



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

An 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, foresters, grounds maintenance professionals 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 pack	4 fl oz (120 ml)	0.2 oz (24 g)
1000 ml pack	1 qt 2 fl oz (1000 ml)	1.7 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 apply to food bearing trees.

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 cleanup. 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.

PRECAUTION

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.



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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 RATE

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, the dosage per injection site may be cut in half and the number of injection sites doubled.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

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

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® 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.

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: 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.

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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