

# PINSCHER® PGR

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

For systemic chemical pinching of landscape ornamentals. Prevents flowering and fruit/seed set of landscape ornamentals. Pinches off the fruit of landscape ornamentals.

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

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



**Tree Injection Solutions**  
800-698-4641 • Fax: 402-339-5011  
10168 L Street • Omaha, NE 68127

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

## FIRST AID

**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 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.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For medical emergencies call the poison control center at 1-800-222-1222.

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Causes moderate eye irritation. Avoid contact with skin, eyes or clothing.

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Mixers, loaders, applicators and other handlers must wear: Long-sleeved shirt, long pants, shoes, socks and chemical-resistant gloves made of rubber or neoprene. 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 washwaters or rinsate.



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## NOTICE OF WARRANTY

ArborSystems warrants that this product conforms to the chemical description on the label and is reasonably fit for use under average conditions when used strictly in accordance with the directions on the labeling. To the extent consistent with applicable law, ArborSystems does not make or authorize any agent or representative to make any other warranty, guarantee or representation, express or implied, concerning this product.

ArborSystems®, Pinscher®, Portle® and Wedge® are registered trademarks of ArborSystems.

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

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

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

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**ACTIVE INGREDIENT:** Dikegulat-sodium (CAS No. 52508-95-7) 18.5%  
**OTHER INGREDIENTS** 81.5%  
**Total** 100.0%

\*Sodium salt of 2,3,4,6-bis-O-(1-methylethyl)uridine-a-l-xylo-2-hexulofuranosonic acid  
Contains 0.2 fl oz (6 grams) active ingredient per 4 fl oz (120 ml) pack. Contains 1.7 fl oz (50 grams) active ingredient per 1 qt (2 fl oz (1000 ml) pack.

# PINSCHER® PGR

## DIRECTIONS FOR USE

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

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

## PRODUCT 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 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 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 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

Ornamental trees (such as but not limited to) Cottonwood (*Populus deltoides*), Eucalyptus (*Eucalyptus* spp.), London plane tree (*Platanus acerifolia*), Maples (Bigleaf (*Acer macrophyllum*), Norway (*Acer platanoides*), Red (*Acer rubrum*) and Silver (*Acer saccharinum*)) and Sycamore (*Platanus occidentalis*)

#### APPLICATION RATES PER INJECTION SITE PER TREE

Injections spaced every 4 inches.

**Trees 18-30 inches CBH\*:** 0.5 to 1 ml

**Trees >30 inches CBH\*:** 1 to 2 ml

\*Circumference at breast height

**Note:** Depending on type of bark (e.g. thin or fragile), 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 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 upon how thick the bark is and where, in the tree trunk, the tree is injected.
7. With a smooth motion, firmly squeeze the injection unit handles. This releases a pre-measured chemical dose to 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 Handling:** Non-refillable container; do not reuse or refill this container. 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.