

83529-2

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460-0001



OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

February 21, 2013

Sharda USA, LLC
c/o Ms. Cheryl Wagner
Wagner Regulatory Associates, Inc.
P.O. Box 640
Hockessin, DE 19707

Subject: Alternate Brand Name Notification per Pesticide Registration Notice 98-10

Dear Ms. Wagner,

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10, dated January 25, 2013, for the product "Sharda Imidacloprid 2SC T&O," EPA Registration Number 83529-2.

The Registration Division (RD) has conducted a review of this request for applicability under PRN 98-10 and finds that the label changes requested do fall within the scope of PRN 98-10. The label submitted with your application has been date-stamped "Notification" and will be placed in our files. The alternate brand name "Delphi Insecticide" has been added to the product record.

If you have any questions, please contact me directly at 703-308-8735 or email me at chao.julie@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Julie A. Chao".

Julie A. Chao
Insecticide-Rodenticide Branch
Registration Division (7505P)
Office of Pesticide Programs



United States
Environmental Protection Agency
 Washington, DC 20460

<input checked="" type="checkbox"/> X	<input type="checkbox"/> R	Registration
<input type="checkbox"/>	<input type="checkbox"/>	Amendment
<input type="checkbox"/>	<input type="checkbox"/>	Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 83529-2	2. EPA Product Manager Venus Eagle	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Sharda Imidacloprid 2 SC T&O /ABN Delphi Insecticide	PM# 1	
5. Name and Address of Applicant (Include Zip Code) Sharda USA L.L.C. c/o Wagner Regulatory Associates, Inc. P.O. Box 640 Hockessin, DE 19707 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(I), my product is similar or identical in composition and labeling to: EPA Reg. No. NOTIFICATION Product Name: FEB 21 2013	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____ "Me Too" Application.
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> Other - Explain below.
<input checked="" type="checkbox"/> Notification - Explain below.	

Explanation: Use additional page(s) if necessary. (For Section I and Section II.)
 This notification is consistent with the provisions of PR Notice 98-10 and EPA Regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under Sections 12 and 14 of FIFRA.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Metal	<input checked="" type="checkbox"/> Plastic
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt.	No. per container
				<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
				<input type="checkbox"/> Other (Specify) HDPE lined bags	
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 1 gallon, 2.5 gallon		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product		<input type="checkbox"/> Lithograph	<input type="checkbox"/> Other adhesive-backed label		
		<input checked="" type="checkbox"/> Paper glued			
		<input type="checkbox"/> Stenciled			

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)					
Name CHERYL WAGNER		Title AGENT FOR SHARDA USA LLC		Telephone No. (Include Area Code) (302) 635 7289	
I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.				6. Date Application Received (Stamped)	
2. Signature 		3. Title AGENT FOR SHARDA USA LLC			
4. Typed Name CHERYL WAGNER		5. Date January 25, 2013			

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WRA

Wagner Regulatory Associates, Inc.
P.O. Box 640
7217 Lancaster Pike, Suite A
Hockessin, Delaware 19707

January 25, 2013

Document Processing Desk (NOTIF)
ATTN: Ms. Venus Eagle, PM 1
Registration Division (7504P)
U.S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, Virginia 22202-4501

NOTIFICATION

FEB 21 2013

Dear Ms. Eagle,

**Re: Sharda Imidacloprid 2SC T&O, EPA Reg. No. 83529-2
Notification of addition of alternate brand name**

On behalf of Sharda USA LLC, I am submitting this notification of the addition of the following alternate brand name for this registered product - **Delphi Insecticide**.

In support of this notification I have enclosed an agent letter, EPA form 8570-1, and 2 copies of labeling with the alternate brand name.

If you have any questions concerning this submission please contact the undersigned.

Sincerely,

Cheryl Wagner
Agent for Sharda USA LLC

enclosures

cc: [illegible]

SHARDA IMIDACLOPRID 2SC T&O
[ABN: MIDASH 2SC T&O]
[ABN: DELPHI INSECTICIDE]

**Insecticide for foliar and systemic insect control in turf grass (including sod farms), landscape
ornamentals, fruit and nut trees and interior plantscapes.**

ACTIVE INGREDIENT:

Imidacloprid, 1 -[(6-Chloro-3-pyridinyl)methyl]-
N-nitro-2-imidazolidinimine..... 21.4%

OTHER INGREDIENTS:..... 78.6%

TOTAL:..... 100.0%

Contains 2 pounds of imidacloprid per gallon.

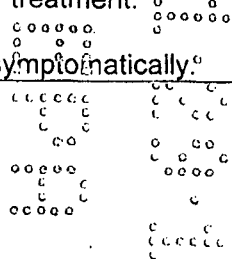
EPA Reg. No. 83529-2
EPA Est. No.37429-GA-02
NET CONTENTS: 1 gallon

NOTIFICATION
FEB 21 2013

KEEP OUT OF REACH OF CHILDREN
CAUTION

FIRST AID	
IF SWALLOWED:	- Call a poison control center or doctor immediately for treatment advice. - Have person sip a glass of water if able to swallow. - Do not induce vomiting unless told to do so by a poison control center or doctor. - Do not give anything by mouth to an unconscious person.
IF ON SKIN OR CLOTHING:	- Take off contaminated clothing. - Rinse skin immediately with plenty of water for 15 to 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 to 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.
In case of emergency call CHEMTREC toll free at 1-800-424-9300 . Have a product container or label with you when calling a poison control center or doctor, or going for treatment.	
NOTE TO PHYSICIAN: No specific antidote is available. Treat the patient symptomatically.	

Manufactured for:
Sharda USA LLC
7217 Lancaster Pike, Suite A
Hockessin, DE 19707



See inside booklet for additional **PRECAUTIONARY STATEMENTS, DIRECTIONS FOR USE AND STORAGE AND DISPOSAL**

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION**

Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling. Keep children or pets off treated area until spray is dry.

Personal Protective Equipment (PPE):

Applicators and Other Handlers must wear:

- Long-sleeved shirt and long pants
- Chemical resistant gloves made of any waterproof material such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyethylene, polyvinyl chloride (PVC) or viton. If you want more options, follow the instructions for category A on an EPA chemical-resistant category chart.
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining personal protective equipment, PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENGINEERING CONTROLS STATEMENT

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

User should:

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

ENVIRONMENTAL HAZARDS

This product is highly toxic to aquatic invertebrates. DO NOT apply directly to water, or 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.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. DO NOT apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

This chemical demonstrates the properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area.

Handle and open container in a manner as to prevent spillage. If the container is leaking or material spilled for any reason or cause, carefully sweep material into a pile. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Dispose of pesticide as directed below. In spill or leak incidents, keep unauthorized people away. You may contact Chemtrec at 1-800-424-9300 for decontamination procedures or any other assistance that may be necessary.

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: Nonrefillable container. Do not refill or reuse container. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

DIRECTIONS FOR USE

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Restriction: Do not formulate this product into other end-use products.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

DO NOT enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.

Exception: If the product is applied by drenching, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:

- Coveralls
- Chemical resistant gloves made of any waterproof material such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyethylene, polyvinyl chloride (PVC) or viton.
- Shoes plus socks

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NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Keep children and pets off treated area until dry.

APPLICATION TO TURFGRASS

DELPHI INSECTICIDE will control the following soil inhabiting pests and larvae found in turfgrass:

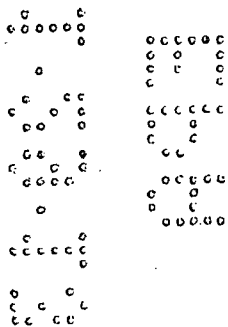
PEST	SCIENTIFIC NAME
Northern & Southern masked chafers	<i>Cyclocephala borealis</i> , <i>C. immaculata</i> , and/or <i>C. lurida</i>
Asiatic garden beetle	<i>Maladera castanea</i>
European chafer	<i>Rhizotroqus majalis</i>
Green June beetle	<i>Cotinis nitida</i>
May or June beetle	<i>Phyllophaga spp.</i>
Japanese beetle	<i>Popillia japonica</i>
Oriental beetle	<i>Anomala orientalis</i>
Billbugs	<i>Spherophorus spp.</i>
Annual bluegrass weevil	<i>Hyperodes spp.</i>
Black turfgrass ataenius	<i>Ataenius spretulus</i> and <i>Aphodius spp.</i>
European Crane Fly	<i>Tipula paludosa</i>
Mole crickets	<i>Scapteriscus spp.</i>

DELPHI INSECTICIDE will suppress cutworms and chinch bugs.

DELPHI INSECTICIDE can be applied as directed on turfgrass in the following sites:

- | | | |
|------------------------------------|--------------|-----------------|
| Residential lawns | Golf courses | Playgrounds |
| Business and office complexes | Airports | Athletic fields |
| Shopping complexes | Cemeteries | Sod farms* |
| Multi-family residential complexes | Parks | |

*Do not use in Arizona unless otherwise directed by supplemental labeling.



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Turf Grass		
Pest	Rate Per Application	Comments
Northern & Southern masked chafers Asiatic garden beetle European chafer Green June beetle May or June beetle Japanese beetle Oriental beetle Billbug Annual bluegrass weevil Black turfgrass ataenius European Crane Fly Cutworms (suppression)	1.25 to 1.6 pints/Acre (Equivalent to 0.46 to 0.6 fl. oz. per 1,000 sq. ft.)	Make application prior to egg hatch of grubs, billbugs, annual bluegrass weevil, and European Crane Fry to maximize control.
Chinch bugs (suppression) Mole crickets	1.6 pints/Acre (equivalent to 0.6 fl. oz. per 1,000 sq. ft.)	<ul style="list-style-type: none"> • For suppression of chinchbugs, make application before the hatching of the first instar nymphs. • For control of mole crickets make application prior to or during the peak egg hatch period. • If adults or large nymphs are actively tunneling, combine applications of DELPHI INSECTICIDE with a remedial insecticide. Follow label instructions for other insecticides when tank-mixing.
<ul style="list-style-type: none"> • DELPHI INSECTICIDE has adequate residual activity so that applications can be made preceding the egg laying activity of the target pests. • Best control is achieved when applications are made prior to egg hatch of the pests and when rainfall or irrigation after application will penetrate vertically in the soil column carrying the active ingredient into the zone where insects are normally located. • In order to move the active ingredient through the thatch, irrigate if rainfall does not occur within 24 hours after application. • Consult your local turf, state Agricultural Experiment Station, or State Extension Service Specialists for more specific information regarding timing of application. 		
<p>Application Equipment for Use on Turfgrass</p> <p>Dilute DELPHIE INSECTICIDE with enough water to provide adequate volume to promote thorough distribution into the pest zone. Use only accurately calibrated equipment for application to turfgrass. Apply a uniform, coarse droplet spray, using a low pressure setting to eliminate off target drift. Calibrate on a regular basis to ensure that equipment is distributing product properly.</p>		
<p>Restrictions:</p> <ul style="list-style-type: none"> • DO NOT apply more than 25.6 fl. oz. (1.6 pt.) (0.4 lb. of active ingredient) per acre per year. • DO NOT mow turf or lawn area until after sufficient irrigation or rainfall has occurred. • DO NOT apply when infested turfgrass areas are waterlogged or soil beneath turf is saturated with water. These conditions prevent thorough and consistent distribution. 		

APPLICATION TO ORNAMENTALS

DELPHI INSECTICIDE can be applied to ornamental plants in commercial and residential landscapes and interior plantscapes. DELPHI INSECTICIDE is a systemic insecticide that is transported within the plant system from the roots to the upper foliage. Apply DELPHI INSECTICIDE into a growing area of the plant that allows absorption of the active ingredient. Adding soluble nitrogen type fertilizers to the spray solution when appropriate can promote the uptake of the active ingredient.

Application can be made by foliar application or soil applications; including soil injection, drenches, and broadcast sprays. Foliar applications offer locally systemic activity against insect pests.

The systemic translocation of active ingredient will be slower when applied to woody plants with soil applications. This delay can take 60 days or longer depending on species and size of plant. To offset this, *make applications before anticipated pest infestation.*

Restriction for Ornamentals:

- Outdoor applications cannot exceed a total of 25.6 fl. oz. (1.6 pints) (0.4 lb. of active ingredient) per acre per year.

ANT MANAGEMENT PROGRAMS

Use DELPHI INSECTICIDE to control aphids, scale insects, mealybugs and other sucking pests on ornamentals with ant populations because it removes honeydew as a food source. To enhance control of ants, supplement with residual sprays, bait placements or other ant control tactics.

APPLICATION EQUIPMENT FOR FOLIAR APPLICATIONS

DELPHI INSECTICIDE mixes readily with water and may be used in many types of application equipment. Add a commercial spreader/sticker to promote coverage on hard to wet foliage such as holly, pine, or ivy.

DELPHI INSECTICIDE is compatible with many commonly used fungicides, miticides, liquid fertilizers, and other insecticides. If applicator has no prior experience with a particular tank mix, check physical compatibility by making a small clear jar test using correct proportions of products to be tank mixed.

RESTRICTIONS for Foliar Applications:

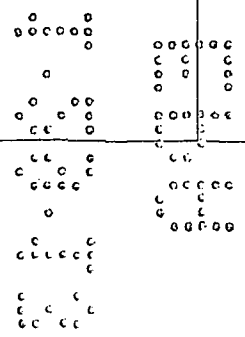
- Keep children and pets off treated area until dry.
- Do not apply more than 1.6 pt. (0.4 lb. of active ingredient) per acre per year.
- Not for use in commercial greenhouses, nurseries, or on grasses grown for seed, or on commercial fruit and nut trees.
- **DO NOT** apply through any irrigation system.
- Do not graze treated areas or use clippings from treated areas for feed or forage.
- Do not allow runoff or puddling of irrigation water following application.
- Do not apply DELPHI INSECTICIDE to areas which are water logged or saturated, which will not allow penetration into the root zone of the plant.
- Treated areas may be replanted with any crop specified on an imidacloprid label, or with any crop for which a tolerance exists for the active ingredient.
- For crops not listed on an imidacloprid label, or for crops for which no tolerances for the active ingredient have been established, a 12-month plant-back interval is required.

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Foliar Application To Ornamental trees, Nonbearing Fruit and Nut Trees, Shrubs, Evergreens, Flowers, Foliage Plants, Groundcovers, Interior Plantscapes <i>(Only for in and around the perimeter of Industrial, Commercial Buildings, Residential and Landscaped Areas)</i>		
Pest	Rate per Application	Comments
Adelgids Aphids Honeylocust plant bug Diptera (including Rhododendron gall midge, Honeylocust pod gall midge) Froghopper Galls (including Hickory stem gall) Japanese beetle Lace bugs Leaf beetles (including elm and viburnum leaf beetles) Leafhoppers (including glassy-winged sharpshooter) Leaf miners (including boxwood leafminer) Mealybugs Planthoppers Psyllids Sawfly larvae Scales (including Lecanium, Azalea bark, Calico, Cottony Camellia, Cottony maple, Cottony taxus) Spittlebugs Thrips (suppression)(including Flower, Pear, and Pine thrips) Treehoppers Weevils (including white pine and black vine) Whiteflies	1.5 fl. oz. (45 mL) per 100 gal. of water	Make foliar applications before high pest populations become established. Reapply on an as needed basis.
Broadcast Application		
Pest	Rate per Application	Comments
White grub larvae (such as Japanese beetle larvae, Chafers, Phyllophaga spp., Asiatic garden beetle, Oriental beetle)	0.46 to 0.6 fl. oz. (14 to 17 mL) per 1,000 sq. ft.	<ul style="list-style-type: none"> • Make broadcast applications by mixing specified rate in enough water to uniformly cover the treated area. • Do not use less than 2 gallons of water per 1,000 sq. ft. • In order to move the active ingredient through the thatch, irrigate if rainfall does not occur within 24 hours after application.
Note: Refer to use directions specific for FLOWERS and GROUND COVERS concerning additional use directions.		
Restriction: Do not apply more than 25.6 fl. oz. (1.6 pints) (0.4 lb. of active ingredient) per acre per year.		

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Soil Application to Ornamental trees, Nonbearing Fruit and Nut Trees, Shrubs, Flowers and Groundcovers (Only in and around perimeter of industrial and commercial buildings and residential areas, and state, national, and private wooded and forested areas)		
Use Site	Pest	Rate per Application*
Ornamental trees, Nonbearing Fruit and Nut Trees, Shrubs, Flowers and Groundcovers	Adelgids	Trees: Use the following rates as a function of tree diameter at breast height (DBH): <ul style="list-style-type: none"> Apply 0.1 to 0.4 fl. oz. per inch of trunk diameter (D.B.H.) You may use the higher rate (0.3 – 0.4 fl. oz.) only for trees greater than 15 DBH to control the following pests: Emerald Ash borer, Eucalyptus longhorned borer, Bronze birch borer, Alder borer
	Aphids	
	Armored scales (suppression)	Restriction: Do not apply more than 25.6 fl. oz. (1.6 pints) (0.4 lb. of active ingredient) per acre per year.
	Black vine weevil larvae	
	Eucalyptus longhorned borer	Shrubs: Apply 0.1 to 0.2 fl. oz. (3 to 6 mL) per foot of shrub height.
	Flatheaded borers (including bronze, alder and emerald ash borers)	
	Japanese beetles	Flowers and Groundcovers: <ul style="list-style-type: none"> Apply 0.46 to 0.6 fluid ounces (14 to 17 mL) per 1000 sq. ft. Apply as a broadcast treatment and incorporate into the soil before planting or apply after plants are established. If application is made to established plants, irrigate immediately after application.
	Lace bugs	
	Leaf beetles (including elm and viburnum leaf beetles)	<ul style="list-style-type: none"> *Diameter at Breast Height (DBH) is measured at 4.5 feet from the ground.
	Leafhoppers (including glassy-winged sharpshooter)	
	Leafminers	
	Mealybugs	
	Pine tip moth larvae	
	Plant bugs	
	Psyllids	
	Roundheaded borers	
	Royal palm bug	
	Sawfly larvae	
	Soft scales	
	Thrips (suppression)	
	White grub larvae	
	Whiteflies	



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Application Techniques: Trees

Soil Injection

Mix required dosage in sufficient water to inject an equal amount of solution in each hole. For concentrate injectors mix required dose with up to one gallon of water per DBH inch. Maintain a low pressure and use sufficient solution for distribution of the liquid into the treatment zone. Dilution rate may vary depending on equipment used, tree size and application rate. Refer to the instructions for injector equipment being used for guidance.

- **GRID SYSTEM:** Make applications in a grid pattern on 2.5 foot centers within the drip line of the tree.
- **CIRCLE SYSTEM:** Make applications in holes evenly spaced approximately 2 -3 feet apart in a circle within the drip line of the tree. Larger trees may require additional application circles.
- **BASAL SYSTEM:** Make applications into holes evenly spaced around the base of the tree trunk no more than 6 to 12 inches out from the base.

Soil Drench

Uniformly apply the dosage in no less than 10 gallons of water per 1,000 square feet as a drench around the base of the tree, directed to the root zone. Remove any plastic or other barrier that may prevent drench solution from reaching the root zone.

For All Application Techniques:

- Inject an equal amount of water and solution in each hole.
- Use low pressure and sufficient solution for thorough distribution into the treatment zone.
- Maintain soil moisture for 7 to 10 days.
- Application to trees already heavily infested with borers listed may not prevent the eventual loss of the trees.

Restrictions for Trees:

- **Do not** use less than 4 holes per tree.
- No soil injection applications allowed in Nassau or Suffolk counties of New York
- **Do not** apply more than 25.6 fl. oz. (1.6 pints) (0.4 lb. of active ingredient) per acre per year.

Application Techniques: Shrubs

Soil Injection:

Apply to individual plants using dosage indicated.

Soil Drench:

Uniformly apply the dosage in no less than 10 gallons of water per 1,000 square feet as a drench around the base of the shrub, directed to the root zone. Remove plastic or any other barrier that will stop solution from reaching the root zone.

- Mix required dosage in sufficient water to inject an equal amount of solution in each hole.
- Maintain a low pressure and use sufficient solution for distribution of the liquid into the treatment zone.
- Maintain soil moisture for 7 to 10 days.

Restrictions for Shrubs:

- **Do not** use less than 4 holes per shrub.
- No soil injection applications allowed in Nassau or Suffolk counties of New York
- **Do not** apply more than 25.6 (1.6 pints) (0.4 lb. of active ingredient) per acre per year.

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Crop	Pest	Rate per Application
Pome Fruits Apple, Crabapple, Loquat, Mayhaw, Pear, Pear (Oriental), Quince <i>(For Residential Areas Only)</i>	Aphids(except Woolly apple aphid) Leafhoppers (including glassy-winged sharpshooter) Leafminer Mealybugs San Jose scale	1.5 fl. oz. (45 mL) per 100 gal. or 6.0 fl. oz. per acre

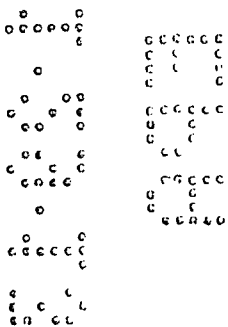
Notes:

- Apply specified dosage as foliar spray as needed after petal-fall is complete.
- For control of rosy apple aphid, apply prior to leafrolling caused by the pest.
- For first generation leafminer control, make first application as soon as petal fall is complete. Greatest leafminer control will result from the earliest possible application. For second and succeeding generations of leafminer, optimal control is obtained from applications made early in the adult flight against egg and early instar larvae. A second application may be required 10 days later if severe pressure continues or if generations are overlapping. A single application may result in suppression only. DELPHI INSECTICIDE will not control late stage larvae.
- For San Jose scale, time applications to the crawler stage. Treat each generation.
- For late season (preharvest) control of leafhopper species, apply DELPHI INSECTICIDE while most leafhoppers are in the nymphal stage.
- For optimal control of mealybug, insure good spray coverage of the trunk and scaffolding limbs or other resting sites of the mealybug.

Restrictions:

- Do not apply more than 6.0 fluid ounces per acre in a single application.
- Do not make more than 4 applications per acre per year.
- Do not apply more than 25.6 fl. oz. (0.4 lb. of AI) per acre per year.
- Allow 10 or more days between applications.
- Allow at least 7 days between last application and harvest.
- Do not apply pre bloom or when bees are actively foraging.

*Not for use in California for control on pears.



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Crop	Pest	Rate per Application
PECAN* (For Residential Areas Only)	Black margined aphid Pecan leaf phylloxera Pecan spittlebug Pecan stem phylloxera Yellow pecan aphid	1.5 fl. oz. (45 ml) per 100 gal. or 6.0 fl. oz./A. ¹

Notes:

- Apply specified dosage as foliar application as pest pressure begins to increase.
- Make a second application 10 to 14 days after first if field scouting reveals continued pest pressure.
- Use of an organosilicone based spray adjuvant at specified rate can insure thorough coverage of foliage.

Restrictions:

- **Do not** apply more than a total of 18.0 fluid ounces of DELPHI INSECTICIDE per acre per year.
- **Do not** make more than 3 applications.
- Allow 10 or more days between applications.
- **Do not** apply pre bloom or when bees are actively foraging
- **Do not** use on pecans in California unless directed by state specific supplemental labeling

¹The amount of Sharda Imidacloprid 2SC required per acre may vary depending on tree size and volume of foliage present. The rates given are based on a standard of 400 gallons of dilute spray solution per acre for large trees with full foliage.

Crop	Pest	Rate per Application
Grapes (For use only in and around perimeter of Industrial, Commercial Buildings, and Residential Planting Areas)	Leafhoppers (including glassy-winged sharpshooter) Mealybugs	1.5 fl. oz. (45 mL) per 100 gal. or 3.0 fl. oz./A

Note:

- Apply specified dosage as a foliar spray using 200 gallons of water per acre.
- Applications may be applied up to and including day of harvest.

Restrictions:

- Do not apply more than a total of 6.0 ounces of DELPHI INSECTICIDE per acre per year.
- Allow at least 14 days between applications.

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