

Sharda Imidacloprid 75 WP T&O Insecticide

Foliar and Systemic insect control in turfgrass (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* WT. BY % 75.0%

OTHER INGREDIENTS: 25.0%

TOTAL: 100.0%

STOP – READ THE LABEL BEFORE USE KEEP OUT OF REACH OF CHILDREN CAUTION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you **DO NOT** understand the label, find someone to explain it to you in detail.)

FIRST AID	
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 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 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.
NOTE TO PHYSICIAN: No specific antidote is available. Treat the patient symptomatically.	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For 24-hour medical emergency assistance (human or animal) call 1-800-222-1222 . For chemical emergency assistance (spill, leak, fire, or accident) call: CHEMTREC 1-800-424-9300 .	

See label booklet for complete Precautionary Statements,
Directions For Use, and Storage and Disposal.

Manufactured For:

Sharda USA LLC 

7217 Lancaster Pike, Suite A
Hockessin, Delaware 19707

EPA Reg. No. 83529-366

EPA Est. No. **GH** 70815-GA-001; **MA** 83411-MN-001;

MC 89332-GA-001; **SC** 39578-TX-001; **TX** 07401-TX-001

The EPA Establishment Number is identified by the circled letters above that match the first two letters in the batch number.

Net Contents: 4 x 1.6 oz.

Precautionary Statements

Hazards to Humans and Domestic Animals

CAUTION

Harmful if swallowed, inhaled, or absorbed through the skin. Causes eye irritation. Avoid contact with skin, eyes, or clothing. Avoid breathing dust or vapor. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash prior to reuse. Keep children and/or pets away from treated areas until spray is dry.

PERSONAL PROTECTIVE EQUIPMENT

WPS USES: Applicators and Other Handlers who handle this product for any use covered by the Worker Protection Standard (40 CFR Part 170) – in general, agricultural plant uses e.g., use in sod farms, 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, poly-ethylene, polyvinylchloride (PVC) or viton
- Shoes plus socks

NON-WPS USES: Applicators and other handlers who handle this product for any use **NOT** covered by the Worker Protection Standard (40 CFR Part 170) – in general, only agricultural plant uses are covered by the WPS, must wear:

- Shirt and long pants
- Gloves
- Shoes plus socks

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. **DO NOT** reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering Controls Statements

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

Users should:

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

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/plants or weeds. **DO NOT** apply this product or allow it to drift to blooming crops/plants or weeds if bees are foraging 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.

PROTECTION OF POLLINATORS



APPLICATION RESTRICTIONS EXIST FOR THIS PRODUCT BECAUSE OF RISK TO BEES AND OTHER INSECT POLLINATORS. FOLLOW APPLICATION RESTRICTIONS FOUND IN THE DIRECTIONS FOR USE TO PROTECT POLLINATORS.



Look for the bee hazard icon in the Directions for Use for each application site for specific use restrictions and instructions to protect bees and other insect pollinators.

This product can kill bees and other insect pollinators.

Bees and other insect pollinators will forage on plants when they flower, shed pollen, or produce nectar.

Bees and other insect pollinators can be exposed to this pesticide from:

- o Direct contact during foliar applications, or contact with residues on plant surfaces after foliar applications
- o Ingestion of residues in nectar and pollen when the pesticide is applied as a seed treatment, soil, tree injection, as well as foliar applications.

When Using This Product Take Steps To:

- o Minimize exposure of this product to bees and other insect pollinators when they are foraging on pollinator attractive plants around the application site.
- o Minimize drift of this product on to beehives or to off-site pollinator attractive habitat. Drift of this product onto beehives or off-site to pollinator attractive habitat can result in bee kills.

Information on protecting bees and other insect pollinators may be found at the Pesticide Environmental Stewardship website at:

<http://pesticidestewardship.org>.

Pesticide incidents (for example, bee kills) should immediately be reported to the state/tribal lead agency. For contact information for your state, go to: www.aapco.org Pesticide incidents should also be reported to the National Pesticide Information Center at: www.npic.orst.edu or directly to EPA at: beekill@epa.gov

DO NOT FORMULATE THIS PRODUCT INTO OTHER END-USE PRODUCTS.

DIRECTIONS FOR USE

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

See individual crops for specific pollinator protection application restrictions. If none exist under the specific crop, for outdoor foliar applications, follow these application directions for crops & commercially grown ornamentals that are attractive to pollinators and non-agricultural use sites.

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.

For crops under contract pollinator services:

DO NOT apply this product while bees are foraging. Do not apply this product until flowering is complete and all petals have fallen unless the following condition has been met. If an application must be made when managed bees are at the treatment site, the beekeeper providing the pollination services must be notified no less than 48 hours prior to the time of the planned application so that the bees can be removed, covered or otherwise protected prior to application.

For foliar spray application to crops not under contract pollinator services:

DO NOT apply this product while bees are foraging. **DO NOT** apply this product until flowering is complete and all petals have fallen off unless the application is made in response to a public health emergency declared by appropriate State or Federal authorities.

DO NOT apply by ground within 25 feet, or by air within 150 feet of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries and commercial fish farm ponds.

VEGETATIVE FILTER STRIPS

Construct and maintain a vegetative filter strip, according to the width specified below, of grass or other permanent vegetation between the field edge and nearby down gradient aquatic habitat (such as, but not limited to, lakes; reservoirs; rivers; permanent streams; marshes or natural ponds; estuaries; and commercial fish farm ponds).

Only apply products containing imidacloprid onto fields where a maintained vegetative filter strip of at least 10 feet exists between the field edge and where a down gradient aquatic habitat exists.

Western irrigated agriculture is exempt from this requirement. Western irrigated agriculture is defined as irrigated farmland in the following states: WA, OR, CA, ID, NV, UT, AZ, MT, WY, CO, NM, and TX (west of I-35).

For further guidance on vegetated filter strips, refer to the following publication for information on constructing and maintaining effective buffers: Conservation Buffers to Reduce Pesticide Losses. Natural Resources Conservation Services. https://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs144p2_030970.pdf



NON-AGRICULTURAL SITES:

DO NOT apply while bees are foraging. **DO NOT** apply this product to plants that are flowering. Only apply after all flower petals have fallen off.

Use **Sharda Imidacloprid 75 WP T&O Insecticide** as directed for sod farm production and on turfgrass and ornamentals on: residential home lawns, business and office complexes, shopping complexes, multi-family residential complexes, golf courses, airports, cemeteries, parks, playgrounds, and athletic fields.

Sharda Imidacloprid 75 WP T&O Insecticide can be used by soil application as directed on trees, shrubs, flowers and groundcovers in sites: in and around the perimeter of industrial and commercial buildings; residential areas; interior plant-scapes; municipal, city, state and national forested areas, and private wooded areas.

RESTRICTION: NOT for use in commercial greenhouses, nurseries, or on grasses grown for seed, or on commercial fruit and nut trees.

All outdoor spray applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:

1. Application to soil, lawn, turf, and other vegetation.
2. Perimeter band treatments of 7 feet wide or less from the base of a man-made structure to pervious surfaces (e.g., soil, mulch, or lawn)
3. Applications to the side of a man-made structure, up to 2 feet above ground level;
4. Applications to underside of eaves, soffits, doors, or windows permanently protected from rainfall by a covering, overhang, awning, or other structure;
5. Applications around potential exterior pest entry points into man-made structures such as doorways and windows, when limited to a band not to exceed one inch;
6. Applications to vertical surfaces directly above pervious surfaces such as bare soil, lawn, turf, mulch or other vegetation, and not over a hard impervious surface (e.g., driveways, sidewalks), drainage, or other condition that could result in runoff into storm drains, drainage ditches, gutters, or surface waters, to control occasional invaders or aggregating pests.

DO NOT apply directly to impervious horizontal surfaces such as sidewalks, driveways, and patios except as a spot or crack-and-crevice treatment.

DO NOT apply or irrigate to the point of run-off.

DO NOT make applications during rain. Avoid making applications when rainfall is expected within 24 hours to allow product sufficient time to dry.

Excessive rainfall within 24 hours after application may cause unintended run-off of pesticide application.

Mixing/Loading Water Soluble Packages

Instructions for Introducing Water Soluble Packages Directly into Spray tanks:

Soluble Packages (WSPs) are designed to dissolve in water. Agitation may be used, if necessary, to help dissolve the WSP. Failure to follow handling and mixing instructions can increase your exposure to the pesticide products in WSPs. WSPs, when used properly, qualify as a closed mixing/loading system under the Agricultural Worker Protection Standard [40 CFR 170.607(d)].

Handling Instructions Follow these steps when handling pesticide products in WSPs.

1. Mix in spray tank only.
2. Handle the WSP in a manner that protects package from breakage and/or unintended release of contents. If package is broken, put on PPE required for clean-up and then continue with mixing instructions.
3. Keep the WSP in outer packaging until just before use.
4. Keep the WSP dry prior to adding to the spray tank.
5. Handle with dry gloves and according to the label instructions for PPE.
6. Keep the WSP intact. **DO NOT** cut or puncture the WSP.
7. Reseal the WSP outer packaging to protect any unused WSP(s).

Mixing Instructions

Follow the steps below when mixing this product, including if it is tank-mixed with other pesticide products. If being tank-mixed, the mixing directions 1 through 9 below take precedence over the mixing directions of the other tank mix products. WSPs may, in some cases, be mixed with other pesticide products so long as the directions for use of all the pesticide product components do not conflict. **DO NOT** tank-mix this product with products that prohibit tank-mixing or have conflicting mixing directions.

1. If a basket or strainer is present in the tank hatch, remove prior to adding the WSP to the tank.
2. Fill tank with water to approximately one-third to one-half of the desired final volume of spray.
3. Stop adding water and stop any agitation.
4. Place intact/unopened WSP into the tank.
5. **DO NOT** spray water from a hose or fill pipe to break or dissolve the WSP.
6. Start mechanical and recirculation agitation from the bottom of tank without using any overhead recirculation, if possible. If overhead recirculation cannot be turned off, close the hatch before starting agitation.
7. Dissolving the WSP may take up to 5 minutes or longer, depending on water temperature, water hardness and intensity of agitation.
8. Stop agitation before tank lid is opened.
9. Open the lid to the tank, exercising caution to avoid contact with dusts or spray mix, to verify that the WSP has fully dissolved and the contents have been thoroughly mixed into the solution.
10. **DO NOT** add other allowed products or complete filling the tank until the bags have fully dissolved and pesticide is thoroughly mixed.
11. Once the WSP has fully dissolved and any other products have been added to the tank, resume filling the tank with water to the desired level, close the tank lid, and resume agitation.
12. Use the spray solution when mixing is complete.
13. Maintain agitation of the diluted pesticide mix during transport and application.
14. It is unlawful to use any registered pesticide, including WSPs, in a manner inconsistent with its label.

Engineering Controls Statements

Water-soluble packets, when used correctly qualify as a closed mixing/loading system under the WPS. Mixers and loaders handling this product while it is enclosed in intact water-soluble packets may elect to wear reduced PPE of long-sleeved shirt, long pants, shoes, and socks instead of listed PPE.

When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for "applicators and other handlers" and have such PPE immediately available for use in an emergency, such as a spill or equipment break-down.

MANDATORY SPRAY DRIFT MANAGEMENT

Ground Boom Applications:

- User must only apply with the release height recommended by the manufacturer, but no more than 4 feet above the ground or crop canopy.
- Applicators are required to use a medium or coarser droplet size (ASABE S572.1).
- **DO NOT** apply when wind speeds exceed 15 miles per hour at the application site.
- **DO NOT** apply during temperature inversions.

Boomless Ground Applications:

- Applicators are required to use a medium or coarser droplet size (ASABE S572.1) for all applications.
- **DO NOT** apply when wind speeds exceed 15 miles per hour at the application site.
- **DO NOT** apply during temperature inversions.

SPRAY DRIFT ADVISORIES

THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT. BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS.

The interaction of many equipment- and weather-related factors determine the potential for spray drift. The applicator is responsible for considering all of these factors when making application decisions. Avoiding spray drift is the responsibility of the applicator.

Importance of Droplet Size

An effective way to reduce spray drift is to apply large droplets. Small droplets (<150 - 200 microns) drift to a greater extent than large droplets. Within typical equipment specifications, applications should be made to deliver the largest droplet spectrum that provides sufficient control and coverage. Formation of very small droplets may be minimized by appropriate nozzle selection, by orienting nozzles away from the airstream as much as possible and by avoiding excessive spray boom pressure. While applying larger droplets will reduce spray drift, the potential for drift will be greater if applications are made improperly or under unfavorable environmental conditions.

Controlling Droplet Size – Ground Boom

- Volume - Increasing the spray volume so that larger droplets are produced will reduce spray drift. Use the highest practical spray volume for the application. If a greater spray volume is needed, consider using a nozzle with a higher flow rate.
- Pressure - Use the lowest spray pressure recommended for the nozzle to produce the target spray volume and droplet size.
- Spray Nozzle - Use a spray nozzle that is designed for the intended application. Consider using nozzles designed to reduce drift.

BOOM HEIGHT – Ground Boom

For ground equipment, the boom should remain level with the crop and have minimal bounce.

SHIELDED SPRAYERS

Shielding the boom or individual nozzles can reduce spray drift. Consider using shielded sprayers. Verify that the shields are not interfering with the uniform deposition of the spray on the target area.

TEMPERATURE AND HUMIDITY

When making applications in hot and dry conditions, use larger droplets to reduce effects of evaporation.

TEMPERATURE INVERSIONS

Drift potential is high during a temperature inversion. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. The presence of an inversion can be indicated by ground fog or by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing. Avoid applications during temperature inversions.

WIND

Drift potential generally increases with wind speed. AVOID APPLICATIONS DURING GUSTY WIND CONDITIONS. Applicators need to be familiar with local wind patterns and terrain that could affect spray drift.

Boomless Ground Applications:

Setting nozzles at the lowest effective height will help to reduce the potential for spray drift.

Handheld Technology Applications:

Take precautions to minimize spray drift.

Mixing and Loading Requirements

To avoid potential contamination of groundwater, use a properly designed and maintained containment pad for mixing and loading of any pesticide into application equipment. If containment pad is not used, maintain a minimum distance of 25 feet between mixing and loading area and potential surface to groundwater conduits such as field sumps, uncased well heads, sinkholes, or field drains.

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, including 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, polyvinylchloride (PVC) or viton
- Shoes plus socks

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/or pets off treated areas until dry.

INSECT RESISTANCE MANAGEMENT

For resistance management, **Sharda Imidacloprid 75 WP T&O Insecticide** contains a Group 4A insecticide. Any insect population may contain individuals naturally resistant to **Sharda Imidacloprid 75 WP T&O Insecticide** and other Group 4A insecticides. The resistant individuals may dominate the insect population if this group of insecticides are used repeatedly in the same fields. Appropriate resistance-management strategies should be followed.

To delay insecticide resistance, take the following steps:

- Rotate the use of **Sharda Imidacloprid 75 WP T&O Insecticide** within a growing season, or among growing seasons, with different groups that control the same pests.
- Use tank mixtures with insecticides from a different group that are equally effective on the target pest when such use is permitted. **DO NOT** rely on the same mixture repeatedly for the same pest population. Consider any known cross-resistance issues for the targeted pests between the individual components of a mixture. In addition, consider the following recommendations provided by the Insecticide Resistance Action Committee (IRAC):
 - o Individual insecticides selected for use in mixtures should be highly effective and be applied at the rates at which they are individually registered for use against the target species.
 - o Mixtures with components having the same IRAC mode of action classification are not recommended for insect resistance management.
 - o When using mixtures, consider any known cross-resistance issues between the individual components for the targeted pest(s).
 - o Mixtures become less effective if resistance is already developing to one or both active ingredients, but they may still provide pest management benefits.
 - o The insect resistance management benefits of an insecticide mixture are greatest if the two components have similar periods of residual insecticidal activity. Mixtures of insecticides with unequal periods of residual insecticide activity may offer an insect resistance management benefit only for the period where both insecticides are active.
- Adopt an integrated pest management program for insecticide/acaricides use that includes scouting, uses historical information related to pesticide use, crop rotation, record keeping, and which considers cultural, biological and other chemical control practices.
- Monitor after application for unexpected target pest survival. If the level of survival suggests the presence of resistance, consult with your local university specialist or certified pest control advisor.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for the specific site and pest problems in your area.
- For further information or to report suspected resistance contact Sharda USA, LLC.

NOTE: 1 level teaspoon = 1.4 grams **Sharda Imidacloprid 75 WP T&O Insecticide**;
3 level teaspoons = 1 level Tablespoon

Application to Turfgrass

Sharda Imidacloprid 75 WP T&O Insecticide will control the following soil inhabiting pests 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>Matadera castanea</i>
European chafer	<i>Rhizotroqus majalis</i>
Green June beetle	<i>Cotinis nitida</i>
May or June beetle	<i>Phyllophaga</i> spp.
Japanese beetle	<i>Popillia japonica</i>
Oriental beetle	<i>Anomala orientalis</i>
Billbugs	<i>Sphenophorus</i> spp.
Annual bluegrass weevil	<i>Hyperodes</i> spp.
Black turfgrass ataenius	<i>Ataenius spretulus</i> and <i>Aphodius</i> spp.
European Crane Fly	<i>Tipula paludosa</i>
Mole crickets	<i>Scapteriscus</i> spp.

Sharda Imidacloprid 75 WP T&O Insecticide will provide suppression of cutworms and chinch bugs.

Sharda Imidacloprid 75 WP T&O Insecticide has adequate residual activity 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. Sufficient irrigation or rainfall is required to move imidacloprid through the thatch. **DO NOT** apply when infested turfgrass areas are waterlogged or soil beneath turf is saturated with water. These conditions prevent thorough and consistent distribution. Best results are achieved 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. **DO NOT** exceed a total of 8.6 ounces application (0.4 lb. of active ingredient) per acre per calendar year.

APPLICATION EQUIPMENT FOR USE ON TURFGRASS

Sharda Imidacloprid 75 WP T&O Insecticide should be diluted 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. Calibration should be performed on a regular basis to ensure that equipment is distributing product properly.

Intended for use by professional applicators.

For both foliar spray and soil drench: maximum annual application rate is not to exceed 0.30 lb. a.i./A/yr.

APPLICATION TO ORNAMENTALS

Sharda Imidacloprid 75 WP T&O Insecticide can be applied to ornamental plants in commercial and residential landscapes and interior plantscapes. **Sharda Imidacloprid 75 WP T&O Insecticide** is a systemic insecticide that is transported within the plant system from the roots to upper foliage. **Sharda Imidacloprid 75 WP T&O Insecticide** must be applied 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.

For outdoor ornamentals, broadcast applications cannot exceed a total of 8.6 ounces (0.4 lb. of active ingredient) per acre per calendar year.

ANT MANAGEMENT PROGRAMS

Using **Sharda Imidacloprid 75 WP T&O Insecticide** to control aphids, scale insects, mealybugs and other sucking pests on ornamentals will limit 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.

Not for use in commercial greenhouses, nurseries, or on grasses grown for seed, or on commercial fruit and nut trees.

APPLICATION EQUIPMENT FOR FOLIAR APPLICATIONS

Sharda Imidacloprid 75 WP T&O Insecticide mixes readily with water and may be used in many types of application equipment. Mix product with the required amount of water and apply as desired dependent upon the selected use pattern. Add a commercial spreader/sticker promote coverage on hard to wet foliage such as holly, pine, or ivy. **Sharda Imidacloprid 75 WP T&O 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, physical compatibility should be checked by making a small clear jar test using correct proportions of products to be tank mixed.

DO NOT apply through any irrigation system.

APPLICATIONS FOR TURFGRASSES IN RESIDENTIAL, COMMERCIAL, AND INDUSTRIAL AREAS	
For larval insect control around Residential home lawns, businesses and office complexes, shopping complexes, multi-family residential complexes, golf courses, airports, cemeteries, parks, playgrounds, and athletic fields.	
Pest	Application Rates
Annual bluegrass weevil Asiatic garden beetle Billbug Black turfgrass atenauius Cutworms (suppression) European chafer European Crane Fly Green June beetle Japanese beetle Northern masked chafer Oriental beetle <i>Phyllophaga</i> spp. Southern masked chafer	5.4 to 8.6 ounces per acre (2.5 to 4 level teaspoons per 1,000 sq. ft.)
Chinch bugs (suppression) Mole crickets	8.6 oz. per acre or (4 level teaspoons per 1000 sq. ft.)
Note: Make application prior to egg hatch of grubs, billbugs, annual bluegrass weevil, and European Crane Fry to maximize control. For suppression of chinchbugs, make application before the hatching of the first instar nymphs. For control of mole crickets make application before or during the peak egg hatch period. If adults or large nymphs are actively tunneling, Sharda Imidacloprid 75 WP T&O Insecticide application should be combined with a curative insecticide. Follow label instructions for other insecticides when tank-mixing. Consult your local State Agricultural Experiment Station, or State Extension Turf Specialists for more specific information regarding timing of application. For optimum control, if rainfall does not occur within 24 hours after application, irrigate to move the active ingredient through the thatch.	
Restrictions: • DO NOT graze treated areas or use clippings from treated areas for feed or forage. • DO NOT mow turf or lawn area until after sufficient irrigation or rainfall has occurred so that uniformity of application will not be affected. • DO NOT allow runoff or puddling of irrigation water following application. • DO NOT allow this product to contact plants in bloom while bees are foraging the treatment area. • DO NOT apply Sharda Imidacloprid 75 WP T&O Insecticide to areas which are water logged or saturated, which will not allow penetration into the root zone of the plant. • Maximum annual application rate regardless of application method for turf and sod is not to exceed 0.34 lb. a.i. per acre per calendar year. • Keep children and/or pets off treated areas until dry.	

SOD FARMS Turfgrasses (Sod Farms)	
Pest	Application Rates
Larvae of: Annual bluegrass weevil Asiatic garden beetle Billbug Black turfgrass ataenius Cutworms (suppression) European chafer European Crane Fly Green June beetle Japanese beetle Northern masked chafer Oriental beetle <i>Phyllophaga</i> spp. Southern masked chafer	5.4 to 8.6 oz. per acre or 2.5 to 4 level teaspoons per 1000 sq. ft.
Chinch bugs (suppression) Mole crickets	8.6 oz. per acre or (4 level teaspoons per 1000 sq. ft.)
Note: Make application prior to egg hatch of grubs, billbugs, annual bluegrass weevil, and European Crane Fry to maximize control. For suppression of chinchbugs, make application before the hatching of the first instar nymphs. For control of mole crickets make application before or during the peak egg hatch period. If adults or large nymphs are actively tunneling, Sharda Imidacloprid 75 WP T&O Insecticide application should be combined with a curative insecticide. Follow label instructions for other insecticides when tank-mixing. Consult your local State Agricultural Experiment Station, or State Extension Turf Specialists for more specific information regarding timing of application. For optimum control for sod farm use, if rainfall does not occur within 24 hours after application, irrigate to move the active ingredient through the thatch.	
Restrictions: - Maximum annual application rate regardless of application method for sod is not to exceed 0.34 lbs. a.i. per acre per calendar year. DO NOT allow this product to contact plants in bloom while bees are foraging the treatment area. DO NOT use for seed production. DO NOT allow runoff or puddling of irrigation water following application. DO NOT apply Sharda Imidacloprid 75 WP T&O Insecticide to areas which are water logged or saturated, which will not allow penetration into the root zone of the plant.	

APPLICATIONS FOR OUTDOOR ORNAMENTALS IN RESIDENTIAL, COMMERCIAL, AND INDUSTRIAL LANDSCAPE AREAS
Trees, Shrubs, Evergreens, Flowers, Foliage Plants, Groundcovers

Pest	Sharda Imidacloprid 75 WP T&O Insecticide Dilution Table	
	Level Teaspoons	Gallons of Water
Adelgids (Including hemlock wooly adelgid)		
Aphids		
Leaf-feeding beetles	0.25	2.5
(Including Japanese beetles, emerald ash borer and vine weevil adults)	0.5	5
Leaf-feeding bugs		
(Including lace bugs, leaf bugs and plant bugs)	1.0	10
Leafhoppers, planthoppers, sharpshooters		
(Including glassy-winged sharpshooter and spittle bugs)	2.5	25
Mealybugs	5.0	50
Psylliads		
Sawfly larvae	10	100
Thrips (suppression)		
Whiteflies		
White grub larvae (such as Japanese beetle larvae, Chafers, <i>Phyllophaga</i> spp., Asiatic garden beetle, Oriental beetle)	3 to 4 level teaspoons per 1000 sq. ft.	
Note: Make foliar applications before high pest populations become established. Reapply on an as needed basis. 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. If necessary, irrigate thoroughly to incorporate Sharda Imidacloprid 75 WP T&O Insecticide into the upper soil profile. Refer to use directions specific for FLOWERS and GROUND COVERS concerning additional use directions.		
Restrictions: - Follow application restrictions for Non-Agricultural Uses to protect bees and other insect pollinators DO NOT apply more than 8.6 oz. (0.4 lb. of active ingredient) per acre per calendar year. DO NOT apply this product, by any application method, to linden, basswood, or other <i>Tilia</i> spp. - Keep children and pets off treated area until dry.		

APPLICATIONS FOR PLANTS GROWN INDOORS		
Interior plantscapes		
Pest	Sharda Imidacloprid 75 WP T&O Insecticide Dilution Table	
	Level Teaspoons	Gallons of Water
Adelgids (Including hemlock wooly adelgid)		
Aphids		
Leaf-feeding beetles	0.25	2.5
(Including Japanese beetles, emerald ash borer and vine weevil adults)	0.5	5
Leaf-feeding bugs	1.0	10
(Including lace bugs, leaf bugs and plant bugs)		
Leafhoppers, planthoppers, sharpshooters	2.5	25
(Including glassy-winged sharpshooter and spittle bugs)		
Mealybugs	5.0	50
Psyllids		
Sawfly larvae	10	100
Thrips (suppression; foliage only)		
Whiteflies		
White grub larvae (such as Japanese beetle larvae, Chafers, <i>Phyllophaga</i> spp., Asiatic garden beetle, Oriental beetle)	3 to 4 level teaspoons per 1000 sq. ft.	
Note: Make foliar applications before high pest populations become established. Reapply on an as needed basis. 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. If necessary, irrigate thoroughly to incorporate Sharda Imidacloprid 75 WP T&O Insecticide into the upper soil profile. Refer to use directions specific for FLOWERS and GROUND COVERS concerning additional use directions.		
Restrictions: • Not for use in commercial greenhouses.		

APPLICATIONS FOR TREES, SHRUBS BY SOIL DRENCH AND SOIL INJECTION

Only in and around the perimeter of Industrial and Commercial Buildings, in Residential and Recreational Areas, and in Municipal, City, State, National, and Private, Wooded and Forested Areas.

Pest	Application Rate & Instructions
Thrips (suppression; foliage only) Psyllids White grub, billbug, and root weevil larvae Leafhoppers, planthoppers, sharpshooters (including glassy-winged sharpshooter) and spittle bugs Royal Palm Bugs Whiteflies Flatheaded borers (including emerald ash borer) Adelgids (including hemlock woolly adelgid) Leafminers Sawfly larvae Aphids Leaf-feeding bugs (including lace bugs, leaf bugs, and plant bugs) Mealybugs Soft scales Armored scales (including: camellia, false oleander, Florida red, oystershell, tea, and white peach scale) Leaf-feeding beetles (including Japanese beetles and vine weevil adults) Pine tip moth larvae Roundheaded borers (including Asian longhorned beetle)	TREES Apply 0.7 to 1.4 level teaspoons of Sharda Imidacloprid 75 WP T&O Insecticide per inch of trunk diameter (D.B.H.) OR 1 to 2 ounces per cumulative inches of trunk diameter. Soil Injection: 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: Apply 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. Any plastic or other barrier that may prevent drench solution from reaching the root zone must be removed. SHRUBS Apply 0.7 to 1.4 level teaspoons Sharda Imidacloprid 75 WP T&O Insecticide per foot of shrub height OR 1 to ounces per 30 cumulative feet of shrub height. Soil Injection: Apply to individual plants using dosage Indicated. Soil Drench: 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.
Note: Mix required dosage in sufficient water to inject an equal amount of 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: • DO NOT use less than 4 holes per tree or shrub • DO NOT apply Sharda Imidacloprid 75 WP T&O Insecticide to areas which are water logged or saturated, which will not allow penetration into the root zone of the plant. • DO NOT apply more than 8.6 oz. (0.4 lb. of active ingredient) per acre per calendar year. • DO NOT apply this product, by any application method, to linden, basswood, or other <i>Tilia</i> spp. • DO NOT apply as a Soil Injection in Nassau or Suffolk Counties of New York. • Keep children and pets off treated area until dry.	

FOLIAR APPLICATION TO POME FRUITS			
Only in Residential Areas			
CROP	PEST	APPLICATION RATE	
Pome Fruits Apple Crabapple Loquat Mayhaw Pear Pear (oriental) Quince	Aphids (except Woolly apple aphid) Leafhoppers (including glassywinged sharpshooter) Leafminer Mealybugs* San Jose scale*	0.5 oz. (10 tsp. per 100 gallons)	2.0 oz. per acre ¹
Note: ¹ The amount of Sharda Imidacloprid 75 WP T&O Insecticide required per acre will depend on tree size and volume of foliage present. The rate per acre is based on a standard of 400 gallons of dilute spray solution per acre for large trees. 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. Sharda Imidacloprid 75 WP T&O 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 Sharda Imidacloprid 75 WP T&O Insecticide while most leafhoppers are in the nymphal stage. For optimal control of mealybug, ensure good spray coverage of the trunk and scaffolding limbs or other resting sites of the mealybug.			
Restrictions: - Follow application restrictions for Non-Agricultural Uses to protect bees and other insect pollinators. DO NOT apply more than 2 oz. per acre in a single application. DO NOT make more than 5 applications. DO NOT apply more than 0.4 lb. active ingredient per acre per calendar year. - Allow 10 or more days between applications. - Allow at least 7 days between last application and harvest. - Keep children and pets off treated area until dry. *Not registered for use in California for control on pears.			

FOLIAR APPLICATION TO PECANS*		
Only in Residential Areas		
PEST	APPLICATION RATE	
Yellow pecan aphid Black margined aphid Pecan leaf phylloxera Pecan spittlebug Pecan stem phylloxera	0.5 oz. (10 tsp. per 100 gallons)	2.0 oz. per acre ¹
Note: ¹ The amount of Sharda Imidacloprid 75 WP T&O Insecticide required per acre will depend on tree size and volume of foliage present. The rate per acre is based on a standard of 400 gallons of dilute spray solution per acre for large trees. Make foliar applications as pests begin to build before populations become extreme. Two applications at a 10 to 14 day interval may be required to achieve control. Scout and retreat if needed. Thorough uniform coverage of foliage is necessary for optimal control. Addition of an organosilicone-based spray adjuvant at a rate not to exceed the adjuvant manufacturer's recommended use rate may improve coverage.		
Restrictions: - Follow application restrictions for Non-Agricultural Uses to protect bees and other insect pollinators. DO NOT apply more than 6 oz. per acre per calendar year. DO NOT make more than 3 applications. - Allow 10 or more days between applications. - Allow at least 7 days between last application and harvest. - Keep children and pets off treated area until dry. *Not registered for use in California unless directed by specific supplemental labeling.		

FOLIAR APPLICATION TO GRAPES*		
Only in Residential Areas		
PEST	APPLICATION RATE	
Leafhoppers (including glassywinged sharpshooter) Mealybugs	0.5 oz. (10 tsp. per 100 gallons)	1.0 oz. per acre ¹
Note: Apply specified dosage as a foliar spray using 200 gallons of water per acre.		
Restrictions: - Follow application restrictions for Non-Agricultural Uses to protect bees and other insect pollinators. DO NOT apply more than 6 oz. per acre per calendar year. - Allow 14 or more days between applications. - Applications may be applied up to and including day of harvest. - Keep children and pets off treated area until dry. *Not registered for use in California unless directed by specific supplemental labeling.		

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 the container in a manner as to prevent spillage. If the container is leaking or material is spilled for any reason or cause, carefully sweep material into a pile. Refer to the Precautionary Statements on label for hazards associated with the handling of this material. **DO NOT** walk through spilled material. Dispose of the pesticide as directed below. In spill or leak incidents, keep unauthorized people away. 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 must be disposed of on-site or at an approved waste disposal facility.

CONTAINER HANDLING

Less Than 5 Pounds: Nonrefillable container. **DO NOT** reuse or refill this container. Offer foil pouch for recycling if available or dispose of empty pouch in the trash as long as WSP is unbroken.

Greater Than 5 Pounds: Nonrefillable container. **DO NOT** reuse or refill this container. Offer foil pouch for recycling, if available or dispose of empty pouch in the trash as long as WSP is unbroken.

Greater Than 5 Pounds: Nonrefillable container. **DO NOT** reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying.

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 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.

Offer for recycling, if available or dispose of empty container in a sanitary landfill.

CONTAINER IS NOT SAFE FOR FOOD, FEED, OR DRINKING WATER!

CONDITIONS OF SALE AND WARRANTY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials or other influencing factors in the use of the product, which are beyond the control of Sharda USA LLC or Seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Sharda USA LLC and Seller harmless for any claims relating to such factors.

Sharda USA LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under conditions not reasonably foreseeable to or beyond the control of Seller or Sharda USA LLC and Buyer and User assume the risk of any such use. To the extent consistent with applicable law, SHARDA USA LLC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

To the extent consistent with applicable law, neither Sharda USA LLC nor Seller shall be liable for any incidental, consequential, or special damages resulting from the use or handling of this product. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SHARDA USA LLC AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF SHARDA USA LLC OR SELLER, THE REPLACEMENT OF THE PRODUCT.

Sharda USA LLC and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of Sharda USA LLC.

All trademarks are the property of their respective owners.

Sharda Imidacloprid 75 WP T&O Insecticide

Foliar and Systemic insect control in turfgrass (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* 75.0%

OTHER INGREDIENTS: 25.0%

TOTAL: 100.0%

WT. BY %

STOP – READ THE LABEL BEFORE USE KEEP OUT OF REACH OF CHILDREN CAUTION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you **DO NOT** understand the label, find someone to explain it to you in detail.)

FIRST AID	
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 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 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.
NOTE TO PHYSICIAN: No specific antidote is available. Treat the patient symptomatically.	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For 24-hour medical emergency assistance (human or animal) call 1-800-222-1222 . For chemical emergency assistance (spill, leak, fire, or accident) call: CHEMTREC 1-800-424-9300 .	

Precautionary Statements

Hazards to Humans and Domestic Animals

CAUTION

Harmful if swallowed, inhaled, or absorbed through the skin. Causes eye irritation. Avoid contact with skin, eyes, or clothing. Avoid breathing dust or vapor. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash prior to reuse. Keep children and/or pets away from treated areas until spray is dry.

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/plants or weeds. **DO NOT** apply this product or allow it to drift to blooming crops/plants or weeds if bees are foraging 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.

DIRECTIONS FOR USE

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

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 the container in a manner as to prevent spillage. If the container is leaking or material is spilled for any reason or cause, carefully sweep material into a pile. Refer to the Precautionary Statements on label for hazards associated with the handling of this material. **DO NOT** walk through spilled material. Dispose of the pesticide as directed below. In spill or leak incidents, keep unauthorized people away. 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 must be disposed of on-site or at an approved waste disposal facility. **CONTAINER HANDLING: Less Than 5 Pounds:** Nonrefillable container. **DO NOT** reuse or refill this container. Offer foil pouch for recycling if available or dispose of empty pouch in the trash as long as WSP is unbroken.

CONTAINER IS NOT SAFE FOR FOOD, FEED, OR DRINKING WATER!

See label booklet for complete Precautionary Statements and Directions For Use.

Manufactured For:

Sharda USA LLC, 7217 Lancaster Pike, Suite A, Hockessin, Delaware 19707

EPA Reg. No. 83529-366

EPA Est. No. **AG** 72159-GA-001; **MA** 83411-MN-001; **MD** 89332-GA-001; **SC** 39578-TX-001; **TX** 07401-TX-001

The EPA Establishment Number is identified by the circled letters above that match the first two letters in the batch number.

Net Contents: 4 x 1.6 oz.

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