POINTER® 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 landscapes, gardens, parks, display plantings, recreation areas, highways, and other transportation rights-of-way, scenic corridors, storage areas, forest areas, campgrounds and other uncultivated, nonagricultural areas).

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
800-698-4641 • Fax: 402-339-5911
P.O. Box 34045 • Omaha, NE 68104

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

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: Harmful if swallowed, inhaled or absorbed through skin. Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Wear safety glasses. Thoroughly wash with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

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 by mouth to an unconscious person.

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

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

ENVIRONMENTAL HAZARDS

This product is highly toxic to fish and aquatic invertebrates. 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 rinsates. This product is highly toxic to bees exposed to direct treatment or residues on blooming plants or weeds. Do not apply this product to blooming plants or weeds if bees are visiting the treatment area.

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.

POINTER® Insecticide, Portlet® and Wedge® are registered trademarks of ArborSystems.

ArborSystems™, Direct-Inject™ and WedgeChet™ are trademarks of ArborSystems.

Direct Inject™ unit is protected by U.S. Patent #5,901,498
Wedge® Tip is protected by U.S. Patent #5,230,773
WedgeChet™ is protected by U.S. Patent #5,707,215
Portlet® Tip is protected by U.S. Patent #7,176,286
POINTER® 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.

INFORMATION
Do not inject food bearing plants.

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
As a preventative, apply in the early spring 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. One application provides control for two years.

DOSEAGE
1 ml per 4” to 6” of trunk circumference measured within 12” of the ground. Doseage may be increased to 2 ml per injection site for trees with diameters over 12” or with challenging insect infestations such as Asian Longhorn Beetle, Citrus Borer, Emerald Ash Borer or Hemlock Wooly Adelgid.

NOTE: Depending on the 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.

PEST CONTROLLED
- Adelgids (including Hemlock Wooly Adelgids)
- Aphids
- Armored Scales (suppression)
- Asian Garden Beetles
- Bark Beetles (including Asian Longhorned Beetle, Citrus Longhorned Beetle and IPS)
- Black Vine Weevil Larvae
- Chafer
- Elm Leaf Beetles
- Eucalyptus Longhorned Borer
- Flatheaded Borer (including Alder-Birch Borer, Bronze Birch Borer and Emerald Ash Borer)
- Japanese Beetles
- Japanese Beetle Larvae
- Lacebugs
- Leafhoppers
- Leafminers
- Mealworms
- Oriental Beetles
- Pine Bark Beetles
- Pine Tip Moth Larvae
- Psyllids
- Royal Palm Bugs
- Sawfly Larvae
- Soft Scale Insects
- Thrips (suppression)
- Whiteflies

PERSONAL PROTECTIVE EQUIPMENT (PPE)
Use protective eyewear and gloves when handling ArborSystems Direct-Inject chemicals. Use chemical-resistant gloves made of any waterproof material such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyethylene, polyvinylchloride (PVC) or viton.

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 Wedge® Tip injections within 12” of the ground. Porte® 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 storage or disposal.

Pesticide Storage: Store above 65°F in original container in a dry place.

Pesticide Disposal: Waste used pesticides in a designated facility, dispose of used packaging in a sanitary manner.

Container Disposal: Complete pack into application equipment pose of empty pack in a sanitary manner. If allowed by State and local authorities, burning of used product in a fire is allowed.
**POINTER® 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 plantations.

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

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

**ACTIVE INGREDIENTS**

<table>
<thead>
<tr>
<th>Chemical CAS No.</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>10200-41-3</td>
<td>5%</td>
</tr>
<tr>
<td>OTHER INGREDIENTS</td>
<td>95%</td>
</tr>
</tbody>
</table>

Total: 100%

Contains 3.2 oz @ 1% granular active ingredient 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 above 65°F 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).
POINTER® Insecticide
in ArborSystems® Direct-Inject® Chemical

POINTER® Insecticide

dormant oil control oil in a variety of ornamental trees in many right-
lining, urban environments, residential areas and interior gardens.

ACTIVATED INGREDIENT:
Imidacloprid [CAS No. 103561-91-9]..............................................5%

ADDITIONAL INGREDIENTS ..............................................95%

Total: 100%

contains 0.2 oz (6 grams) active ingredient per 4 oz (118 ml) pack.

Keep Out of Reach of Children
WARNING
See booklet for additional precautionary statements and
complete directions for use.

INSTRUCTIONS FOR USE

In a violation of Federal law to use this product in a manner inconsistent with
the labeling.

For 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 contain in water, load or hold by drainage or disposal.

Safe Storage: Store above 59°F in original container in a
cold, dry place. Precaution: Disposal: Washes resulting from the
use of this product may be disposed of at the site at an approved waste
disposal facility. Container Disposal: Completely empty pack into application
equipment, then dispose or empty pack in a sanitary specific or approved by
federal and local authorities by burning (if hazardous, stay out of smoke).

1st Contents: 4 fl oz (120 ml)
FA Reg. No. 69117-1
PA Est. 69117-NE-1
f_FM_20-3

ArborSystems
The World’s premier Scientists
800-686-8681 • Fax: 410-335-5011
PO Box 34445 • Omaha, NE 68144
POINTER® Insecticide
in ArborSystems™ Direct-Inject™ Chemical

POINTER® Insecticide

 or systemic insecticidal ester in a wide variety of environments, including dry-seed, urban environments, residential areas, and interior sprinklers systems

ACTIVE INGREDIENT:

Imidacloprid (CAS No. 11096-41-2) ........................................... 5%
OTHER INGREDIENTS .................................................. 95%

Total: 19.0%

Contains 1.8 oz (55 grams) active ingredient per 1 pack (2 oz (60 ml) pack).

Keep Out of Reach of Children

WARNING

See the label for additional precautionary statements and emergency instructions.

INSTRUCTIONS FOR USE

In a situation of Federal law to use this product in a manner inconsistent with labeling.

To ArborSystems Direct-Inject units are designed to be used

with ArborSystems pre-packed chemicals. Tampering with packs or contents may cause non-approved damage to your injection system.

STORAGE AND DISPOSAL

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

Residues Storage: Store above 65°F in original container in a

cool, dry place. Pesticide Disposal: Washes resulting from the

use of this product may be disposed of on site or at an approved waste

groundwater facility. Container Disposal: Completely empty pack into application equipment, then dispose of empty pack in a sanitary landfill or if allowed by

local authorities, by burning or buried, out of service.

1. Contents 1 @ 2 oz (60 ml) ArborSystems

PR, Reg. No. 50017-1
PR, Est. 00417-NE-1

1,195,00-1

1,195,00-1

800-315-5513 • Fax: 602-238-5511
PO Box 24645 • Orozco, ID 83824
**POINTER® 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 plantings (such as those in domestic landscape/garden areas, public display plantings, recreation areas, highways and other transportation rights-of-way, scenic corridors, storage areas, forest areas, campgrounds and other uncultivated, non-agricultural areas).

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:****

Ilsede 95 (CAS No. 13853-1-3) — 5%

**OTHER INGREDIENTS:****

Total: 95%

Contains 1.8 oz (56.1 grams) active ingredient per 1 oz (10 ml) pack.

---

**Keep Out of Reach of Children**

**WARNING**

See below for additional precautionary statements and complete Directions for Use.

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**WARNING:** Harmful if swallowed, inhaled or absorbed through skin. Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Wear safety glasses. Thoroughly wash with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

**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 by mouth to an unconscious person.

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.

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 in Eyes: Hold eye open and rinse slowly and gently with water for at least 15 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.

**ENVIRONMENTAL HAZARDS**

This product is highly toxic to fish and aquatic invertebrates. Do not apply directly to water, to areas where surface water is present, or to tidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate. This product is highly toxic to bees exposed to direct treatment or residues on blooming plants or weeds. Do not apply this product to blooming plants or weeds if bees are visiting the treatment area.

**NOTICE OF WARRANTY**

ArborSystems warrants that this conforms to the chemical desert label and is reasonably fit for its average conditions when used in accordance with the directions and ing. ArborSystems does not make any agent or representative's warranty, guarantee or express or implied, concerning the PointerR Insecticide, Portland and Wedgite repaired trademark of ArborSystems. ArborSystems Direct-Inject and Wedgite trademark of ArborSystems.

**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. Dolominate where to make injections in the bark. Generally, the injection tip is inserted into the fissure (valley) of the tree bark. Insect 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 Wedgite® Tip injections within 1/2" of the ground. Portland® Tip injection height varies depending on type of tree and location.

7. With a smooth motion, firmly squeeze the injection unit handle. 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.

---

**INDICATIONS**

As a preventative, apply in the early spring 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 injection. One application provides control for two years.

---

**PREFERRED PROTECTIVE EQUIPMENT (PEE)**

Use protective eyewear and gloves when handling ArborSystems Direct-Inject chemicals. Use chemical-resistant gloves made of any waterproof material such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyethylene, polyvinylchloride (PVC) or viton.

---

**PEST CONTROLLED**

- Chafers
- Elm Leaf Beetles
- Eucalyptus
- Longhorned Borer
- Flatheaded Borer (including Alder Birch Borer and Emerald Ash Borer)
- Japanese Beetles
- Japanese Beetle Larvae
- Lacebugs
- Leafhoppers
- Leafminers
- Mealybugs
- Oriental Be
- Pine Bark Beetles
- Pine Tip Mites
- Psyllids
- Royal Palm Root
- Sawfly Larvae
- Soft Scale
- Thrips (leaf)
- Whitetips

---

**STORAGE AND DISPOSAL**

**Pesticide Storage:** Store above 65°F in original container in a dry place.

**Pesticide Disposal:** Waste this product may be disposed of in the soil or in an approved waste disposal container. Dispose of container to avoid pollution. Complete steps to application equipment with empty pack in a sanitary manner.

---

**DOSAGE**

1 ml per 4" to 6" of trunk circumference measured within 1/2" of the ground. Dosage may be increased to 2 ml per injection site for trees with diameters over 1/2" or with challenging insect infestations (such as Asian Longhorned Beetle, Citrus Borer, Emerald Ash Borer or Humlock Wooly Adelgid).

**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.