•	69117-7		-17-20	04			1/15
Please read instructions on						Form Ap	proved. OMB No. 2070-0060.
	United State	es			Regi	stration	OPP Identifier Number
Enviro	nmental Prote	ction Agend	v		-		
	0 Pennsylvania Av		-		Ame	ndment	
	Vashington, DC 20			X	Othe	r	
······································		oplication fo	r Pesticide -				
1. Company/Product Numb EPA	oer <b>Reg. No. 69117</b> -	.7	2. EPA Pro Cynth		nager <b>s-Park</b>		roposed Classification
4. Company/ Product (Nam	<sup>ne)</sup> Pinscher™ PGR		PM #	22		X	None Restricted
5. Name and Address of A		ode)	6 Evner		laview	In accord	ance with FIFRA Section
ArborSystems, LLC	, ,	.e					lentical in composition and
c/o RegWest Compa	ny, LLC		labeling to				in composition and
30856 Rocky Road	•		<b>J</b>				
Greeley, CO 80631-9	9375		EPA Reg.	No			
	heck if this is a new add	lress	Product N	ame			
		S	ection – II				
Amendment - Explain	below.		🗖 Final p	printed la	bels in res	sponse to Age	OTIFICATION
Resubmission in resp	onse to Agency letter da	ated	. 🛛 🗖 "Ме То	oo" Appli	cation.		
Notification - Explain t	pelow.		Other	– Explai	n below.	h	MAY 1 7 2004
Explanation: Use add	······································	sary. (For Section	I and Section II.)				
	Submit (Refer to the atta		notification per				2)
	(Refer to the atta	cheu Kererent		nusua		an change	s) .
have been made to the Sec. 1001 to willfully ma	labeling or the confid ke any false stateme 40 CFR § 152.46 th	lential statement ent to the EPA. his product may	of formula of this further understar	produc	t. Tunde f this not	erstand that it ification is no	1.46, and no other changes t is a violation of 18 U.S.C. of consistent with the terms to enforcement action and
		C	ection – III				
1. Material This Product V	Mill Be Dackaged In:	3	ection – m				
Child Resistant Packaging			Water Sotuble Pack	aning		2. Type of C	Container
Yes*			Yes	-99		D Metal	
	Yes		_			D Plastic	
LI No						Glass	
*Certification must	If "Yes"	No. Per	If "Yes"	No.		D Paper	
be submitted	Unit Packaging Wgt.	Container	Packaging Wgt.	I Con	tainer	D Other (S	Specify):
3. Location of Net Contents	Information	4. Size(s) Retail	Container		5. L	ocation of Lab	el Directions
						On Label	
Label	Container					'On Labeling A	Accompanying Product
6. Manner in Which Label is	s Affixed to Product	🗖 Lith	ograph	🗖 st	enciled		
			er glued	<b>D</b> o	ther		
Section - IV							
1. Contact Point (Comp	lete items directly bel			be conf	acted. if r	ecessary. to	process this application).
Name		Title					clude Area Code)
Kim Davie CC Al	PC Manager	Con	sultant/Agent		(07	70) 353-061	1 / kim@regwest.com
Certification 6. Date Application							
L certify that the statements I have made on this form and all attachments thereto are true Received							
accurate and complete. I acknowledge that any knowingly false or misleading statement may be							
punishable by fine or imprisonment or both under applicable law.							
2. Signature 3. Title							
121	<u> </u>		Consultant/Agent		•		
4. Typed Name		5. Date	•		_		• *
Kim Davis, CC, APC, Manager			Mav	10, 20	04		

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EPA Form 8570-1 (Rev. 8-94) Previous editions are obsolete.

69117-7 **New Label**: Page 1 of 6 03/05/03 SAL + 04/07/03 + 05/10/04 NOTIFs

NOTIFICATION

{Box Label}

## **PINSCHER™ PGR**

## For Use on Broadleaf Trees to Retard the Growth of Certain Landscape Ornamentals Reduces the Frequency of Manual Pruning

## For Use By Professional Arborists/Applicators with the ArborSystems™ Wedgle™ Direct-Inject™

Tree Treatment System

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

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

Contains 24 grams (0.2 oz.) active ingredient per 120 ml (4 oz.) bottle.

	Keep Out of Reach of Children	
	CAUTION	
See	insert for additional precautionary statements.	

Net Wt. 4 oz. (120 ml)

## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Refer to insert for complete Directions for Use

**ArborSystems™ Wedgle™ Direct-Inject™ Tree Treatment System** Wedgle<sup>™</sup> Direct-Inject<sup>™</sup> Unit is designed to be used only with ArborSystems pre-bottled chemicals. Tampering with bottles or contents may cause non-warrantied damage to your treatment system.

## How to Figure Number of Injection Sites

Be sure to follow the directions on the insert to determine how many 1-ml injection sites are needed on any given tree.

Tree Graphic

{showing measurements and insertions}

Usually this is approximately one injection\* for every 4" to 6" of trunk circumference. Make WedgeChek™ insertions evenly spaced around the flare of the tree.

\*Depending on type of bark, the dosage per injection site may have to be reduced to ½ ml per site and the number of injection sites doubled.

## Storage and Disposal

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

**Storage:** Store in a tightly 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:** Triple rinse, or equivalent, then dispose of in an incinerator or landfill approved for pesticide containers.

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

## sold by ArborSystems™

## www.ArborSystems.com

{Container Label}

PINSCHER™ PGR

For Use on Broadleaf Trees to Retard the Growth of Certain Landscape Ornamentals Reduces the Frequency of Manual Pruning For Use By Professional Arborists/Applicators with the ArborSystems™ Wedgle™ Direct-Inject™ Tree Treatment System

**Active Ingredient:** 

Dikegulac-sodium* (CAS No. 52508-35-7)	18.5%
Other Ingredients	
Total	
*Sodium salt of 2,3:4,6-bis-O-(1-methylethylidene)-a-L-xylo-	2-
Hexulofuranosonic acid	
Contains 24 grams (0.2 oz.) active ingredient per 120 ml (4	oz.) bottle.

## Keep Out of Reach of Children CAUTION See insert for additional precautionary statements.

Net Wt. 4 oz. (120 ml)

## DIRECTIONS FOR USE

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

Refer to insert for complete Directions for Use

**ArborSystems™ Wedgle™ Direct-Inject™ Tree Treatment System** Wedgle<sup>™</sup> Direct-Inject<sup>™</sup> Unit is designed to be used only with ArborSystems pre-bottled chemicals. Tampering with bottles or contents may cause non-warrantied damage to your treatment system.

## **Storage and Disposal**

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

Storage: Store in a tightly 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:** Triple rinse, or equivalent, then dispose of in an incinerator or landfill approved for pesticide containers.

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

Sold by ArborSystems<sup>™</sup> www.ArborSystems.com (Insert)

## **PINSCHER™ PGR**

## For Use on Broadleaf Trees to Retard the Growth of Certain Landscape Ornamentals Reduces the Frequency of Manual Pruning For Use By Professional Arborists/Applicators with the ArborSystems™ Wedgle™ Direct-Inject™ Tree Treatment System

## Active Ingredient:

Dikegulac-sodium* (CAS No. 52508-35-7)	18.5%
Other Ingredients	<u>81.5%</u>
Total	
*Sodium salt of 2,3:4,6-bis-O-(1-methylethylidene)-a-L-xylo	-2-
Hexulofuranosonic acid	
Contains 24 grams (0.2 oz.) active ingredient per 120 ml (4	oz.) bottle.

## Keep Out of Reach of Children CAUTION See inside for additional precautionary statements.

Net Contents 4 oz. (120 ml)

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

## Sold by ArborSystems<sup>™</sup> P.O. Box 34645 Omaha, NE 68134

## PRECAUTIONARY STATEMENTS Hazards to Humans & Domestic Animals

www.ArborSystems.com

**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
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.
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.
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.
ict container or label with you when calling a poison control center or doctor, or going for treatment. You ct 1-800-698-4641 for emergency medical treatment information.

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

## **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 labeling.

## For Use By Professional Arborists/Applicators

## GENERAL INFORMATION Do not Inject Food Bearing Trees

## ArborSystems<sup>™</sup> Wedgle<sup>™</sup> Direct-Inject<sup>™</sup> Tree Treatment System using the Patented Wedgle<sup>™</sup> Tip and WedgeChek<sup>™</sup>

The injection system is easy. Most trees can be treated in as little as five minutes allowing arborists/applicators to treat trees quickly. Commercial operators will make more money, handle more business and create more satisfied customers while ground maintenance crews are more productive, more confident and have greater peace of mind. May be used in sunny or overcast conditions. Each system weighs just three pounds and the hassle of hauling around extra equipment and larger amounts of chemical is eliminated. Everything about this system is more efficient and operators will be up and running in just 15 minutes.

With no holes to drill, long term wounding is prevented and by injecting chemicals into the cambial area without introducing air, pathogens are not allowed into the tree and potential decay never starts. After 120 injections you have only one small container to dispose. Concerns you may have had when spraying will be eliminated. And with a closed system there is no mixing. Chemicals are injected directly into the tree.

The injection system is effective. Wedge-shaped needles inject chemical into the active layer of the tree. Because of this, not only is the effectiveness of the chemical increased, control of most problems is reached in as little as five days. The Wedgle also means less chemical used, less chemical purchased and less time spent in each area without having to worry about the quality of your work. Whether you use your system as a preventative, concerned about potential problems, or you're using an IPM approach, needing a curative for definite results, you will have season control with one easy application.

Quicker and more efficient use of your time and resources. Start using tomorrow's technology on the trees you're treating today, with the world's most effective tree injection system: the ArborSystems Wedgle<sup>™</sup> Direct-Inject Tree Treatment System.

The ArborSystems<sup>™</sup> Tree Treatment System injects pesticides or micronutrients into a tree with minimal wounding. The system will inject chemicals into the area of bark separation where the chemical can be actively transferred to other parts of the tree. 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.

The best results on deciduous trees are obtained when winter-trimmed or untrimmed trees are injected with Pinscher PGR after the first flush of leaves is  $\frac{3}{4}$  to fully developed and before shoot growth begins. Broadleaf evergreens may be treated during seasonal growth flushes.

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

Note: When using Pinscher PGR, the ArborSystems<sup>™</sup> Wedgle<sup>™</sup> Direct-Inject<sup>™</sup> Tree Treatment System must be cleaned periodically to prevent clogging.

## How to Use the ArborSystems<sup>™</sup> Wedgle<sup>™</sup> Direct-Inject<sup>™</sup> Tree Treatment System:

- 1. Use protective eyewear and rubber or neoprene gloves when handling or installing the ArborSystems™ Wedgle™ Direct-Inject™ Tree Treatment System.
- 2. Attach the chemical bottle to the Wedgle<sup>™</sup> Direct-Inject<sup>™</sup> Unit.
- 3. Attach the Wedgle Tip to the Wedgle<sup>TM</sup> Direct-Inject<sup>TM</sup> Unit. Make sure the small hole in the tip is pointing straight up. Set the delivery volume on the unit to 1 ml or ½ ml, as appropriate.
- 4. Determine the thickness of the bark. Insert the Wedgle Tip into the fissure of the tree. If the tip penetrates more than the length of a WedgeChek the injection will be made in the fissure. If the tip penetrates less than the length of a WedgeChek the injection will be made through the tight bark of the tree. On thin-barked trees you may find it necessary to insert the WedgeChek in only one-half as far as normal.
- 5. Insert the WedgeChek<sup>™</sup> Punch into the tree. [(See Fig. 1)] Remove the punch and squeeze the trigger to remove the bark core. Examine the core to make sure the core that has been removed is approximately the same length as the WedgeChek. Repeat this step while moving around the flare of the tree. Be sure to follow the label directions on this insert to determine how many injection sites are needed on any given tree. Usually this is approximately 1 injection for every 4" of trunk circumference. Make WedgeChek insertions around the flare of the tree spacing evenly.
- 6. Place the WedgeChek on the protruding pin on the bottom of the grip then insert the WedgeChek directly into the punched hole. [(See Fig. 2)] The barbs on the WedgeChek will secure it in the tree.

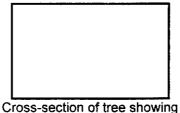
- 7. Insert the Wedgle Tip with a straight motion through the WedgeChek. Make sure the hole in the tip passes completely through the WedgeChek. As the tip is pushed through the WedgeChek and the bark, the blunt-edged tip automatically stops when it reaches the wood.
- 8. With a smooth motion, firmly squeeze both handles at the same time. This allows the bark to separate and the chemical to be deposited into the area. The WedgeChek plugs the hole, allowing the chemical to remain in the tree.
- 9. Slowly withdraw the tip and repeat this step while moving around the circumference of the tree.
- 10. Move laterally and make the next injection until the entire tree trunk has been treated. After the tree has taken up the chemical each WedgeChek can either be removed or left in the tree.

	Application Rates (Insertions Spaced Every 4 Inches)		
Tree Species	Trees 6 – 10 inches DBH	Trees >10 inches DBH	
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 mi	
Eucalyptus (Eucalyptus sideroxylon)	0.5 ml	0.5 to 1 ml	
Hackberry ( <i>Celtis occidentalis</i> ), Shamel ash ( <i>Fraxinus uhdei</i> ) and Water oak ( <i>Quercus nigra</i> )	2 ml	2 ml	

Note: Depending on type of bark, the dosage per injection site may have to be reduced to ½ ml per site and the number of injection sites doubled.

When tree crown or leaf area is considered larger than normal, inject an amount in the higher suggested rate range. For trees with very small crowns or leaf area, inject an amount in the lower suggested rate range. Injection volume is dependent upon the tree size. The volume is determined by measuring the diameter of the tree at breast height (DBH) and utilizing one of the following formulas:

Number of Injection Sites	Total Injection Volume (TIV) (in ml)	Volume per Injection Site
For trees 6 to 16 inches DBH	3 TIV = (DBH) <sup>2</sup> x 1.59	TIV ÷ 3
For trees greater than 16 inches DBH	6 TIV = DBH x 26.26	TIV ÷ 3



Wedgle Tip and WedgeChek

## Storage and Disposal

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

Storage: Store in a tightly 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:** Triple rinse, or equivalent, then dispose of in an incinerator or landfill approved for pesticide containers.

## 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.

69117-7 New Label: Page 6 of 6 03/05/03 SAL + 04/07/03 + 05/10/04 NOTIFs

For assistance, contact

ArborSystems<sup>TM</sup> P.O. Box 34645 Omaha, NE 68134 Toll-Free: 1-800-698-4641 Phone: (402) 339-4459 FAX: (402) 339-5011 Pinscher™ PGR, Wedgle<sup>™</sup> Direct-Inject<sup>™</sup>, Wedgle<sup>™</sup> Tip and WedgeChek<sup>™</sup> are trademarks of ArborSystems, LLC Wedgle<sup>™</sup> Tip is protected by U.S. Patent #5,239,773 WedgeChek<sup>™</sup> is protected by U.S. Patent #5,797,215

[ ] Denotes alternate/optional language{ } Denotes language that does not appear on market labeling

MOTIFICATION MOUS 7 1 YAM

## **PINSCHER™ PGR**

Easy • No Orlilling • No Posting • Saves Time and Money

## **PINSCHER™ PGR**

For Use on Broadleaf Trees to Retard the Growth of Certain Landscape Ornamentals. Reduces the Frequency of Manual Pruning. For Use by Professional Arborists/Applicators with the Arbor(Systems Wedgle\* Direct-Inject\* Tree Treatment System.

Hexulofuranosonic acid

Contains 24 grams (0.2 oz.) active ingredient per 120 ml (4 oz.) bottle.

## Keep Out of Reach of Children CAUTION

See insert for additional precautionary statements. DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Refer to insert for complete Directions for Use.

#### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Storage: Store in a tightly 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: Troje rinse, or equivalent, then dispose of in an incinerator or landfill approved for pesticide containers.

Net Contents 4 oz. (120 ml) EPA Reg. No. 69117-7 EPA Est. 69117-NE-1



PC\_801\_04-105

## **PINSCHER™ PGR**

For Use on Broadleaf Trees to Retard the Growth of Certain Landscape Ornamentals. Reduces the Frequency of Manual Pruning. For Use by Professional Arborists/Applicators with the ArborSystems Wedgle" Direct-Inject" Tree Treatment System.



"Sodium salt of 2,3:4,6-bis-0-(1-methylethylidene)-a-L-xylo-2-Hexulofuranosonic acid Contains 24 grams (0.2 oz.) active ingredient per 120 ml (4 oz.) bottle.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its tabeling. Refer to insert for complete Directions for Use.

#### **STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal. Storage; Store in a tightly 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: Triple rinse, or equivalent, then dispose of in an incinerator or tandfill approved for pesticide containers.

Net WL 4 oz. (120 ml) EPA Reg. No. 69117-7 EPA Est. 69117-NE-1

Sold by ARDOR SYSTEMS WWW.ArborSystems.com

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#### PINSCHER" PGR

For Use on Broadleaf Trees to Retard the Growth of Certain Landscape Ornamentals Reduces the Frequency of Manual Pruning, r Use by Professional Arborists/Applicators with the ArborSystems Wedgte" Direct-Inject" Tree Treatment System

## ACTIVE INGREDIENT: Dikegulac-sodium\* (CAS No. 52508-35-7)...

.....18.5% OTHER INGREDIENTS ...... "Sodium salt of 2,3:4.6-bis-0-(1-methylethylidene)-

a-L-xvio-2-Hexuloturanosonic acid Contains 24 grams (0.2 oz.) active ingredient per 120 ml (4 oz.) bottle.

> Keep Out of Reach of Children CAUTION See inside for additional precautionary statements

Net Contents 4 oz. (120 ml) EPA Reg. No. 69117-7 EPA Est. 69117-NE-1

## Sold by

ARDORSYSTEMS P.O. Box 34645 • Omaha, NE 68134 www.ArborSystems.com

#### PRECAUTIONARY STATEMENTS

Hazards to Humans & Domestic Animals 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		
lf 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.	អ
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.	14 0
lf in Eyes	<ul> <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 canter or doctor for treatment advice</li> </ul>	Ī

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-698-4641 for emergency medical treatment information

#### 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 labeling.

For Use By Professional Arborists/Applicators GENERAL INFORMATION Do Not Inject Food Bearing Trees

Do Not Inject Food Bearing Trees ArborSystems Wedgle" Direct-Inject" Tree Treatment System using the patented Wedgle" Tp and WedgeChek" The injection system is easy. Most trees can be treated in as little as five minutes allowing arborists/applicators to treat trees quickly. May be used in sunny or overcast conditions. With no holes to drill, long term wounding is prevented and by injecting chemicals into the cambial area without introducing air, pathogens are not allowed into the tree and potential decay never stars. After 120 into the tree and potential decay never starts. After 120 injections you have only one small container to dispose. Concerns you may have had when spraying will be eliminated. And with a closed system there is no mixing. The injection system is effective. Wedge-shaped needles inject chemical into the active layer of the tree. Because of this, not only is the effectiveness of the chemical increased, control of most problems is reached in as little as five days

Whether you use your system as a preventative, concerned about potential problems, or you're using an IPM approach, needing a curative for definite results, you will have season control with one easy application. Tree growth is highly variable depending upon species, location, climatic factors, environmental conditions etc. It is recommended, before large-scale tree injection programs are oursued, that users establish, by resting on a limited number of trees, the best rates to produce the desired growth reduction under local growing conditions. The best results on deciduous trees are obtained when winter-trimmed or untrimmed trees are injected with PINSCHER" PGR after the first flush of leaves is 3/4 to tully developed and before shoot growth begins. Broadleaf evergreens may be treated during seasonal growth flushes.

Precaution: Do not inject PINSCHER\*\* PGR into drought stressed trees or trees that do not appear healthy

Note: When using PINSCHER\*\* PGR, the ArborSystems Wedgle\*\* Direct-inject\*\* Tree Treatment System must be cleaned periodically to prevent clogging.

#### PINSCHER<sup>™</sup> PGR

For Use on Broadleaf Trees to Retard the Growth of Certain Landscape Ornamentals Reduces the Frequency of Manual Pruning. For Use by Professional Arborists/Applicators with the AmorSystems Wednie" Direct-Inject

Tree Treatment System ACTIVE INGREDIENT: Dikegulac-sodium\* (CAS No. 52508-35-7)..... .18.5% **OTHER INGREDIENTS** 

\*Sodium sail of 2.3:4.6-bis-0-(1-methylethylidene)a-L-xvlo-2-Hexulofuranosonic acid Contains 24 grams (0.2 oz.) active ingredient per 120 mi (4 oz.) bottle

Keep Out of Reach of Children CAUTION

See inside for additional precautionary statements.

Net Contents 4 oz. (120 ml) EPA Reg. No. 69117-7 EPA Est. 69117-NE-1



P.O. Box 34645 . Omaha, NE 68134 www.ArborSystems.com

#### 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 Ald

	FIRST AID	
if inhaled	<ul> <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>	
lf en Skin or Clething	<ul> <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> <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>	
	duct container or label with you when on control center or doctor, or going for	
trantment You may also context 1 900 609 4641 for		

treatment. You may also contact 1-800-698-4641 to emergency medical treatment information

#### 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 labeling. For Use By Professional Arborists/Applicators

## GENERAL INFORMATION Do Not Inject Food Bearing Trees ArborSystems Wedgle" Direct-inject" ree Treatment System using the patent Wedgle" Tip and WedgeChek" nted

The injection system is easy. Most trees can be treated in as little as five minutes allowing arbonists/applicators In as time as two minutes allowing amonstrappicators to treat trees guickly. May be used in sunny or overcast conditions. With no holes to drill, long term wounding is prevented and by injecting chemicals into the cambial area without introducing air, pathogens are not allowed into the tree and potential decay never starts. After 120 Injections you have only one small container to dispose. Concerns you may have had when spraying will be eliminated. And with a closed system there is no mixing. The Injection system is effective. Wedge-shaped needles inject chemical into the active layer of the tree. Because of this, not only is the effectiveness of the chemical increased control of most problems is reached in as little as five days.

Whether you use your system as a preventative, concerned about potential problems, or you're using an Concerned adout potential problems, or you're using an IPM approach, needing a curative tor definite results, you will have season control with one easy application. Tree growth is highly variable depending upon species, location, climatic factors, environmental conditions, etc. It is recommended, before large-scale tree licentice percenting and environmental conditions. 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. The best results on deciduous trees are obtained when winter-trimmed or untrimmer trees are injected with PINSCHER" PGR after the first flush of leaves is 3/4 to fully developed and before shoot growth begins. Broadleat evergreens may be treated during seasonal growth flushes.

Precaution: Do not inject PINSCHER" PGR into droughtstressed trees or frees that do not appear healthy

Note: When using PINSCHER" PGR, the ArborSystems Wedgle" Direct-Inject" Tree Treatment System must be cleaned periodically to prevent clogging.

#### PINSCHER" PGR

For Use on Broadleat Trees to Retard the Growth of Certain Landscane Ornamentals Reduces the Frequency of Manual Pruning For Use by Professional Arborists/Applicators the ArborSystems Wedgle" Direct-Inject Tree Treatment System.

#### ACTIVE INGREDIENT:

Dikegulac-sodium"	
(CAS No. 52508-35-7	)
OTHER INGREDIENTS	
	Total: 100.0%

Sodium salt of 2,3:4,6-bis-0-(1-methylethylidene) a-1-xvio-2-Hexulofuranosonic acid Contains 24 grams (0.2 gz.) active ingredient per 120 ml (4 oz.) bottle

> Keep Out of Beach of Children CAUTION

#### See inside for addit precautionary states ad dist

Net Contents 4 oz. (120 ml) EPA Reg. No. 69117-7 EPA Est. 69117-NE-1



ARBORSYSTEMS P.O. Box 34645 • Omaha, NE 68134 www.ArborSystems.com

#### PRECAUTIONARY STATEMENTS

Hazards to Humans & Domestic Animals CALIFICAL: Harmful if inhated. Avoid breathing vapors Avoid contact with skin, eyes or clothing. Thoroughly wash with scap and water after handling. Remove contaminated clothing and wash clothing before reuse. First Aid

	That Alu	
if inhaled	<ul> <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, it possible.</li> <li>Call a poison control center or doctor for further treatment advice.</li> </ul>	
lf on Skin or Clothing	<ul> <li>Take off contaminated clothing.</li> <li>Immediately rines 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> <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. You may also contact 1-800-698-4641 for emergency medical treatment information.

#### **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 inconsistant with its labeling. For Use By Professional Arborists/Applicators

## GENERAL INFORMATION

GENERAL INFORMATION Do Not Inject Food Bearing Trees Arbor Systems Wedgle" Direct-Inject" Tree Treatment System using the patented wedgle" Tip and WedgeChet" The injection system is easy. Most trees can be treated in as little as five minutes allowing arborist-opplicators to treat trees guickly. May be used in sumny or overcast confides. With an briefs to till hone term wandfan is conditions. With no holes to drill, long term wounding is prevented and by injecting chemicals into the cambial area without introducing air, pathogens are not allowed into the tree and potential decay never starts. After 120 into the free and potential decay never starts. After 120 injections you have only one small container to dispose. Concerns you may have had when spraying will be elimikated. And with a closed system there is no mixing. The injection system is effective. Wedge-shaped needes inject chemical into the active layer of the tree. Because of this, not only is the effectiveness of the chemical learner of active layer of of the chemical increased control of most problems is reached in as little as five days.

Whether you use your system as a pre concerned about potential problems, or you're using an IPM approach, needing a curative for definite results, you will have season control with one easy application. Tree growth is highly variable depending upon species, location, climatic factors, environmental conditions, etc. It is recommended, before large-scale free injection programs are pursued, that users establish, by produce the desired growth reduction under local growing conditions. The best results on deciduous trees are obtained when winter-trimmed or untrimmed es are injected with PINSCHER" PGR after the first sh of leaves is 3/4 to fully developed and before shoot growth begins. Broadleaf evergreens may be treated during seasonal growth flushes.

Precaution: Do not inject PINSCHER<sup>®</sup> PGR into drought stressed trees or trees that do not appear healthy.

Note: When using PINSCHER" PGR, the ArborSystems Wedgle" Direct-Inject" Tree Treatment System must be cleaned periodically to prevent clogging.

#### PINSCHER" PGR

For Use on Broadleal Trees to Retard the Growth of Certain Landscape Ornamentals. Reduces the Frequency of Manual Pruning For Use by Professional Arbonists/Applicators with

the ArborSystems Wedgle" Direct-Inject Tree Treatment System. ACTIVE INGREDIENT:

Dikegulac-sodium*	
(CAS No. 52508-35-7	18.5%
OTHER INGREDIENTS	
	Total: 100.0%

\*Sodium salt of 2,3:4,6-bis-O-(1-methylethylldene)a-L-xvio-2-Hexulofuranosonic acid Contains 24 grams (0.2 oz.) active ingredient per 120 ml (4 oz.) bottle

> Keen Out of Reach of Children CAUTION

## See inside for additional precautionary statements.

Net Contents 4 oz. (120 ml) EPA Reg. No. 69117-7 EPA Est. 69117-NE-1



P.O. Box 34645 + Omaha, NE 68134 www.ArborSystems.com

#### PRECAUTIONARY STATEMENTS

Hazards to Humans & Domestic Animais **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

if inhaled	<ul> <li>Move person to fresh air.</li> </ul>
	If person is not breathing, call 911
	or an ambutance, 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	<ul> <li>Take off contaminated clothing.</li> </ul>
or Clothing	<ul> <li>Immediately rinse skin with plenty of</li> </ul>
-	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 pro	duct container or label with you when

calling a poison control center or doctor, or going for treatment. You may also contact 1-800-598-4641 for emergency medical treatment information. 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 labeling.

### For Use By Professional Arborists/Applicators GENERAL INFORMATION Do Not inject Food Bearing Trees ArborSystems Wadgle" Direct-Inject" Tree Treatment System using the patent Wedgle" Tip and WedgeChek" tented

Wedge "Tip and WedgeChek" The injection system is easy. Most frees can be treated in as little as five minutes allowing arborists/applicators to treat trees quickly. May be used in sunny or overcast conditions. With no holes to drill, long term wounding is prevented and by injecting chemicals into the cambial area without introducing alt, pathogens are not allowed but the tree velocitient operating and patholes. into the tree and potential decay never starts. After 120 injections you have only one small container to dispose. Concems you may have had when spraying will be eliminated. And with a closed system there is no mixing. The injection system is effective. Wedge-shaped needles inject chemical into the active layer of the tree. Because of this, not only is the effectiveness of the chemical increased, control of most problems is reached in as little as five days.

Whether you use your system as a preventative, concerned about potential problems, or you're using an IPM approach, needing a curative for definite results, you will have season control with one easy application. 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. The best results on decidouus trees are obtained when winter-trimmed or untirmmed trees are localized with PINSCHER" PGR after the first fush of leaves is 34 to fully developed and before shoot growth begins. Broadleat evergreens may be treated during seasonal growth flushes.

Precaution: Do not inject PINSCHER" PGR into drought-stressed trees or trees that do not appear healthy.

Note: When using PINSCHER" PGR, the ArborSystems Wedgle" Direct-Inject" Tree Treatment System must be cleaned periodically to prevent clogging.



#### HOW TO USE THE ARBORSYSTEMS WEDGLE" DIRECT-INJECT TREE TREATMENT SYSTEM:

- 1. Use protective evewear and rubber or neoprenhandling or installing Wedgle<sup>\*\*</sup> Direct-Inject\*\* gloves when handling ArborSystems Wedgle<sup>17</sup> Тгее Treatment System
- 2. Attach the chemical bottle to the Wedgle" Direct inject Unit
- 3. Attach the Wedgle" Tip to the Wedgle" Direct-Inject" Unit. Make sure the small hole in the tip is pointing straight up. Set the delivery volume on the unit to 1 ml or 1/2 ml, as appropriate
- 4. Determine the thickness of the bark, Insert the Wedgle" Tip into the fissure of the tree, if the tip penetrates more than the length of a WedgeChek" the injection will be made in the tissure. If the tip penetrates less than the length of a WedgeChek the injection will be made the the injection will be made through the tight bark of the tree. On thin-barked trees you may find it necessary to insert the WedgeChek" in only one-half as far as normal.
- 5. Insert the WedgeChek" Punch into the tree. Remove the punch and squeeze the trigger to remove the bark core. Examine the core to make sure the core that has been removed is approximately the same length as the WedgeChek". Repeat this step while moving around the flare of the tree. Be sure to follow the label directions on this insert to determine how many injection sites are needed on any given tree. Usually this is approximately 1 injection for every 4" of trunk circumference. Make WedgeChek" insertions around the flare of the tree spacing evenly.
- 6. Place the WedgeChek" on the protructing pin on the bottom of the grip then insert the WedgeChek" directly into the punched hole. The barbs on the WedgeChek" will secure it in the tree.
- Insert the Wedgle" Tip with a straight motion through the WedgeChek". Make sure the hole in the tio passes completely through the WedgeChek". As the tip is pushed through the WedgeChek" and the bark, the blunt-edged tip automatically stops when it reaches the wood.
- 8. With a smooth motion, firmly squeeze both handles at the same time. This allows the bark to separate and the chemical to be deposited into the are a The edgeChek" plugs the hole, allowing the chemical to remain in the tree.
- 9. Slowly withdraw the tip and repeat this step while moving around the circumference of the tree
- Move laterally and make the next injection until the entire tree trunk has been treated. After the tree has taken up the chemical each WedgeChek" can either be removed or left in the tree.

	APPLICATION RATES	
Tree Species	Trees 6-10 Inches DBH	Trate >10 inches DBH
Cottonwood (Populus deltaides), Eucalyptis (Eucalyptus spp), London plane tree (Platimus acerifolie), Maples (Biglisat (Acer platinodes), Red (Acer rubarni) and Scient (Acer saccharinum)) and Scamote (Platimus occidentatis)	0.5 to Imi	1 to 2 mi
Eucalyptus (Eucalyptus skleronylov)	0.5 mil	0.5 to 1 mil
Hackberry ( <i>Celtis occidentalis</i> ), Shainel ash ( <i>Fraxinus uhdel</i> ) and Water Celk ( <i>Quercus nigra</i> )	2 mi	2 ml

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

When tree crown or leaf area is considered larger than normal, inject an amount in the higher suggested rate range. For trees with very small crowns or leaf area, inject an amount in the lower suggested rate range. Injection volume is dependent upon the tree size. The volume is determined by measuring the diameter of the tree at breast height (DBH) and utilizing one of the wing formulas

Number of Injection Sites	Total Injection Volume (TIV) (in mi)	Volume per Injection Site
For trees 6 to 16 Inches OBH	3 TIV = (DBH)' x 1 59	11V ÷ 3
For trees greater than 16 Inches OBH	6 TN = DBH x 25.25	TIV ÷ 3

## STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Storage: Store in a tightly closed container in a cool, dry place. Postinide Disnosal: Wastes resulting from the use of this product may be disposed of on site of approved waste disposal facility. Container Dis Triple rinse (or equivalent) then dispose of in an incinerator or landfill approved for pesticide containers.

#### 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.

### ARDOR SYSTEMS

P.O. Box 34645 • Omaha, NE 68134 Toll-Free: 1-800-698-4641 Phone: (402) 339-4459 FAX: (402) 339-5011 www.ArborSystems.com HER™ PRR. Wedgle™ Direct\*Inject™. Wedgle™ Tip, and WodgaCi radiomarks of ArborSystems — Wedgle™ Tip is protected by U.S. 9: #5.239.773. WedgeCirek™ is protected by U.S. Pasent #5.797.215. PC\_IN\_04-10

### **HOW TO USE THE ARBORSYSTEMS** WEDGLE" DIRECT-INJECT" TREE TREATMENT SYSTEM:

1. Use protective eyewear and rubber or neoprene gloves when handling or installing the ArborSystems Wedgle" Direct inject" Tree Treatment System 2. Attach the chemical bottle to the Wedgie" Direct

- Unit
- 3. Attach the Wedgle<sup>®</sup> Tip to the Wedgle<sup>®</sup> Direct-Inject<sup>®</sup> Unit. Make sure the small hole in the tip is pointing straight up. Set the delivery volume on the unit to 1 ml or 1/2 ml, as appropriate
- 4. Determine the thickness of the bark. Insert the Wedgle" Tip into the fissure of the tree, if the tip penetrates more than the length of a WedgeChek" the injection will be made in the fissure, if the tip penetrates less than the length of a WedgeChek the injection will be made through the tight bark of the tree. On thin-barked trees you may find it necessary to insert the WedgeChek" in only one-half as far as normal.
- 5. Insert the WedgeChek"" Punch into the tree. Remove the punch and squeeze the trigger to remove the bark core. Examine the core to make sure the core that has been removed is approximately the same length as the WedgeChek". Repeat this step while moving around the flare of the tree. Be sure to follow the label directions on this insert to determine how The back directions of all shares to determine how many injection sites are needed on any given tree. Usually this is approximately 1 injection for every 4' of trunk circumference. Make WedgeChek'' inser-tions around the flare of the tree spacing evenly.
- 6. Place the WedgeChek" on the protruding pin on the bottom of the grip then insert the WedgeChek" directly into the punched hole. The barbs on the WedgeChek" will secure it in the tree
- Insert the Wedgle"Tip with a straight motion through the WedgeChek". Make sure the hole in the the passes completely through the WedgeChek". As the tip is pushed through the WedgeChek" and the bark, the blunt-edged tip automatically stops when it reaches the wood.
- 8. With a smooth motion, firmly squeeze both handles at the same time. This allows the bark to secarate and the chemical to be deposited into the edgeChek'\* plugs the hole, allowing the chem to remain in the tree.
- 9. Slowly withdraw the tip and repeat this step while moving around the circumference of the tree
- 10. Move laterally and make the next injection until the entire tree trunk has been treated. After the tree has taken up the chemical each WedgeChek" can either be removed or left in the tree.

	APPLICATION RATES (Insertions Spaced Every 4 Inchest	
Tree Species	Trees 6-10 inches DBH	Trees >10 Inches DBH
Coltorwood (Populus delicutes), Eucliphus (Eocalyphus spp.). Landon plane tree (Platanus acentovia), Maples (Bigleat (Acer platanodes), Red (Acer nubrum) and Silver (Acer sancharinum)) and Sycamuce (Platanus occidentiala)	0.5 to 1 m	1 to 2 ml
Eucatyptus (Eucatyptus sideroxylox)	0.5 ml	0.5 to 1 ml
Hackberry (Celtis occidentalis). Shamel ash (Fraxinus under) and Water bak (Guercus (Hora)	2 114	2 ml

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

When tree crown or leaf area is considered larger than normal, inject an amount in the higher suggested rate range. For trees with very small crowns or leaf area, inject an amount in the lower suggested rate range Injection volume is dependent upon the tree size. The volume is determined by measuring the diameter of the tree at breast height (DBH) and utilizing one of the iollowing formulas:

Number of injection Sites	Total Injection Volume (TIV) (in ml)	Volume per Injection Site
For Intess 6 to 16 Inchos DBH	3 TIV = (DBH) <sup>1</sup> x 1.59	TN + 3
For trees greater than 16 inclues OBH	6 TIV = D6H x 25.25	TIV ÷ 3

### STORAGE AND DISPOSAL Do not contaminate water, food or feed by storage or disposal.

Storage: Store in a tightly closed container in a cool, dry place. Positivide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Container Disposal: Triple rinse (or equivalent) then dispose of in an incinerator or landfill approved for pesticide containers.

#### NOTICE OF WARRANTY

ArborSystems warrants that this product conforms to the chemical description on the label and is reasonably fit fo use under average conditions when used strictly in accordance with the directions on the labelling ArborSystems does not make or authorize any agent o representative to make any other warranty, guarantee or representation, express or implied, concerning this product



P.O. Box 34645 • Omaha, NE 68134 Toll-Free: 1-800-698-4641 Phone: (402) 339-4459 FAX: (402) 339-5011 www.ArborSystems.com DER™ PGA, Wedgle™ Divect Invoct™ Wodgle™ TD, and WedgeChai trademarks of ArbotSystems — Wedgle™ Tp is protected by U.S. Pale 45,239,773. WedgeChaik™ Is protected by U.S. Palent #5,737,215

PC\_N\_04-10

#### **HOW TO USE THE ARBORSYSTEMS** WEDGLE" DIRECT-INJECT TREE TREATMENT SYSTEM:

- 1. Use protective evewear and rubber or neopregloves when handling or installing ArborSystems Wedgle" Direct-Inject freatment System.
- 2. Attach the chemical bottle to the Wedgle" Direct
- 3. Attach the Wedgle" Tip to the Wedgle" Direct-Inject" Unit. Make sure the small hole in the tip is pointing straight up. Set the delivery volume on the unit to 1 ml or 1/2 ml, as appropriate
- 4. Determine the thickness of the bark. Insert the Wedgle" Tip into the fissure of the tree. If the tip penetrates more than the length of a WedgeChek" penetrates more than the length of a WedgeChek" the injection will be made in the fissure. If the tip penetrates less than the length of a WedgeChek" the injection will be made through the tight bark of the tree. On thin-barked trees you may find it necessary to insert the WedgeChek" in only one-half as far as normal.
- 5. Insert the WedgeChek\*\* Punch into the tree. Remove the punch and squeeze the trigger to remove the bark core. Examine the core to make sure the core that has been removed is approximately the same length as the WedgeChek". Repeat this step while moving around the flare of the tree. Be sure to follow the label directions on this losert to determine how any injection sites are needed on any given tree Usually this is approximately 1 injection for every 4" of trunk circumference, Make WedgeChek" insertions around the flare of the tree spacing evenly
- 6. Place the WedgeChek" on the protruding pin on the bottom of the grip then insert the WedgeChek" directly into the punched hole. The barbs on the WedgeChek" will secure it in the free.
- 7. Insert the Wedgle"Tlp with a straight motion through the WedgeChek". Make sure the hole in the tip passes completely through the WedgeChek". As the tip is pushed through the WedgeChek" and the bark, the blunt-edged tip automatically stops when it reaches the wood.
- 8. With a smooth motion, firmly squeeze both handles at the same time. This allows the bark to separate and the chemical to be deposited into the area. The WedgeChek" plugs the hole, allowing the chemical to remain in the tree
- 9. Slowly withdraw the tip and repeat this step while moving around the circumference of the free
- Move laterally and make the next injection until the entire tree trunk has been treated. After the tree has taken up the chemical each WedgeChek\* either be removed or left in the tree,

	APPLICATION BATES (Insertions Spaced Every 4 laches	
Tree Species	Trees 6-10 Inches DBH	Trees >10 Inches DBH
Contenwood (Populus deritrides), Eucalyptus (Eccalyptus spp.), London plane thes (Pistenus acentrolia, Maples (Bigleat Ucer macrophyllum), Norway (Acer planodos), Red (Acer robrum) and Silver (Acer sacchanium)) and Sycamore (Platerus occidentais)	0.5 to 1 mi	3 to 2 ml
Eucalyptus (Eucalyptus sideroxylori)	05 mil	0.5 to 1 mi
Hackberry (Cettis occidentalis), Shamel ash (Fraxinus utidet) and Water oak (Overcus nigra)	2 mt	2 ml

Note: Depending on type of bark, the de injection site may have to be reduced to 1/2 per site d the number of injection sites doubled.

When tree crown or leaf area is considered larger than normal inject an amount in the higher suggested rate range. For trees with very small crowns or leaf area, inject an amount in the lower suggested rate range. Injection volume is dependent upon the tree size. The volume is determined by measuring the diameter of the tree at breast height (DBH) and utilizing one of the wing formulas

Number of Injection Sites	Total Injection Volume (TIV) (in mi)	Volume per injection Site
For Intes 6 to 16 Inches 06H	3 TIV = (DBH)' x 1.59	TTV ÷ 3
For trees greater than 16 inclues OBM	6 TIV = D6H x 25 25	TN ÷ 3

STORAGE AND DISPOSAL

### Do not contaminate water, food or feed

by storage or disposal. Storage: Store in a tightly closed container in a coci, 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 Disp Triple rinse (or equivalent) then dispose of in an incinerator or landfill approved for pesticide containers.

#### 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, guar representation, express or implied, concerning this product

## ARDORSYSTEMS

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## HOW TO USE THE ARBORSYSTEMS WEDGLE" DIRECT-INJECT" TREE TREATMENT SYSTEM:

 Use protective eyewear and rubber or neoprane gloves when handling or installing the ArborSystems Wedgle" Direct-inject" Tree reatment System

- 2. Attach the chemical bottle to the Wedgle" Direct-
- 3. Attach the Wedgle" Tip to the Wedgle" Direct-Inject" Unit. Make sure the small hole in the tip is pointing straight up. Set the delivery volume on the unit to 1 mi or 1/2 mi, as appropriate.
- 4. Determine the thickness of the bark. Insert the Wedgle" Tip into the fissure of the tree. If the tip penetrates more than the length of a WedgeChek" the injection will be made in the fissure. If the tip penetrates less than the length of a WedgeChek" the injection will be made through the tight bark of the tree. On thin-barked trees you may find it necessary to insert the WedgeChek" in only one-half as far as normal.
- 5. Insert the WedgeChek" Punch into the tree. Remove the punch and squeeze the trigger to remove the bark core. Examine the core to make sure the core That has been removed is approximately the same length as the WedgeChek". Repeat this step while moving around the flare of the tree. Be sure to follow the label directions on this insert to determine how many injection sites are needed on any given tree Usually this is approximately 1 Injection for every 4 of trunk circumference. Make WerneChek" usertions around the flare of the tree spacing evenly
- 6. Place the WedgeChek" on the protrucing oin on the bottom of the grip then insert the WedgeChek'" directly into the punched hole. The barbs on the WedgeChek" will secure it in the tree.
- WebgeCrek\* will secure it in the tree. 7. Insert the Wedgle"TD, with a straight motion through the WedgeCrek\*. Make sure the hole in the tip passes completely through the WedgeCrek\*. As the Up is pushed through the WedgeCrek\* and the bark, the blunt-edged tip automatically stops when it reaches the woord.
- 8. With a smooth motion, firmly squeeze both handles al the same time. This allows the bark to separate and the chemical to be deposited into the area. The WedgeChek" plugs the hole, allowing the chemical to remain in the tree.
- 9. Slowly withdraw the tip and repeat this step while moving around the circumference of the free.
- Move laterally and make the next injection until the entire tree trunk has been treated. After the tree has taken up the chemical each WedgeChek" can either be removed or left in the tree.

	APPLICAT Insertions Space	ION RATES & Every 4 Inches
Trea Species	Trees 6-10 Inches DBH	Trees >10 inches DBH
Cottonwood (Populus dettoides), Eucatyptus (Eucatyptus spp), London plane tree (Platanus acerdolin), Maptos (Bigleat IAcer Inacrophythus), Norway IAcer platanodes), Rod (Acer rubrum) and Silver (Acer sectiannum) and Silver (Acer (Platanus occidentialis)	05 to 1 mi	1 to 2 mi
Eucatyptus [Eucatyptus sideroxytort]	0.5 ml	05 ko 1 mi
Hackberry (Celtis occidentalis), Shamet ash (Fraxinus uhdel) and Water oak (Guercus nigra)	2 ml	2 mi

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

When tree crown or leaf area is considered larger than normal, inject an amount in the higher suggested rate rance. For trees with very small crowns or leaf area range, for these with very small crowns of real area, inject an amount in the lower suggested rate range, injection volume is dependent upon the tree size. The volume is determined by measuring the diameter of the tree at breast height (DBH) and utilizing one of the wing formulas:

Number of Injection Sites	Total Injection Volume (TIV) (in mi)	Volume per Injection Site
For trees 6 to 16 inches DBH	3 TIV = (DBH)' × 1.59	TIV + 3
For trees greater than 16 inches DBH	6 TIV = DBH × 25.25	TN ÷ 3

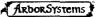
#### **STORAGE AND DISPOSAL** Do not contaminate water, food or feed

bo not containing a while, you of nodo by storage or disposal. Storage: Store in a tightly 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:** Triple rinse (or equivalent) then dispose of in an incinerator or landfill approved for pesticide containers.

#### 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 of representative to make any other warranty, guarantee or representation, express or implied, concerning this product,



## P.O. Box 34645 • Omaha, NE 68134 Toll-Free: 1-800-698-4641 Phone: (402) 339-4459 FAX: (402) 339-5011 www.ArborSystems.com

NSCHER<sup>TM</sup> PGR, Wedge<sup>TM</sup> Direct-Inject<sup>TM</sup>. Wedgle<sup>TM</sup> Tip: and WedgeDiek are trademarks of AnorSystems — Wedgle<sup>TM</sup> Tip: is protocled by U.S. Pater K5.239,773. WedgeDiek<sup>TM</sup> is protoclog by U.S. Pateril #5.797.215. PC\_IN\_04-100 FedEx

May 10, 2004





Ms. Cynthia Giles-Parker, Product Manager 22 Document Processing Desk – *NOTIF* Office of Pesticide Programs - *7504C* **U.S. Environmental Protection Agency** 1921 Jefferson Davis Highway Crystal Mall 2, Room 266A Arlington, VA 22202-5601

Dear Ms. Giles-Parker:

Subject: ArborSystems Pinscher<sup>™</sup> PGR EPA Reg. No. 69117-7

On behalf of its client **ArborSystems**, RegWest Company, LLC is submitting the attached materials as notification of a label revision for subject product. RegWest Company will act as sole agent in this endeavor.

Attached are the following:

- 1. Application for Pesticide: Other
- 2. Notification Acknowledgement
- 3. One Reference Label (illustrates the revisions)
- 4. One *New Label* (incorporating the revisions)
- 5. Two copies of final printed labeling

As illustrated on the **Reference Label**, the primary revision to this label is to standardize the name of the "system" to *ArborSystems Wedgle*<sup>TM</sup> *Direct-Inject*<sup>TM</sup> *Tree Treatment System*. In addition, the name of the injection gun has been changed from *SW100 Injector Gun* to *Wedgle*<sup>TM</sup> *Direct-Inject*<sup>TM</sup> *Unit*. These are the market names chosen by my client and the marketing team for the injection system.

We are also deleting the instruction to "measure at 4.5' above the ground" as this is redundant and the remaining placement is a much better location.

Please contact me at (970) 353-0611 or kim@regwest.com if you require additional information or have any questions.

Regards, **RegWest Company, LLC** 

Kim Davis, CC, APC, Manager Consultant/Agent

Attachments

pc: ASI - Doolittle, C.

30856 Rocky Roat Greeley, CO 80631-9375 970-353-0611

970-353-0611 970-353-0613 Fax Kim@regwest.com