align: center;">NOTIFICATION</h3> EPA Reg. No. <u>JAN 28 2009</u> Product Name _____

**Section – II**

<input type="checkbox"/> Amendment – Explain below. <input type="checkbox"/> Resubmission in response to Agency letter dated _____ <input checked="" type="checkbox"/> Notification – Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____ <input type="checkbox"/> "Me Too" Application. <input type="checkbox"/> Other – Explain below.
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**Explanation:** Use additional page(s) if necessary. (For Section I and Section II.)

**Submit label revision notification per PR Notice 98-10.**  
**Refer to the Reference Label for an illustration of all label revisions**  
**(revisions related primarily to a change in container/packaging components).**

*This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR § 152.45, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to the EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR § 152.46 this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.*

**Section – III**

<b>1. Material This Product Will Be Packaged In:</b>				<b>2. Type of Container</b>	
Child Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input checked="" type="checkbox"/> Paper <input type="checkbox"/> Other (Specify): _____	
<b>*Certification must be submitted</b>		If "Yes" Unit Packaging Wt.	No. Per Container	If "Yes" Packaging Wt.	No. Per Container
<b>3. Location of Net Contents Information</b> <input checked="" type="checkbox"/> Label <input checked="" type="checkbox"/> Container		<b>4. Size(s) Retail Container</b> <b>4 fl. oz. (120 ml) and</b> <b>1 qt. 2 fl. oz. (1000 ml)</b>		<b>5. Location of Label Directions</b> <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling Accompanying Product	
<b>6. Manner in Which Label is Affixed to Product</b> <input type="checkbox"/> Lithograph <input type="checkbox"/> Stenciled <input checked="" type="checkbox"/> Paper glued <input checked="" type="checkbox"/> Other Self-adhesive booklet					

**Section - IV**

<b>1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application).</b>		
Name <b>Kim Davis, CC, APC, Manager</b>	Title <b>Consultant/Agent</b>	Telephone No. (Include Area Code) <b>(970) 353-0611</b> <b>kim@regwest.com</b>
<b>Certification</b> I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		<b>6. Date Application Received (Stamped)</b>
2. Signature 		
3. Title <b>Consultant/Agent</b>		
4. Typed Name <b>Kim Davis, CC, APC, Manager</b>		5. Date <b>November 26, 2008</b>

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FTN 8646 7118 7923

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November 26, 2008



ok

Ms. Linda Arrington  
Document Processing Desk – **NOTIF**  
Office of Pesticide Programs – **7504P**  
**U.S. Environmental Protection Agency**  
2777 South Crystal Drive  
One Potomac Yard, Room S-4900  
Arlington, VA 22202

Dear Ms. Arrington:

**Subject:** ArborSystems, Inc.  
Greyhound™ Insecticide  
EPA Reg. No. 69117-2

PR Notice 98-10 only

On behalf of **ArborSystems, Inc.**, RegWest Company, LLC is submitting the attached materials as notification of a label revision for subject product. RegWest will act as sole agent in this endeavor.

Attached are the following:

1. Application for Pesticide: Other (Notification)
2. One **Reference Label** (illustrating the revisions)
3. Two **New Labels** (incorporating the revisions)
4. Two sets of market labels

We are making several revisions to the labeling, primarily due to a change in packaging concepts. The previous packaging/container concepts were:

- For the 4 fl oz (120 ml) size: a box containing a chemical bottle (with reduced labeling) and an insert
- For the 1 qt 2 fl oz (1000 ml) size: a box containing a pouch.

The attached labeling reflects the current container concepts which are:

- For the 4 fl oz (120 ml) size: a collapsible pouch sealed in a closed plastic canister (i.e., the "pack"), which is then put in an outer box
- For the 1 qt 2 fl oz (1000 ml) size: a collapsible pouch in a sealed box (i.e., the "pack") which is then put in an outer box.

The 4 fl oz pack now has a booklet (instead of an insert) affixed to the canister and an outer box label (with reduced labeling). When used to inject chemical into trees, the pack is removed from the outer box and installed onto the delivery device. The 1 qt 2 fl oz pack now has a full label on the box (the pouch cannot be removed from the box without destroying the box) and an outer box label (with reduced labeling). The box has a connective tube. When used to inject chemical into trees, the pack is removed from the outer box and the tube is connected to the delivery device.

Please refer to the **Reference Label** for a complete illustration of all label revisions.

Please contact me at (970) 353-0611 or kim@regwest.com if you require additional information or have any questions.

Regards,  
**RegWest Company, LLC**

Kim Davis, CC, APC, Manager  
Consultant/Agent

Attachments

cc: ASI - Doolittle, C.

30856 Rocky Road  
 Greeley, CO 80631-9375  
 970-353-0611  
 970-353-0613 Fax  
 Kim@regwest.com

4021

# GREYHOUND™ Insecticide

{Affixed Booklet – Front Panel}

**GREYHOUND™ Insecticide**  
An ArborSystems™ Direct-Inject™ Chemical

**NOTIFICATION**

JAN 28 2009

For systemic insect control in a wide variety of ornamental trees in utility rights-of-way, urban environments, residential areas and interior plantscapes.

For the treatment of woody trees and shrubs for the control of Elm Leaf Beetles, Lace Bugs, Leaf Miners, Mites and Pine Wilt (Pine Nematodes).

**Active Ingredient:**

Abamectin (CAS Nos. 65195-56-4 and 65195-55-3) .....	2%
<b>Other Ingredients</b> .....	<b>98%</b>
<b>Total</b> .....	<b>100%</b>

Contains 0.0047 pound Abamectin per 4 fl. oz. (120 ml) pack.

**Net Contents: 4 fl. oz. (120 ml)**

<p><b>Keep Out of Reach of Children</b> <b>WARNING/AVISO</b></p> <p>Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail).</p> <p><b>See inside for additional precautionary statements and complete Directions for Use.</b></p>
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{Affixed Booklet}

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

For systemic insect control in a wide variety of ornamental trees in utility rights-of-way, urban environments, residential areas and interior plantscapes (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, campgrounds and other uncultivated, nonagricultural areas).

For the treatment of woody trees and shrubs for the control of Elm Leaf Beetles, Lace Bugs, Leaf Miners, Mites and Pine Wilt (Pine Nematodes).

**For use by professional arborists/applicators, foresters, grounds maintenance professionals and landscapers.**

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

**ArborSystems™**  
*The No-Drill Injection Solution*  
[www.ArborSystems.com](http://www.ArborSystems.com)  
800-698-4641 • Fax: 402-339-5011

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P.O. Box 34645 • Omaha, NE 68134

Net Contents: 4 fl. oz. (120 ml)  
EPA Reg. No. 69117-2 • EPA Est. 69117-NE-1

**PRECAUTIONARY STATEMENTS**  
**Hazards to Humans and Domestic Animals**

**WARNING:** May be fatal if swallowed. Causes substantial but temporary eye injury. Do not get in eyes. Harmful if absorbed through the skin or inhaled. Avoid contact with skin or clothing. Prolonged or frequently repeated exposure may cause allergic skin reactions in some individuals. Avoid breathing vapors.

**First Aid**

<b>If Swallowed</b>	<ul style="list-style-type: none"> <li>• Immediately give one or two glasses of water and induce vomiting by gently touching back of the throat with finger.</li> <li>• Immediately call a poison control center or doctor for treatment advice.</li> <li>• Do not induce vomiting or give anything by mouth to an unconscious person.</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 eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If on Skin or Clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Immediately rinse skin with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If Inhaled</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

**Notes to Physician:** Early signs of intoxication include mydriasis (dilated pupils), ataxia (unsteadiness) and muscle tremors. Toxicity following accidental ingestion of this product can be minimized by inducing vomiting within one-half hour of exposure. If toxicity from exposure has progressed to cause severe vomiting, the extent of resultant fluid and electrolyte imbalance should be gauged. Appropriate supportive parenteral fluid replacement therapy should be given along with other required supportive measures (such as maintenance of blood pressure levels) as indicated by clinical signs, symptoms and measurements. In severe cases, observations should continue for at least several days until the clinical condition is stable and normal. Since abamectin is believed to enhance GABA activity in animals, it is probably wise to avoid drugs that enhance GABA activity (barbiturates, benzodiazepines, valproic acid) in patients with potentially toxic abamectin exposure.

{Note: The First Aid statements' grid format will be used if market label space permits; otherwise a paragraph format will be used.}

**Personal Protective Equipment (PPE)**

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category B on an EPA chemical resistance category selection chart. Applicators and other handlers **must wear** long-sleeved shirt and long pants; chemical-resistant gloves, such as

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barrier laminate or butyl rubber > 14 mils; shoes plus socks; protective eyewear. Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables are given, use detergent and hot water. Keep and wash PPE separately from other laundry.

#### **User Safety Recommendations**

Users should thoroughly wash with soap and water after handling and before eating, drinking or using tobacco. Remove contaminated clothing and wash clothing before reuse.

#### **Environmental Hazards**

This pesticide is toxic to fish and wildlife. Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters or rinsate. This product is highly toxic to bees exposed to direct treatment or residues on blooming crops. Apply only as a post-bloom application.

#### **Notice**

This product contains a chemical (N-methyl pyrrolidone) known to the state of California to cause birth defects or other reproductive harm.

#### **Physical or Chemical Hazards**

Do not use or store near heat or open flame.

#### **DIRECTIONS FOR USE**

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

**For use by professional arborists/applicators, foresters,  
grounds maintenance professionals and landscapers.**

#### **General Information**

**Do not inject food bearing plants (including non-bearing growth stages).**

#### **ArborSystems™ Direct-Inject™ Tree Injection System**

The ArborSystems Direct-Inject Tree Injection System is easy to use. Most trees can be 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 this system minimizes wounding and promotes long-term tree vigor.

#### **Indications**

As a preventative, apply in the early spring post-bloom prior to insect activity in the tree. As a curative, apply as needed spring through fall, provided the bark is pliable enough to accept the chemical injections. Pest control is anticipated to last a typical growing season, although it may be recommended to inject the plants one or two times per year or more often under severe and repeated pest pressure.

This product has been evaluated for phytotoxicity on a wide range of ornamental plants. However, since all ornamental plants have not been tested, it is recommended that one plant be treated first to make certain

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that no phytotoxicity occurs. Do not use on sick plants or plants weakened by extreme environmental conditions such as heat, flooding, cold, etc.

Indications	Dosage
Indicated for the treatment of woody trees and shrubs for the control of Elm Leaf Beetles, Lace Bugs, Leaf Miners, Mites and Pine Wilt (Pine Nematodes).	<p>Pine Wilt (Pine Nematodes): 4-6 ml every 4" of trunk circumference measured within 12" of the ground.</p> <p>Other Insects: 1 ml per 4" to 6" of trunk circumference measured within 12" of the ground.</p> <p>Dosage may be increased to 2 ml per injection site for trees with diameters over 12" or with challenging insect infestations.</p> <p><b>Note:</b> Depending on type of bark, the dosage per injection site may have to be reduced to 0.5 to 1 ml per site and the number of injection sites doubled.</p>

**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. Use of other chemicals will invalidate warranty.
2. Attach the chemical pack to the Direct-Inject unit and prepare the unit to make injections.
3. Set the delivery volume on the unit.
4. Follow the label directions in this booklet to determine the amount of chemical and number of injection sites.
5. Determine where to make injections in the bark. Generally, the injection tip is inserted into the fissure (valley) of the tree bark. Inject thin-barked trees in the thicker part of the tree bark. Thick-barked trees require a longer injection tip.
6. Make injections working around the circumference of the tree. Make Wedgle® Tip injections within 12" of the ground. Portle® Tip injection height varies depending on type of tree and location.
7. With a smooth motion, firmly squeeze the injection unit handles. This releases a pre-measured chemical dose into the tree.
8. Continue making injections moving around the tree until the entire tree trunk has been treated.
9. During use, periodically clean 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. **Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **Container Disposal:** Completely empty pack into application equipment, then dispose of empty pack in a sanitary landfill or if allowed by State and local authorities, by burning; if burned, stay out of smoke.

**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

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labeling. 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™**  
**The No-Drill Injection Solution**  
**www.ArborSystems.com**

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

Portle® and Wedgle® are registered trademarks of ArborSystems.  
ArborSystems™, Greyhound™ Insecticide, 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

[ ] Denotes alternate/optional language  
{ } Denotes language that does not appear on the market labeling

{ Box Label }

**GREYHOUND™ Insecticide**  
**An ArborSystems™ Direct-Inject™ Chemical**

**For systemic insect control in a wide variety of ornamental trees in utility rights-of-way, urban environments, residential areas and interior plantscapes.**

**For the treatment of woody trees and shrubs for the control of Elm Leaf Beetles, Lace Bugs, Leaf Miners, Mites and Pine Wilt (Pine Nematodes).**

For use by professional arborists/applicators, foresters, grounds maintenance professionals and landscapers.

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

**Active Ingredient:**

Abamectin (CAS Nos. 65195-56-4 and 65195-55-3) ..... 2%

**Other Ingredients** ..... 98%

**Total** ..... 100%

Contains 0.0047 pound Abamectin per 4 fl. oz. (120 ml) pack.

**Keep Out of Reach of Children**

**WARNING/AVISO**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail).

**See booklet for 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.



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

**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. **Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **Container Disposal:** Completely empty pack into application equipment, then dispose of empty pack in a sanitary landfill or if allowed by State and local authorities, by burning; if burned, stay out of smoke.

Net Contents 4 fl. oz. (120 ml)  
EPA Reg. No. 69117-2 • EPA Est. 69117-NE-1

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[ ] Denotes alternate/optional language  
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{Pack Label}

**GREYHOUND™ Insecticide**  
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**Other Ingredients** ..... 98%

**Total** ..... 100%

Contains 0.0047 pound Abamectin per 4 fl. oz. (120 ml) pack.  
[Contains 0.392 pound Abamectin per 1 qt. 2 fl. oz. (1000 ml) pack.]

**Keep Out of Reach of Children**  
**WARNING/AVISO**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail).

**See booklet [box label] for additional precautionary statements and complete Directions for Use.**

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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.

The ArborSystems Direct-Inject units are 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 original container in a cool, dry place. **Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **Container Disposal:** Completely empty pack into application equipment, then dispose of empty pack in a sanitary landfill or if allowed by State and local authorities, by burning; if burned, stay out of smoke.

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

EPA Reg. No. 69117-2 • EPA Est. 69117-NE-1

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[ ] Denotes alternate/optional language  
{ } Denotes language that does not appear on the market labeling

{1 qt 2 fl oz box label:}

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

For systemic insect control in a wide variety of ornamental trees in utility rights-of-way, urban environments, residential areas and interior plantscapes (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, campgrounds and other uncultivated, nonagricultural areas).

For the treatment of woody trees and shrubs for the control of Elm Leaf Beetles, Lace Bugs, Leaf Miners, Mites and Pine Wilt (Pine Nematodes).

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**Active Ingredient:**

Abamectin (CAS Nos. 65195-56-4 and 65195-55-3) .....	2%
<b>Other Ingredients</b> .....	<b>98%</b>
Total .....	100%

Contains 0.392 pound Abamectin per 1 qt 2 fl oz (1000 ml) pack.

<p><b>Keep Out of Reach of Children</b>  <b>WARNING/AVISO</b>          Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail).  <b>See back panel for additional precautionary statements and complete Directions for Use.</b></p>
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**ArborSystems™**  
*The No-Drill Injection Solution*  
[www.ArborSystems.com](http://www.ArborSystems.com)  
 800-698-4641 • Fax: 402-339-5011  
 P.O. Box 34645 • Omaha, NE 68134

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

**PRECAUTIONARY STATEMENTS**  
**Hazards to Humans and Domestic Animals**

**WARNING:** May be fatal if swallowed. Causes substantial but temporary eye injury. Do not get in eyes. Harmful if absorbed through the skin or inhaled. Avoid contact with skin or clothing. Prolonged or frequently repeated exposure may cause allergic skin reactions in some individuals. Avoid breathing vapors.

**First Aid**

<b>If Swallowed</b>	<ul style="list-style-type: none"> <li>• Immediately give one or two glasses of water and induce vomiting by gently touching back of the throat with finger.</li> <li>• Immediately call a poison control center or doctor for treatment advice.</li> <li>• Do not induce vomiting or give anything by mouth to an unconscious person.</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 eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If on Skin or Clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Immediately rinse skin with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>

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**First Aid (continued)**

<b>If Inhaled</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
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**Have the product container or label with you when calling a poison control center or doctor, or going for treatment.**

**Notes to Physician:** Early signs of intoxication include mydriasis (dilated pupils), ataxia (unsteadiness) and muscle tremors. Toxicity following accidental ingestion of this product can be minimized by inducing vomiting within one-half hour of exposure. If toxicity from exposure has progressed to cause severe vomiting, the extent of resultant fluid and electrolyte imbalance should be gauged. Appropriate supportive parenteral fluid replacement therapy should be given along with other required supportive measures (such as maintenance of blood pressure levels) as indicated by clinical signs, symptoms and measurements. In severe cases, observations should continue for at least several days until the clinical condition is stable and normal. Since abamectin is believed to enhance GABA activity in animals, it is probably wise to avoid drugs that enhance GABA activity (barbiturates, benzodiazepines, valproic acid) in patients with potentially toxic abamectin exposure.

{Note: The First Aid statements' grid format will be used if market label space permits; otherwise a paragraph format will be used.}

**Personal Protective Equipment (PPE)**

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category B on an EPA chemical resistance category selection chart. Applicators and other handlers **must wear** long-sleeved shirt and long pants; chemical-resistant gloves, such as barrier laminate or butyl rubber > 14 mils; shoes plus socks; protective eyewear. Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables are given, use detergent and hot water. Keep and wash PPE separately from other laundry.

**User Safety Recommendations**

Users should thoroughly wash with soap and water after handling and before eating, drinking or using tobacco. Remove contaminated clothing and wash clothing before reuse.

**Environmental Hazards**

This pesticide is toxic to fish and wildlife. Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters or rinsate. This product is highly toxic to bees exposed to direct treatment or residues on blooming crops. Apply only as a post-bloom application.

**Notice**

This product contains a chemical (N-methyl pyrrolidone) known to the state of California to cause birth defects or other reproductive harm.

**Physical or Chemical Hazards**

Do not use or store near heat or open flame.

**DIRECTIONS FOR USE**

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

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### General Information

**Do not inject food bearing plants (including non-bearing growth stages).**

### ArborSystems™ Direct-Inject™ Tree Injection System

The ArborSystems Direct-Inject Tree Injection System is easy to use. Most trees can be 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 this system minimizes wounding and promotes long-term tree vigor.

### Indications

As a preventative, apply in the early spring post-bloom prior to insect activity in the tree. As a curative, apply as needed spring through fall, provided the bark is pliable enough to accept the chemical injections. Pest control is anticipated to last a typical growing season, although it may be recommended to inject the plants one or two times per year or more often under severe and repeated pest pressure.

This product has been evaluated for phytotoxicity on a wide range of ornamental plants. However, since all ornamental plants have not been tested, it is recommended that one plant be treated first to make certain that no phytotoxicity occurs. Do not use on sick plants or plants weakened by extreme environmental conditions such as heat, flooding, cold, etc.

Indications	Dosage
Indicated for the treatment of woody trees and shrubs for the control of Elm Leaf Beetles, Lace Bugs, Leaf Miners, Mites and Pine Wilt (Pine Nematodes).	<p>Pine Wilt (Pine Nematodes): 4-6 ml every 4" of trunk circumference measured within 12" of the ground.</p> <p>Other Insects: 1 ml per 4" to 6" of trunk circumference measured within 12" of the ground.</p> <p>Dosage may be increased to 2 ml per injection site for trees with diameters over 12" or with challenging insect infestations.</p> <p><b>Note:</b> Depending on type of bark, the dosage per injection site may have to be reduced to 0.5 to 1 ml per site and the number of injection sites doubled.</p>

### 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. Use of other chemicals will invalidate warranty.
2. Attach the chemical pack to the Direct-Inject unit and prepare the unit to make injections.
3. Set the delivery volume on the unit.
4. Follow the label directions on this label to determine the amount of chemical and number of injection sites.

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5. Determine where to make injections in the bark. Generally, the injection tip is inserted into the fissure (valley) of the tree bark. Inject thin-barked trees in the thicker part of the tree bark. Thick-barked trees require a longer injection tip.
6. Make injections working around the circumference of the tree. Make Wedgle® Tip injections within 12" of the ground. Portle® Tip injection height varies depending on type of tree and location.
7. With a smooth motion, firmly squeeze the injection unit handles. This releases a pre-measured chemical dose into the tree.
8. Continue making injections moving around the tree until the entire tree trunk has been treated.
9. During use, periodically clean 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. **Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **Container Disposal:** Completely empty pack into application equipment, then dispose of empty pack in a sanitary landfill or if allowed by State and local authorities, by burning; if burned, stay out of smoke.

**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. 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™**  
**The No-Drill Injection Solution**  
**www.ArborSystems.com**  
**800-698-4641 • Fax: 402-339-5011**  
**P.O. Box 34645 Omaha, NE 68134**

Portle® and Wedgle® are registered trademarks of ArborSystems.  
 ArborSystems™, Greyhound™ Insecticide, 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

[ ] Denotes alternate/optional language  
 { } Denotes language that does not appear on the market labeling

*{Additional Selling/Marketing Copy for use in conjunction with promotional pieces: brochures; on the website; and in other promotional materials, displays, etc.}*

**ArborSystems™ Direct-Inject™ Tree Injection System**

The ArborSystems Direct-Inject Tree Injection System is effective. Chemicals are injected directly into the tree. Because the chemical is placed right where the tree can use it, effectiveness of the chemical is increased and control of most problems is reached in as little as three to five days. Also, because no

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chemical is lost in non-active wood, the Direct-Inject system allows you to use less chemical to achieve high levels of effectiveness; this saves money and reduces chemical waste. The Direct-Inject System injects chemicals into a tree with minimal wounding. With no holes to drill, no air or pathogens are allowed to enter the tree, potential decay never starts and long term wounding is prevented. The tree's ability to move water and nutrients, and to store food, is not compromised.

Pre-mixed chemicals are supplied in self-sealing containers. After injections have been made, you have only one small container of which to dispose. Concerns you may have had when spraying will be eliminated. And with a closed system there is no mixing.

With no drilling required the ArborSystems Direct-Inject System:

- Minimizes wounding to keep out fungi, bacteria, and insects.
- Prevents air from getting into the tree. When air is allowed into a tree's vascular system, it cuts off the flow of water and nutrients.
- Allows multiple or annual treatments without damaging the tree.
- Requires no drills, power supply or other bulky equipment.

With this system and chemicals, tree care professionals effectively combat and manage many of the most devastating environmental plant threats.

The ArborSystems Direct-Inject System is designed to preserve and protect the natural and urban forest. Treat almost any tree in five minutes or less. The Direct-Inject System is among the most efficient chemical delivery systems available. You achieve control with less chemical because chemical is placed precisely where the tree can best use it. No chemical is lost in dead wood.

ArborSystems Direct-Inject chemicals are integral parts of the Direct-Inject Tree Injection System. Use only ArborSystems' Direct-Inject chemicals with the Direct-Inject Units. Using unauthorized chemicals with the ArborSystems Direct-Inject System constitutes a violation of Federal law.

#### Chemical Selection

Your distributor can advise you on the best chemical selections for trees in your area. See our website for additional information.

GREYHOUND™ Insecticide

Common name: Avid®

Chemical: Abamectin

Avid® is a registered trademark of Syngenta Crop Protection, Inc.

**NOTIFICATION**

**JAN 28 2009**

## GREYHOUND™ Insecticide

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

For systemic insect control in a wide variety of ornamental trees in utility rights-of-way, urban environments, 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, campgrounds and other uncultivated, nonagricultural areas).

For the treatment of woody trees and shrubs for the control of Elm Leaf Beetles, Lace Bugs, Leaf Miners, Mites and Pine Wilt (Pine Nematodes).

For use by professional arborists/applicators, foresters, grounds maintenance professionals and landscapers.

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



The No-Drill Injection Solution  
www.ArborSystems.com  
800-698-4641 • Fax: 402-339-5011  
P.O. Box 34645 • Omaha, NE 68134

Net Contents 4 fl oz (120 ml)  
EPA Reg. No. 69117-2  
EPA Est. 69117-NE-1

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**WARNING:** May be fatal if swallowed. Causes substantial but temporary eye injury. Do not get in eyes. Harmful if absorbed through the skin or inhaled. Avoid contact with skin or clothing. Prolonged or frequently repeated exposure may cause allergic skin reactions in some individuals. Avoid breathing vapors.

### FIRST AID

**If Swallowed:** Immediately give one or two glasses of water and induce vomiting by

gently touching back of the throat with finger. Immediately call a poison control center or doctor for treatment advice. Do not induce vomiting or give anything by mouth 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.**

**Notes to Physician:** Early signs of intoxication include mydriasis (dilated pupils), ataxia (unsteadiness) and muscle tremors. Toxicity following accidental ingestion of this product can be minimized by inducing vomiting within one-half hour of exposure. If toxicity from exposure has progressed to cause severe vomiting, the extent of resultant fluid and electrolyte imbalance should be gauged. Appropriate supportive parenteral fluid replacement therapy should be given along with other required supportive measures (such as maintenance of blood pressure levels) as indicated by clinical signs, symptoms and measurements. In severe cases, observations should continue for at least several days until the clinical condition is stable and normal. Since abamectin is believed to enhance GABA activity in animals, it is probably wise to avoid drugs that enhance GABA activity (barbiturates, benzodiazepines, valproic acid) in patients with potentially toxic abamectin exposure.

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category B on an EPA chemical resistance category selection chart. Applicators and other

handlers **must wear** long-sleeved shirt and long pants; chemical-resistant gloves, such as barrier laminate or butyl rubber > 14 mils; shoes plus socks; protective eyewear. Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables are given, use detergent and hot water. Keep and wash PPE separately from other laundry.

### USER SAFETY RECOMMENDATIONS

Users should thoroughly wash with soap and water after handling and before eating, drinking or using tobacco. Remove contaminated clothing and wash clothing before reuse.

### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and wildlife. Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters or rinsate. This product is highly toxic to bees exposed to direct treatment or residues on blooming crops. Apply only as a post-bloom application.

### NOTICE

This product contains a chemical (N-methyl pyrrolidone) known to the state of California to cause birth defects or other reproductive harm.

### PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.



The No-Drill Injection Solution  
www.ArborSystems.com  
800-698-4641 • Fax: 402-339-5011  
P.O. Box 34645 • Omaha, NE 68134

### 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. ArborSystems does not make or authorize any agent or representative to make any other warranty, guarantee or representation, express or implied, concerning this product.

Portle® and Wedge® registered trademarks of ArborSystems.

ArborSystems™, Greyhound™ Insecticide, Direct-Inject™ and WedgeChek™ are trademarks of ArborSystems.

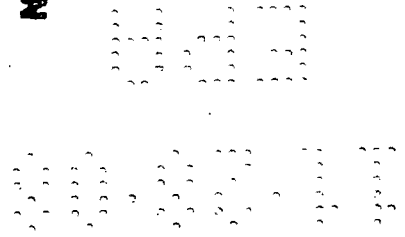
Direct Inject™ unit is protected by U.S. Patent #5,901,498  
Wedge® Tip is protected by U.S. Patent #5,239,773  
WedgeChek™ is protected by U.S. Patent #5,797,215  
Portle® Tip is protected by U.S. Patent #7,178,286

**Keep Out of Reach of Children**  
**WARNING/AVISO**  
Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)  
See inside for additional precautionary statements and complete Directions for Use.

Net Contents 4 fl oz (120 ml)  
Contains 0.0047 pound Abamectin per 4 fl oz (120 ml) pack  
Total: 100%  
OTHER INGREDIENTS ..... 98%  
Abamectin (CAS Nos. 65195-56-4 and 65195-55-3) ..... 2%  
**ACTIVE INGREDIENT:**

Miners, Mites and Pine Wilt (Pine Nematodes).  
the control of Elm Leaf Beetles, Lace Bugs, Leaf  
For the treatment of woody trees and shrubs for  
mentals trees in utility rights-of-way, urban environ-  
ments, residential areas and interior landscapes.  
For systemic insect control in a wide variety of orna-  
mental trees in utility rights-of-way, urban environ-  
ments, residential areas and interior landscapes.  
An ArborSystems™ Direct-Inject™ Chemical  
**GREYHOUND™ Insecticide**

NOTIFICATION  
JAN 28 2009



Booklet (4 fl oz)

1100021



## GREYHOUND™ Insecticide

### DIRECTIONS FOR USE

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

For use by professional arborists/applicators, foresters, grounds maintenance professionals and landscapers.

### GENERAL INFORMATION

Do not inject food bearing plants (including non-bearing growth stages).

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

The ArborSystems Direct-Inject Tree Injection System is easy to use. Most trees can be 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 this system minimizes wounding and promotes long-term tree vigor.

### INDICATIONS

As a preventative, apply in the early spring post-bloom prior to insect activity in the tree. As a curative, apply as needed spring through fall, provided the bark is pliable enough to accept the chemical injections. Pest control is anticipated to last a typical growing season, although it may be recommended to inject the plants one or two times per year or more often under severe and repeated pest pressure.

This product has been evaluated for phytotoxicity on a wide range of ornamental plants. However, since all ornamental plants have not been tested, it is recommended that one plant be treated first to make certain that no phytotoxicity occurs. Do not use on sick plants or plants weakened by extreme environmental conditions such as heat, flooding, cold, etc.

### INDICATIONS

Indicated for the treatment of woody trees and shrubs for the control of Elm Leaf Beetles, Lace Bugs, Leaf Miners, Mites and Pine Wilt (Pine Nematodes).

### DOSAGE

**Pine Wilt (Pine Nematodes):** 4-6 ml every 4" of trunk circumference measured within 12" of the ground.

**Other Insects:** 1 ml per 4" to 6" of trunk circumference measured within 12" of the ground.

Dosage may be increased to 2 ml per injection site for trees with diameters over 12" or with challenging insect infestations.

**Note:** Depending on type of bark, the dosage per injection site may have to be reduced to 0.5 to 1 ml per site and the number of injection sites doubled.

### 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. Use of other chemicals will invalidate warranty.
2. Attach the chemical pack to the Direct-Inject unit and prepare the unit to make injections.
3. Set the delivery volume on the unit.
4. Follow the label directions in this booklet to determine the amount of chemical and number of injection sites.
5. Determine where to make injections in the bark. Generally, the injection tip is inserted into the fissure (valley) of the tree bark. Inject thin-barked trees in the thicker part of the tree bark. Thick-barked trees require a longer injection tip.
6. Make injections working around the circumference of the tree. Make Wedgle® Tip injections within 12" of the ground. Portle® Tip injection height varies depending on type of tree and location.
7. With a smooth motion, firmly squeeze the injection unit handles. This releases a pre-measured chemical dose into the tree.

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

9. During use, periodically clean 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.

**Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**Container Disposal:** Completely empty pack into application equipment, then dispose of empty pack in a sanitary landfill or if allowed by State and local authorities, by burning; if burned, stay out of smoke.

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Booklet Affixed Here

**Greyhound™ Insecticide**

**GREYHOUND™ Insecticide**

An ArborSystems™ Direct-Inject™ Chemical  
For systemic insect control in a wide variety of ornamental trees in utility rights-of-way, urban environments, residential areas and interior landscapes.  
For the treatment of woody trees and shrubs for the control of Elm Leaf Beetles, Lace Bugs, Leaf Miners, Mites and Pine Wilt (Pine Nematodes).

For use by professional arborists/applicators, foresters, grounds maintenance professionals and landscapers.

<b>ACTIVE INGREDIENT:</b>	
Abamectin (CAS Nos. 65195-56-4 and 65195-55-3) .....	2%
<b>OTHER INGREDIENTS</b> .....	98%
<b>Total: 100%</b>	

Contains 0.0047 pound Abamectin per 4 fl oz (120 ml) pack.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. The ArborSystems Direct-Inject units are designed to be used only with ArborSystems' pre-packed chemicals. Tampering with packs or contents may cause non-warranted damage to your injection system.

**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. **Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **Container Disposal:** Completely empty pack into application equipment, then dispose of empty pack in a sanitary landfill or if allowed by State and local authorities, by burning; if burned, stay out of smoke.

GH\_PL\_08-3

**Keep Out of Reach of Children**  
**WARNING/AVISO**  
Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalles. (If you do not understand the label, find someone to explain it to you in detail).  
**See booklet for additional precautionary statements and complete Directions for Use.**

Net Contents 4 fl oz (120 ml)  
EPA Reg. No. 69117-2  
EPA Est. 68117-NE-1

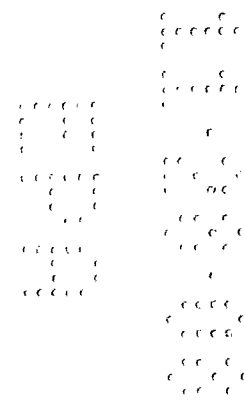


The No-Drill Injection Solution  
www.ArborSystems.com  
800-698-4641 • Fax: 402-339-5011  
P.O. Box 34645 • Omaha, NE 68134

Canister Label (4 fl oz)

180F21

**Outer Box Label (4 fl oz)**



**GREYHOUND™ Insecticide**  
An ArborSystems™ Direct-Inject™ Chemical

**GREYHOUND™ Insecticide**

For systemic insect control in a wide variety of ornamental trees in utility rights-of-way, urban environments, residential areas and interior plantscapes.

For the treatment of woody trees and shrubs for the control of Elm Leaf Beetles, Lace Bugs, Leaf Miners, Mites and Pine Wilt (Pine Nematodes).

**ACTIVE INGREDIENT:**  
Abamectin (CAS Nos. 65195-56-4 and 65195-55-3) ..... 2%  
**OTHER INGREDIENTS** ..... 98%  
Contains 0.0047 pound Abamectin Total: 100%  
per 4 fl oz (120 ml) pack.

**Keep Out of Reach of Children**

**WARNING/AVISO**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail).

**See booklet for 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.

The ArborSystems Direct-Inject units are designed to be used only with ArborSystems' pre-packed chemicals. Tampering with packs or contents may cause non-warranted damage to your injection system.

**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. **Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **Container Disposal:** Completely empty pack into application equipment, then dispose of empty pack in a sanitary landfill or if allowed by State and local authorities, by burning; if burned, stay out of smoke.

Net Contents 4 fl oz (120 ml)  
EPA Reg. No. 69117-2  
EPA Est. 69117-NE-1  
GH\_PXL\_08-3



200f21

**Outer Box Label (1 qt 2 fl oz)**

**GREYHOUND™ Insecticide**  
An ArborSystems™ Direct-Inject™ Chemical

**GREYHOUND™ Insecticide**

For systemic insect control in a wide variety of ornamental trees in utility rights-of-way, urban environments, residential areas and interior plantscapes.

For the treatment of woody trees and shrubs for the control of Elm Leaf Beetles, Lace Bugs, Leaf Miners, Mites and Pine Wilt (Pine Nematodes).

**ACTIVE INGREDIENT:**

Abamectin (CAS Nos. 65195-56-4 and 65195-55-3)	2%
<b>OTHER INGREDIENTS</b>	<b>98%</b>
Contains 0.392 pound Abamectin per 1 qt 2 fl oz (1000 ml) pack.	<b>Total: 100%</b>

**Keep Out of Reach of Children**  
**WARNING/AVISO**  
 Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail).  
**See box label for 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.

The ArborSystems Direct-Inject units are designed to be used only with ArborSystems™ pre-packed chemicals. Tampering with packs or contents may cause non-warranted damage to your injection system.

**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. **Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **Container Disposal:** Completely empty pack into application equipment, then dispose of empty pack in a sanitary landfill or if allowed by State and local authorities, by burning; if burned, stay out of smoke.

Net Contents 1 qt 2 fl oz (1000 ml)  
EPA Reg. No. 69117-2  
EPA Est. 69117-NE-1  
GH\_1MS\_08-1



### Box Label (1 qt 2 fl oz)

## GREYHOUND™ Insecticide

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

For systemic insect control in a wide variety of ornamental trees in utility rights-of-way, urban environments, 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, campgrounds and other uncultivated, nonagricultural areas).

For the treatment of woody trees and shrubs for the control of Elm Leaf Beetles, Lace Bugs, Leaf Miners, Mites and Pine Wilt (Pine Nematodes).

For use by professional arborists/applicators, foresters, grounds maintenance professionals and landscapers.

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

<b>ACTIVE INGREDIENT:</b>	
Abamectin (CAS Nos. 65195-56-4 and 65195-55-3)	2%
<b>OTHER INGREDIENTS</b> ..... 98%	
Total: 100%	

Contains 0.392 pound Abamectin per 1 qt 2 fl oz (1000 ml) pack.

### Keep Out of Reach of Children **WARNING/AVISO**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail).

See back panel for 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.

### GENERAL INFORMATION

Do not inject food bearing plants (including non-bearing growth stages).

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

The ArborSystems Direct-Inject Tree Injection System is easy to use. Most trees can be 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 this system minimizes wounding and promotes long-term tree vigor.

### INDICATIONS

As a **preventative**, apply in the early spring post-bloom prior to insect activity in the tree. As a **curative**, apply as needed spring through fall, provided the bark is pliable enough to accept the chemical injections. Pest control is anticipated to last a typical growing season, although it may be recommended to inject the plants one or two times per year or more often under severe and repeated pest pressure.

This product has been evaluated for phytotoxicity on a wide range of ornamental plants. However, since all ornamental plants have not been tested, it is recommended that one plant be treated first to make certain that no phytotoxicity occurs. Do not use on sick plants or plants weakened by extreme environmental conditions such as heat, flooding, cold, etc.

### INDICATIONS

Indicated for the treatment of woody trees and shrubs for the control of Elm Leaf Beetles, Lace Bugs, Leaf Miners, Mites and Pine Wilt (Pine Nematodes).

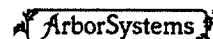
### DOSEAGE

**Pine Wilt (Pine Nematodes):** 4-6 ml every 4" of trunk circumference measured within 12" of the ground.

**Other insects:** 1 ml per 4" to 6" of trunk circumference measured within 12" of the ground.

Dosage may be increased to 2 ml per injection site for trees with diameters over 12" or with challenging insect infestations.

**Note:** Depending on type of bark, the dosage per injection site may have to be reduced to 0.5 to 1 ml per site and the number of injection sites doubled.



The No-Drill Injection Solution  
www.ArborSystems.com  
800-698-4641 • Fax: 402-338-5011  
P.O. Box 34645 • Omaha, NE 68134

GH\_1MB\_08-1

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

### 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. Use of other chemicals will invalidate warranty.
2. Attach the chemical pack to the Direct-Inject unit and prepare the unit to make injections.

3. Set the delivery volume on the unit.
4. Follow the label directions on this label to determine the amount of chemical and number of injection sites.
5. Determine where to make injections in the bark. Generally, the injection tip is inserted into the fissure (valley) of the tree bark. Inject thin-barked trees in the thicker part of the tree bark. Thick-barked trees require a longer injection tip.
6. Make injections working around the circumference of the tree. Make Wedge®

7. Tip injections within 12" of the ground. Portle® Tip injection height varies depending on type of tree and location.
7. With a smooth motion, firmly squeeze the injection unit handles. This releases a pre-measured chemical dose into the tree.
8. Continue making injections moving around the tree until the entire tree trunk has been treated.
9. During use, periodically clean 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. **Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **Container Disposal:** Completely empty pack into application equipment, then dispose of empty pack in a sanitary landfill or if allowed by State and local authorities, by burning; if burned, stay out of smoke.

### NOTIFICATION

JAN 28 2009

## GREYHOUND™ Insecticide

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**WARNING:** May be fatal if swallowed. Causes substantial but temporary eye injury. Do not get in eyes. Harmful if absorbed through the skin or inhaled. Avoid contact with skin or clothing. Prolonged or frequently repeated exposure may cause allergic skin reactions in some individuals. Avoid breathing vapors.

#### FIRST AID

**If Swallowed:** Immediately give one or two glasses of water and induce vomiting by gently touching back of the throat with finger. Immediately call a poison control center or doctor for treatment advice. Do not induce vomiting or give anything by mouth 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.**

**Notes to Physician:** Early signs of intoxication include mydriasis (dilated pupils), ataxia (unsteadiness) and muscle tremors. Toxicity following accidental ingestion of this product can be minimized by inducing vomiting within one-half hour of exposure. If toxicity from exposure has progressed to cause severe vomiting, the extent of resultant fluid and electrolyte imbalance should be gauged. Appropriate supportive par-enteral fluid replacement therapy should be given along with other required supportive measures (such as maintenance of blood pressure levels) as indicated by clinical signs, symptoms and measurements. In severe cases, observations should continue for at least several days until the clinical condition is stable and normal. Since abamectin is believed to enhance GABA activity in animals, it is probably wise to avoid drugs that enhance GABA activity (barbiturates, benzodiazepines, valproic acid) in patients with potentially toxic abamectin exposure.

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category B on an EPA chemical resistance category selection chart. Applicators and other handlers **must wear** long-sleeved shirt and long pants; chemical-resistant gloves, such as barrier laminate or butyl rubber > 14 mils; shoes plus socks; protective eyewear. Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables are given, use detergent and hot water. Keep and wash PPE separately from other laundry.

### USER SAFETY RECOMMENDATIONS

Users should thoroughly wash with soap and water after handling and before eating, drinking or using tobacco. Remove contaminated clothing and wash clothing before reuse.

### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and wildlife. Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters or rinsate. This product is highly toxic to bees exposed to direct treatment or residues on blooming crops. Apply only as a post-bloom application.

### NOTICE

This product contains a chemical (N-methyl pyrrolidone) known to the state of California to cause birth defects or other reproductive harm.

### PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

### 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. ArborSystems does not make or authorize any agent or representative to make any other warranty, guarantee or representation, express or implied, concerning this product.

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ArborSystems™, Greyhound™ Insecticide, Direct-Inject™, and WedgeChek™ are trademarks of ArborSystems.

Direct Inject™ unit is protected by U.S. Patent #5,901,498  
Wedge® 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