IMIDACLOPRID

Garant™ T&O 75 WSP

Insecticide

For 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%
OTHER INGREDIENTS: .................................................................................................................... 25%
TOTAL: ........................................................................................................................................ 100%

*Protected by U.S. Patent No. 4,742,060

 Keep water soluble packets in this container and store in a cool dry place but not below freezing (32° F).
 Do Not Remove Packets From Container Except For Immediate Use.

STOP – Read the label before use
KEEP OUT OF REACH OF CHILDREN

CAUTION

PRECAUCION AL USUARIO: Si usted no puede leer o entender inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

(TO THE USER: If you cannot read or understand English, do not use this product until the label has been fully explained to you.)

IN CASE OF A MEDICAL EMERGENCY INVOLVING THIS PRODUCT, CALL TOLL FREE, DAY OR NIGHT, 1-866-303-6950

Read the entire label before using this product.
Use only according to label instructions.
Read “DISCLAIMER” before buying or using. If terms are not acceptable, return product unopened without delay.

SEE BELOW FOR ADDITIONAL PRECAUTIONARY STATEMENTS AND USE DIRECTIONS

EPA Reg. No.: 432-1318-67760

Distributed by:
Cheminnov, Inc.
1700 Route 23
Wayne, NJ 07470
www.cheminnov.com
GARANT is a trademark of Cheminnov.

This is a specimen label, intended for use only as a guide in providing general information regarding use of this product. As labels are subject to revision, always carefully read and follow the label on the product container.

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, than continue rinsing eye.
• Call a poison control center or doctor for treatment advice.

Have a product container or label with you when calling a poison control center or doctor, or going for treatment. In case of emergency call toll free 1-866-303-6950.

Note To Physicians: No specific antidote is available. Treat the patient symptomatically.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed, inhaled, or absorbed through 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 before reuse. Keep children or pets off treated area until spray dries.

Personal Protective Equipment (PPE):

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, polyethylene, polyvinyl chloride (PVC) or viton.
• Shoes plus socks

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 170.2(b)(3)(ii)(A)), 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 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.

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. Do not use this product in a way that will contact workers or other persons 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.

AGRICULTURAL USE REQUIREMENTS
Use this product only in accordance with its labeling and with the Worker Protection Standard (WPS). This product contains ingredients for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers or agricultural pesti-cides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions pertaining to the statement on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to use 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.

Estimated if the product is applied by drenching, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if they will be in contact with anything that has been treated.

PPE required for 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:

- Coversalls
- Chemical-resistant gloves made of any waterproof material such as barrier laminates, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyethylene, polyvinylchloride (PVC) or vinyl
- 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 protect agricultural plants on farms, forests, nurseries, or greenhouses.

Keep children and pets off treated area until dry.

APPLICATION TO TURFGRASS
GARANT T&Q 75 WSP Insecticide can be used for the control of soil inhaling pests of turf-grass, such as the brown and white grubs, Cutworms, Cylindrosoma and/or C. lundii; Asiac garden beetle, Maladera castanea; European chafer, Rhabdochous impunctatus; Green June Beetle, Calosoma stilis; May bug or June Beetle, Phyllophaga spp.; Japanese beetle, Popillia japonica; Oriental beetle, Anomala orientalis; Billbug, Sphenophylus spp.; Annual bluegrass weevil, Orcheses spp.; Black turfgrass ataenius, Ataenius spretulus and Aphodius spp.; Sod webworm, Diprion sertifer; and Mole cricket, Scapteriscus spp. GARANT T&Q 75 WSP Insecticide can also be used for the suppression of cutworms and cihinbugs in turfgrass areas. GARANT T&Q 75 WSP Insecticide can be used as directed on turfgrasses in sites such as parks, lawns, business and office complexes, shopping complexes, multi-family residential complexes, golf courses, airports, cemeteries, parks, playgrounds, athletic fields and sod farms.

The active ingredient in GARANT T&Q 75 WSP Insecticide has sufficient residual activity so that applications can be made preceding the egg laying activity of the target pests. High levels of control can be achieved when applications are made precisely during or after the egg laying period. The need for an application can be based on historical monitoring of the site, previous records or experiences, current season adult trapping or other methods. Optimum control will be achieved when applications are made prior to egg hatch of the target pests, followed by sufficient irrigation or rainfall to move the active ingredient through the thatch.

Applications should not be made when turfgrass areas are waterlogged or the soil is saturated with water. Adequate distribution of the active ingredient cannot be achieved when these conditions exist. The treated turf must be in such a condition that the rainfall or Irrigation will penetrate vertically to the soil profile. Applications cannot exceed a total of 8.6 oz (0.4 lb of active ingredient) per acre per year.

Application Equipment for Use on Turfgrass
Apply GARANT T&Q 75 WSP Insecticide in sufficient water to provide adequate distribution in the treated area. Use of an accurately calibrated equipment normally used for the application of turfgrass Insecticides is required. Use equipment which will produce a uniform, coarse droplet spray, using a low pressure setting to eliminate off-target drift. Check calibration periodically to ensure that equipment is working properly.

APPLICATION TO ORNAMENTALS
GARANT T&Q 75 WSP Insecticide is for use on ornamentals in commercial and residential landscapes and interior plantscapes. GARANT T&Q 75 WSP Insecticide is a systemic product and will be translocated upward within the plant system from root uptake. To assure optimum effectiveness, the product must be placed where the growing portion of the target plant can absorb the active ingredient. The addition of a nitrogen containing fertilizer, where applicable, into the solution may enhance the uptake of the active ingredient. Application can be made by foliar application or soil applications; including soil injection, drenches, and broadcast sprays. Following application, offer local system activity against insect pests.

When making soil applications to plants with woody stems, systemic activity will be delayed until the active ingredient is translocated throughout the plant. In some cases, this translocation delay may be 14 days or longer. For this reason, applications should be made prior to anticipated pest instillation to achieve optimum levels of control.

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

Ant Management Programs
Use GARANT T&Q 75 WSP Insecticide to control aphids, scale insects, mealybugs and other sucking pests on ornamentals to limit the honeydew available as a food source for ant populations. GARANT T&Q 75 WSP Insecticides can then be supplemented with residual sprays, bait placements or other ant control tactics to further reduce the pest population.

NOTE: 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
GARANT T&Q 75 WSP Insecticide mixes readily with water and may be used in many of types of application equipment. Mix product with the required amount of water and apply as desired dependent upon the selected water waits or other personal protective equipment (PPE) and restricted-entry interval.

When making foliar applications on hard-to-wet foliage such as holly, pine, or ley, the addition of a spreader/sticker is recommended. If concentrate or mist type spray equipment is used, an equivalent amount of product should be used on the area sprayed, as would be used in a dilute application.

MIXING: Within each foil pouch is a clear inner packet containing GARANT T&Q 75 WSP Insecticide. The clear inner packet is water soluble. Do not allow packets to become wet prior to adding to the spray tank. Do not handle the inner packets with wet hands or gloves. Rough handling may cause breakage. Reuse outer carton to protect remaining packets.

To prepare the spray mixture, remove the outer foil pouch and drop the required number of unopened clear water soluble packets, as determined under "RECOMMENDED APPLICATIONS" into the spray tank while filling with water to the desired level. Open the agitator while mixing. Depending on the water temperature and the degree of agitation, the packets should be completely dissolved within a few minutes from the time they are added to the water. Cooler water temperatures increase the time needed for the inner packet to dissolve completely.

NOTE: Do not use GARANT T&Q 75 WSP Insecticide packets in a tank-mix with products that contain Bioron or release tear gas. The resultant mixture of PVC and bromo or trichloro is a plastic which is not soluble in water or solvents such as diesel oils, kerosene, gasoline or alcohol. Do not attempt to use the WSP packets directly in diesel oils or summer spray type oils as in UAV or UV uses. PVC packets are water soluble not of solubility. Use of chemically treated water is acceptable.

GARANT T&Q 75 WSP Insecticide has been found to be compatible with commonly used fungi-cides, miticides, liquid fertilizers, and other commonly used insecticides. Check physical compatibility using the correct proportion of products in a small jar if local experience is unavailable. Do not apply through any irrigation system.

RECOMMENDED APPLICATIONS

<table>
<thead>
<tr>
<th>CROP</th>
<th>PEST</th>
<th>DOSAGE GARANT T&amp;Q 75 WSP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Turfgrasses</td>
<td>Larvae of:</td>
<td>European Crab Fly</td>
</tr>
<tr>
<td></td>
<td>Annual bluegrass weevil</td>
<td>Green June beetle</td>
</tr>
<tr>
<td></td>
<td>Astaifo garden beetle</td>
<td>Japanese beetle</td>
</tr>
<tr>
<td></td>
<td>Billbug</td>
<td>Northern masked chafer</td>
</tr>
<tr>
<td></td>
<td>Black turfgrass ataenius</td>
<td>Oriental beetle</td>
</tr>
<tr>
<td></td>
<td>Aphodius spp.</td>
<td>Phantom spider web</td>
</tr>
<tr>
<td></td>
<td>Sod webworm</td>
<td>European chafer</td>
</tr>
<tr>
<td></td>
<td>Maladera castanea</td>
<td>Northern masked chafer</td>
</tr>
</tbody>
</table>

For optimum control of grubs, billbugs, annual bluegrass weevil, and European crab fly larvae, make application prior to egg hatch of the target pest. Be sure to read "APPLICATION EQUIPMENT" Section of this label.

Chinchbug (suppressor) | Mole cricket | 1.5 oz (1 packet) per 9,250 sq ft

For suppression of chinchbugs, make application prior to the hatching of the first instar nymphs.

For control of mole crickets make application prior to or during the peak egg hatch period. When adults or large nymphs are present and actively tunneling, GARANT T&Q 75 WSP Insecticide application should be accompanied by a curative Insecticide. Follow label instructions for other Insecticides when mix-mating.

Consult your local State Agricultural Experiment Station, or State Extension Turf Specialist for more specific information regarding timing of application.

NOTE: For optimum control, irrigation or rainfall should occur within 24 hours after application to move the active ingredient through the thatch. Do not apply more than 8.6 oz (0.4 lb of active ingredient) per acre per year. Avoid mowing turf or lawn area until after Irrigation or rainfall has occurred so that uniformity of application will not be affected.

RECOMMENDED APPLICATIONS

For use only in and around industrial and commercial buildings and residential areas.

<table>
<thead>
<tr>
<th>CROP</th>
<th>PEST</th>
<th>DOSAGE GARANT T&amp;Q 75 WSP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trees</td>
<td>Adephocorys</td>
<td>Malaysura</td>
</tr>
<tr>
<td>Shrubs</td>
<td>Aphids</td>
<td>Psyllids</td>
</tr>
<tr>
<td>Evergreens</td>
<td>Japanese beetles</td>
<td>Saffy larvae</td>
</tr>
<tr>
<td>Flowers</td>
<td>Leaf beetles (including</td>
<td>Thrips (expression)</td>
</tr>
<tr>
<td></td>
<td>elm and violet leaf beetles)</td>
<td>Whittles</td>
</tr>
<tr>
<td>Groundcovers</td>
<td>Ground covers</td>
<td></td>
</tr>
<tr>
<td>Interior</td>
<td>Lepidoptera (including</td>
<td>glassy-winged skimmer</td>
</tr>
<tr>
<td>plantscapes</td>
<td>winter moth</td>
<td>shareholder</td>
</tr>
</tbody>
</table>

Foliar Applications: Start treatments prior to establishment of high pest populations and respond on an as-needed basis.

White grub grubs (such as Japanese beetle larvae, Chafer, Phyllophaga spp., Astaifo garden beetle) | 1.5 oz (1 packet) per 9,250 sq ft

Broadcast Applications: Mix required amount of product in sufficient water to uniformly and accurately cover the area being treated. Do not use less than 1 gallon of water per 100 sq ft. For optimum control, irri-

After thoroughly to incorporate GARANT T&Q 75 WSP Insecticide into the upper soil profile.

Refer to use directions specific for FLOWERS and GROUNDCOVERS concerning additional use directions.
### RECOMMENDED APPLICATIONS

**Trees, Rhododendrons, and Groundcover**

For use only in and around industrial and commercial buildings, and residential areas and state, national, and private wooded and forested areas to control the insect pests listed below:

<table>
<thead>
<tr>
<th>Pest</th>
<th>Rate per Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aphids</td>
<td>1 oz (1 packet) per 300 gal of water</td>
</tr>
<tr>
<td>armored scales</td>
<td>1 oz (1 packet) per 300 gal of water</td>
</tr>
<tr>
<td>brown scale</td>
<td>1 oz (1 packet) per 300 gal of water</td>
</tr>
<tr>
<td>erubescens scale</td>
<td>1 oz (1 packet) per 300 gal of water</td>
</tr>
<tr>
<td>black vine weevil larvae</td>
<td>1 oz (1 packet) per 300 gal of water</td>
</tr>
<tr>
<td>larva</td>
<td>1 oz (1 packet) per 300 gal of water</td>
</tr>
<tr>
<td>larva</td>
<td>1 oz (1 packet) per 300 gal of water</td>
</tr>
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</tr>
</tbody>
</table>

### RECOMMENDED APPLICATIONS

**Grapes**

Leaffoppers (including glassy-winged sharpshooter) and Mealybugs

<table>
<thead>
<tr>
<th>Pest</th>
<th>Rate per Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>leafhoppers</td>
<td>1 oz (1 packet) per 300 gal of water</td>
</tr>
<tr>
<td>mealybugs</td>
<td>1 oz (1 packet) per 300 gal of water</td>
</tr>
</tbody>
</table>

Apply specified dosage as a foliar spray using 200 gallons of water per acre. Do not apply more than a total of 2.0 ounces of GABANT TAO 75 WSP Insecticide per acre per year. Allow at least 14 days between applications. Applications may be applied up to and including day of harvest.

### RESTRICTIONS

Do not spray treated areas or use clippings from treated areas for feed or forage. Avoid runoff or puddling of irrigation water following application. Keep children and pets off treated areas until dry. Avoid application of GABANT TAO 75 WSP Insecticide to areas which are water logged or saturated, or frozen, which will not allow penetration into the root zone of the plant. Do not apply more than 0.6 oz (0.4 lb of active ingredient) per acre per year.

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 should be observed.

### 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 contact 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, invert to prevent leakage. If container is leaking or material spilled for any reason or cause, carefully douse up spilled material to prevent runoff. Refer to PRECAUTIONARY STATEMENTS on label for hazards associated with the handling of this material. Do not allow water contact. Absorb spilled material with absorbing type compounds and dispose of as directed for pesticides below. In spill or leak incidents, keep unauthorized people away. You may contact Chemtura at 800-424-3000 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.

### WARRANTY DISCLAIMER

Chemnova warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions. Subject to the inherent risks set forth below, CHEMINOVAMAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

### INHERENT RISKS OF USE

It is impossible to eliminate all risks associated with use of this product. Crop injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label), such as unfavorable temperatures, soil conditions, etc., abnormal conditions (such as excessive rainfall, drought, temperature, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of Chemnova or the seller. All such risks shall be assumed by the buyer.

### LIMITATION OF REMEDIES

The exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to, at Chemnova’s election, one of the following:

1. Refund of purchase price paid by buyer or user for product bought, or
2. Replacement of amount of product used.

Chemnova shall not be liable for losses or damages resulting from handling or use of this product unless Chemnova is promptly notified of such loss or damage in writing. In no case shall Chemnova be liable for consequential or incidental damages or losses.

The terms of the Warranty Disclaimer above and this Limitation of Remedies cannot be varied by any written or verbal statements or agreements. No employee or sales agent of Chemnova or the seller is authorized to vary or exceed the terms of the Warranty Disclaimer or this Limitation of Remedies in any manner.

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