

69117-7

6/30/2010

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EPA Reg. Number:

69117-7

Date of Issuance:

JUN 30 2010

**U.S. ENVIRONMENTAL PROTECTION AGENCY**

Office of Pesticide Programs  
Registration Division (7504P)  
1200 Pennsylvania Ave., N.W.  
Washington, D.C. 20460

**NOTICE OF PESTICIDE:**

Registration  
 Reregistration  
(under FIFRA, as amended)

Terms of Issuance:

Name of Pesticide Product:

Pincher PGR  
§  
"Anscher PGR"

Name and Address of Registrant (include ZIP Code):

ArborSystems Inc  
P.O. Box 34645  
Omaha, NE 68134 Attn. Kim Davis

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

Based on your response to the Reregistration Eligibility Document(s), EPA has reregistered the product listed above. Enclosed is a copy of your label stamped "Accepted with comments." This action is taken under the authority of section 4(g)(2)(c) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

Signature of Approving Official:

Erik Kraft, Acting Product Manager Team 20  
Fungicide Branch  
Registration Division (7504P)

Date:

JUN 30 2010

2009

EPA Reg. No. 69117-7

Submit one copy of your final printed label, with the changes herein, before you release the product for shipment.

1. Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

As an alternative, you may refer consumers to the company's phone number or e:mail address.

2. On page 1, add "Intended for" in front of the heading "for use by professional...."
3. The First Aid statements must read as follows: "If in Eyes, If Inhaled and If on Skin or Clothing."
4. On page 2 in the Hazards to Humans and Domestic Animals section, change statements to "Causes moderate eye irritation."
5. On page 3, in the Personal Protective Equipment section, the PPE for gloves must read "chemical resistant gloves made of rubber or neoprene."
6. On pages 3 and 6 in the Storage and Disposal Section, add "Pesticide" to the subheading "Storage."
7. Update the container disposal language to comply with PR Notice 2007-4.
8. On page 3 in the Warranty section, second line, add "To the extent consistent with applicable law" in front of "ArborSystems does not make."

You must submit one copy of the final printed label before you release the product for shipment. Products shipped after 12 months from the date of this letter or the next round of printing must bear the new revised label. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA. Your release for shipment of the product constitutes acceptance of these conditions. This label supersedes all other previously accepted labels. If you have any questions please contact Rose Kearns at 703-305-5611 or via email at [kearns.rosemary@epa.gov](mailto:kearns.rosemary@epa.gov).

Enclosure

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# PINSCHER™ PGR

{Bottle Box Insert}

PINSCHER™ PGR  
[ArborSystems™ Direct-Inject™ Chemical]

For Systemic Chemical Pinching of Landscape Ornamentals  
Prevents Flowering and Fruit/Seed Set of Landscape Ornamentals  
Pinches Off the Fruit of Landscape Ornamentals

For Use By Professional Arborists/Applicators, Grounds Maintenance Professionals,  
City Foresters and Landscapers  
To be used with the ArborSystems™ Direct-Inject™ Tree Injection System

**Active Ingredient:**

Dikegulac-sodium\* (CAS No. 52508-35-7) ..... 18.5%  
**Other Ingredients** ..... 81.5%  
Total ..... 100.0%

\*Sodium salt of 2,3:4,6-bis-O-(1-methylethylidene)-a-L-xylo-2-hexulofuranosonic acid

Contains 0.2 oz. (24 grams) active ingredient per 4 fl. oz. (120 ml) bottle [pack] [chemical pack].  
[Contains 0.05 oz. (6 grams) active ingredient per 1 oz. (30 ml) bottle.]

**Keep Out of Reach of Children**  
**CAUTION**  
See insert [below] for additional precautionary statements and  
Complete Directions for Use.

Net Contents: 4 fl. oz. (120 ml)  
[Net Contents: 1 fl. oz. (30 ml)]

EPA Reg. No. 69117-7

EPA Est. 69117-NE-1

ACCEPTED  
with COMMENTS  
In EPA Letter Dated

Sold by

**ArborSystems™**

P.O. Box 34645

Omaha, NE 68134

www.ArborSystems.com

JUN 30 2010  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
69117-7

**First Aid**

If Inhaled	<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>
If on Skin or Clothing	<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>
If in Eyes	<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>

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

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

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## PRECAUTIONARY STATEMENTS

### Hazards to Humans & Domestic Animals

**CAUTION:** Harmful if inhaled. Avoid breathing vapors. Avoid contact with skin, eyes or clothing. Thoroughly wash with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

### Personal Protective Equipment (PPE)

Mixers, loaders, applicators and other handlers must wear: Long-sleeved shirt, long pants, shoes and socks. When making direct injections to trees, applicators must wear protective eyewear.

### User Safety Requirements

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

### User Safety Recommendations

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

### Environmental Hazards

For terrestrial uses: 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 washwater or rinsate.

## 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, Grounds Maintenance Professionals,  
City Foresters and Landscapers**

### General Information

**Do Not Apply to Food Bearing Plants**

**Only protected handlers may be in the area during application.**

**The No-Drilling Injection Solution**

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

The ArborSystems Direct-Inject™ Systems are 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 of the tree (the active vascular system) and held inside by the self-sealing WedgeChek™s. 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. These systems minimize wounding and promote long-term tree vigor.

### Indications and Treatment Timing

Ornamental trees with heavy fruit or seed production can cause turf maintenance problems that require ongoing clean-up. Pinscher PGR eliminates or greatly reduces flowering and fruit/seed set without compromising tree health. Maintenance and cleanup concerns and labor are substantially reduced.

For early fruiting trees (most deciduous trees), make first year injections in the spring and late summer (approximately one month before the typical first frost). In subsequent years, make injections in the late summer for control the following year. In late fruiting trees such as Locust, Walnut and Ginko, fruiting/seeding is better controlled by injections in the early spring prior

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to flowering. First year applications will provide less fruit/seed reduction than subsequent applications. Apply annually for maximum effectiveness.

**Precautions:** Repeated treatment may cause bark damage; check before retreatment. Do not inject Pinscher PGR into drought-stressed trees or trees that do not appear healthy.

Tree Species	Application Rates (Injections Spaced Every 4 Inches)	
	Trees 18-30 inches CBH*	Trees > 30 inches CBH*
Ornamental trees (such as but not limited to) Cottonwood ( <i>Populus deltoides</i> ), Eucalyptus ( <i>Eucalyptus</i> spp.), London plane tree ( <i>Platanus acerifolia</i> ), Maples [Bigleaf ( <i>Acer macrophyllum</i> ), Norway ( <i>Acer platanoides</i> ), Red ( <i>Acer rubrum</i> ) and Silver ( <i>Acer saccharinum</i> )] and Sycamore ( <i>Platanus occidentalis</i> )	0.5 to 1 ml	1 to 2 ml

\*Circumference at breast height

**Note:** Depending on type of bark, the dosage per injection site may be cut in half and the number of injection sites doubled.

**How to Use ArborSystems™ Direct-Inject™ Chemicals with ArborSystems™ Direct-Inject™ Units**

1. Use only ArborSystems' Direct-Inject™ chemicals with your Unit as they have been formulated specifically for the Direct-Inject™ systems. Use of other chemicals will invalidate warranty.
2. Attach the chemical bottle or 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 insert 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] injections within 12" of the ground. [Portle™ injection height varies depending on type of tree and location.]
7. With a smooth motion, firmly squeeze the Injection Unit trigger or handles. This releases a pre-measured chemical dose to the tree.
8. Slowly withdraw the Injection Tip. The Wedgle™ WedgeChek [or Portle™ Injection Sleeve [PortChek]] plugs the hole, keeping the chemical in the tree.
9. Continue making injections moving around the tree until the entire tree trunk has been treated.
10. 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.

**Storage:** Store in original closed 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:** {Plastic Bottles;} Triple rinse (or equivalent) then offer for recycling or reconditioning; or puncture and dispose of in a sanitary landfill; or by incineration; or, if allowed by local authorities, by burning (if burned stay out of smoke). {Chemical Pack;} Completely empty pack into application equipment, then dispose of empty pack in a sanitary landfill; or by incineration; or, if allowed by 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.

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# ArborSystems™

P.O. Box 34645 Omaha, NE 68134

Toll-Free: 1-800-698-4641 Phone: (402) 339-4459 FAX: (402) 339-5011

www.ArborSystems.com

Pinscher™ PGR, Wedgle™ Direct-Inject™, Wedgle™ Tip, Portle™ Tip and WedgeChek™  
are trademarks of ArborSystems

Wedgle™ Tip is protected by U.S. Patent #5,239,773

WedgeChek™ is protected by U.S. Patent #5,797,215

*{Bottle Box Label}*

## PINSCHER™ PGR [ArborSystems™ Direct-Inject™ Chemical]

**For Systemic Chemical Pinching of Landscape Ornamentals  
Prevents Flowering and Fruit/Seed Set of Landscape Ornamentals  
Pinches Off the Fruit of Landscape Ornamentals**

**For Use By Professional Arborists/Applicators, Grounds Maintenance Professionals,  
City Foresters and Landscapers**

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

- Easy • No Drilling • No Posting • Saves Time and Money

**Active Ingredient:**

Dikegulac-sodium\* (CAS No. 52508-35-7) ..... 18.5%

**Other Ingredients** ..... 81.5%

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

\*Sodium salt of 2,3:4,6-bis-O-(1-methylethylidene)-a-L-xylo-2-hexulofuranosonic acid

Contains 0.2 oz. (24 grams) active ingredient per 4 fl. oz. (120 ml) bottle [pack] [chemical pack].

[Contains 0.05 oz. (6 grams) active ingredient per 1 oz. (30 ml) bottle.]

**Keep Out of Reach of Children**  
**CAUTION**  
 See insert for additional precautionary statements  
 and Complete Directions for Use.

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

**[Net Contents: 1 fl. oz. (30 ml)]**

### DIRECTIONS FOR USE

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

**ArborSystems™ Direct-Inject™ Tree Injection Systems:** The ArborSystems™ Direct-Inject™ Units are designed to be used only with ArborSystems' pre-bottled [pre-packed] chemicals. Tampering with bottles [packs] or contents may cause non-warranted damage to your injection system.

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**Storage and Disposal**

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

**Storage:** Store in original closed 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:** {Plastic Bottles;} Triple rinse (or equivalent) then offer for recycling or reconditioning; or puncture and dispose of in a sanitary landfill; or by incineration; or, if allowed by local authorities, by burning (if burned stay out of smoke). {Chemical Pack;} Completely empty pack into application equipment, then dispose of empty pack in a sanitary landfill; or by incineration; or, if allowed by local authorities, by burning (if burned stay out of smoke).

EPA Reg. No. 69117-7      EPA Est. 69117-NE-1

Sold by  
**ArborSystems™**  
P.O. Box 34645  
Omaha, NE 68134  
www.ArborSystems.com

{Bottle Label}

**PINSCHER™ PGR**  
[ArborSystems™ Direct-Inject™ Chemical]

**For Systemic Chemical Pinching of Landscape Ornamentals  
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**For Use By Professional Arborists/Applicators, Grounds Maintenance Professionals,  
City Foresters and Landscapers  
To be used with the ArborSystems™ Direct-Inject™ Tree Injection System**

**Active Ingredient:**

Dikegulac-sodium* (CAS No. 52508-35-7) .....	18.5%
<b>Other Ingredients</b> .....	81.5%
<b>Total</b> .....	100.0%

\*Sodium salt of 2,3:4,6-bis-O-(1-methylethylidene)-a-L-xylo-2-hexulofuranosonic acid

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### Storage and Disposal

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

**Storage:** Store in original closed 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:** {Plastic Bottles:} Triple rinse (or equivalent) then offer for recycling or reconditioning; or puncture and dispose of in a sanitary landfill; or by incineration; or, if allowed by local authorities, by burning (if burned stay out of smoke). {Chemical Pack:} Completely empty pack into application equipment, then dispose of empty pack in a sanitary landfill; or by incineration; or, if allowed by local authorities, by burning (if burned stay out of smoke).

EPA Reg. No. 69117-7

EPA Est. 69117-NE-1

Sold by

**ArborSystems™**

P.O. Box 34645

Omaha, NE 68134

[www.ArborSystems.com](http://www.ArborSystems.com)

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

### ArborSystems™ Direct Inject Tree Injection Systems The No-Drilling Injection Solution

The Direct-Inject™ systems are 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 chemical is lost in non-active wood, the Direct-Inject™ systems allow you to use less chemical to achieve high levels of effectiveness; this saves money and reduces chemical waste. The Direct-Inject™ Systems inject 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™ Systems:

- Minimize wounding to keep out fungi, bacteria, and insects.
- Prevent 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.
- Allow multiple or annual treatments without damaging the tree.
- Require no drills, power supply or other bulky equipment.

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

The ArborSystems™ Direct-Inject™ Systems are designed to preserve and protect the natural and urban forest. Treat almost any tree in five minutes or less. The Direct-Inject™ Systems are 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.



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ArborSystems™ Direct-Inject™ chemicals are integral parts of the Direct-Inject™ Tree Injection Systems. Use only ArborSystems' Direct-Inject™ chemicals with the Direct-Inject™ Units. Using unauthorized chemicals with the ArborSystems™ Direct-Inject™ Systems 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.

#### PINSCHER™ PGR

Common name: Atrinal™

Chemical: Diekgulac-sodium

Atrinal™ is a registered trademark of PBI/Gordon Corporation.

[ ] Denotes alternate/optional language

{ } Denotes language that does not appear on market labeling