



P.O. Box 34645 • Omaha, NE 68134 • Toll-Free: 800-698-4641 • Phone: 402-339-4459 • Fax: 402-339-5011 • ArborSystems.com

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

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 only 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-0-(1-methylethylidene)-a-L-xylo-2-hexulofuranosonic acid.

Container Size	Net Contents	AI/Container
120 ml container	4 fl oz (120 ml)	0.2 oz (24 g)
1000 ml pack	1 qt 2 fl oz (1000 ml)	1.66 oz (200 g)

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

**Keep Out of Reach of Children**

**CAUTION**

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

## 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.

### FIRST AID

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

**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 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.

## ENVIRONMENTAL HAZARDS

Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

## DIRECTIONS FOR USE

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

## GENERAL INFORMATION

**Do not inject food bearing trees.**

### ARBORSYSTEMS DIRECT-INJECT TREE INJECTION SYSTEMS

Tree growth is highly variable depending upon species, location, climatic factors, environmental conditions, etc. It is recommended, before large-scale tree injection programs are pursued, that users establish, by testing on a limited number of trees, the best rates to produce the desired growth reduction under local growing conditions. Some trees are more susceptible than others; repeated treatment may cause bark damage. Check before retreatment.

## PRECAUTION

Do not inject Pinscher PGR into drought-stressed trees or trees that do not appear healthy.

## NOTE

When using Pinscher PGR, the ArborSystems Direct-Inject Tree Treatment System must be cleaned periodically to prevent clogging.

## PERSONAL PROTECTIVE EQUIPMENT (PPE)

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

## TREE SPECIES

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 RATE

**Trees 18-30 inches CBH\*:** 0.5 to 1 ml per 4"

**Trees >30 inches CBH\*:** 1 to 2 ml per 4"

\*Circumference at breast height

## NOTE

Depending on type of bark, the dosage per injection site may have to be reduced to 1/2 ml per site and the number of injection sites doubled.



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## 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 container 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 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 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.

**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: 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 authorities, by burning (if burned, stay out of smoke). **Chemical Packs:** Completely empty pack into application equipment, then dispose of empty pack in a sanitary landfill or by incineration, 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.

Pinscher® PGR, Portle® Tip, and Wedgle® Tip are registered trademarks of ArborSystems™.

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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