Garant™ PRO 2F
Insecticide

- For use by individuals/lrms licensed or registered by the state to apply termite products. States may have more restrictive requirements regarding qualifications of persons using this product. Consult the structural pest control regulatory agency of your state prior to use of this product.
- For prevention or control of subterranean termites.

ACTIVE INGREDIENT:
Imidacloprid, 1-[6-Chloro-3-pyridylmethyl]-N-nitro-2-imidazolidinrime

INERT INGREDIENTS:

TOTAL:

Contains 2 pounds of imidacloprid per gallon.

Shake well before using.

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, 1-866-303-6550

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.: 432-1331-67760

Distributed by:
CheminoVA, Inc.
1700 Route 23
Wayne, NJ 07470
www.cheminova.com

GARANT is a trademark of CheminoVA.

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 soap and water for 15-30 minutes.
- Call a poison control center or doctor for treatment advice.

IF IN EYES:
- Hold eyelids open and rinse slowly and gently with water for 15-30 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

Have the 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 1-866-303-6550. For transportation emergencies, contact CheminoVA at 1-800-434-9500. For product information or customer service, contact CheminoVA at 1-800-548-6113.

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

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. Remove contaminated clothing and wash before reuse. Keep children or pets away from treated area until dry.

When treating adjacent to an existing structure, the applicator must check the area to be treated, and immediately adjacent areas of the structure, for visible and accessible cracks and holes to prevent any leaks or significant exposure to persons occupying the structure. People present or residing in the structure during application must be advised to remove their pets and themselves from the structure if they see any signs of leakage. After application, the applicator is required to check for leaks. All areas resulting in the deposition of termiticide in locations other than those prescribed on this label must be cleaned up prior to leaving the application site. Do not allow people or pets to contact contaminated areas or to reoccupy contaminated areas of the structure until the clean up is completed.

PERSONAL PROTECTIVE EQUIPMENT (PPE)
All pesticide handlers (mixers, loaders, and applicators) must wear long-sleeved shirt and long pants, socks, shoes, and chemical-resistant gloves made of waterproof material such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyethylene, polyvinyl chloride or vinyl. After the product is diluted in accordance with label directions for use, shirt, pants, socks, shoes must be worn. In addition, all pesticide handlers must wear protective eyewear when working in a non-ventilated space or when applying termiticide by rodding or sub-slab injection.

ENVIRONMENTAL HAZARDS
This product is highly toxic to aquatic invertebrates. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater. Apply this product only as specified on this label.

DIRECTIVES FOR USE
It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Structures that contain walls or cesspits within the foundation of the structure can only be treated using the treated backfill method described in the treatment around walls and cesspits section of this label. Consult state and local specifications for recommended distances of walls from treated area. If no such regulations do not exist, refer to Federal Housing Administration Specifications (F.H.A.) for guidance.

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

MIXING: Refer to Mixing Table for proper amount of Garant PRO 2F Insecticide to be used. Mix the termiticide use dilution in the following manner: Fill tank 1/2 to 1/3 full. When using large sprayer, start pump to begin bypass agitation and place end of treating tool in tank to allow dilution through hose. Add appropriate amount of Garant PRO 2F Insecticide. Add remaining amount of water. Let pump run and allow recirculation through the hose for 2 to 3 minutes.

MIXING TABLE FOR GARANT™ PRO 2F INSECTICIDE

<table>
<thead>
<tr>
<th>WATER</th>
<th>GARANT™ PRO 2F</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 mL</td>
<td>0.05%</td>
</tr>
<tr>
<td>10 mL</td>
<td>0.1%</td>
</tr>
<tr>
<td>5 mL</td>
<td>0.02%</td>
</tr>
<tr>
<td>5 mL</td>
<td>0.1%</td>
</tr>
<tr>
<td>2 mL</td>
<td>0.01%</td>
</tr>
<tr>
<td>2 mL</td>
<td>0.1%</td>
</tr>
<tr>
<td>1 mL</td>
<td>0.005%</td>
</tr>
<tr>
<td>1 mL</td>
<td>0.01%</td>
</tr>
</tbody>
</table>

*For 240mL, Size Only.
### MIXING TABLE FOR GARNET PRO 2F INSECTICIDE®

<table>
<thead>
<tr>
<th>GALLONS</th>
<th>WATER</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.05%</td>
<td>1 gal</td>
</tr>
<tr>
<td>0.1%</td>
<td>2 gal</td>
</tr>
<tr>
<td>0.5%</td>
<td>5 gal</td>
</tr>
<tr>
<td>1.0%</td>
<td>10 gal</td>
</tr>
<tr>
<td>2.0%</td>
<td>20 gal</td>
</tr>
<tr>
<td>3.0%</td>
<td>30 gal</td>
</tr>
<tr>
<td>4.0%</td>
<td>40 gal</td>
</tr>
</tbody>
</table>

### IN-LINE INJECTION:
For the desired application rate, use the proportional injector mixing table to calculate the amount of GARNET PRO 2F Insecticide for a given injection volume of finished emulsion.

**CONVERSION KEY:**
128 fl oz = 1 gal, 16 fl oz = 1 pint, 8 fl oz = 1 quart, 1 fl oz = 25.5 mL

### APPLICATION VOLUME

It is recommended that application volumes described in the GARNET PRO 2F Insecticide "DIRECTIONS FOR USE" be used whenever possible. However, when 1 gallon of solution will not accept application of 4 gallons of GARNET PRO 2F Insecticide per 10 linear feet, the GARNET PRO 2F Insecticide application volume should be increased to 15 gallons of solution per 10 linear feet. For example, if 0.05% is the correct use rate to apply in 4 gallons of water, then 2 gallons of 0.05% dilution may be used per 10 linear feet to deliver an equivalent amount of GARNET PRO 2F Insecticide per unit of soil.

**CONTROL – GENERAL**

Treatment standards for subsurface termite control may vary due to regulations, treatment procedures, soil types, construction pests and other factors. The purpose of chemical soil treatment is to kill or prevent establishment of a continuous chemical barrier (horizontal and/or vertical as needed) between the wood and other cellulose materials in the structure and the termite colonies in the soil. Follow all federal, state, and local regulations and treatment standards for the protection of a structure from termites or other pests. In some instances, when one structure block or area above ground colonist is established, supplemental treatments to control the termites, landscape modifications, and interior repairs may be needed to terminate colonies of termite pests.

Use a 0.05% to 0.1% dilution based on local recommendations.

### PRE-CONSTRUCTION TREATMENT

Do not apply at a lower dosage and/or concentration than specified on this label for applications prior to installation of the finished grade.

Prior to application, contractors must notify the general contractor, construction superintendent, or similar responsible party, of the intended termite application and intended sites of application and instruct the responsible person to notify construction workers and other individuals to leave the area to be treated during application and until the termite treatment is absorbed into the soil.

### CONCRETE SLAB-ON-GROUND OR BASEMENTS:

**Apply an overall treatment to the entire surface of soil or other substrate to be covered by the slab including areas to be under carpets, porches, basement floor and entrance platforms.**

Apply at the rate of 1 gallon of solution not accurately and uniformly cover 10 square feet. If soil under slab is gravel or other coarse aggregate, apply at the rate of 1.5 gallons of solution to area uniformly and cover 10 square feet. In addition, apply 4 gallons of solution (see APPLICATION VOLUME) per 10 linear feet to provide a uniform treated zone, in soil at critical areas such as the inside of foundation walls, sills, around plumbing, bathtub, utility services, and other features that will penetrate the slab.

After completion of grading, make an application by trenching or trenching and rodutting around the slab or trench in one operation. Rodutting may be done from the bottom of a narrow trench. When rodutting, rod holes should be spaced in a manner that will allow for a continuous chemical treated zone, not to exceed 12 inches, to be deposited along the treated area. Rod holes should not extend below the floor. Application at the rate of 1 gallon of solution (see APPLICATION VOLUME) per 10 linear feet, per foot of depth to provide a uniform treated zone. When trenching, the trench along the outside foundation should be about 6 inches in width and 6 inches in depth. Use a 12-in-wide area and excess of 25 PSI at the treatment tool when the water is open and treated soil which will be placed in the trench after rodutting. Mix spray solution with soil as it is being placed in the trench. When treating soils in hollow-masonry units, use 2 gallons of solution per 10 linear feet of wall. Application solution is to mix the footing by injection into the lower areas of the wall, just above the floor or footing.

When treating foundations deeper than 4 feet, apply the termiteicide as the backfill is being placed or, if the application contractor fails to notify the applicator to permit this, the treatment to a minimum depth of 4 feet after the backfill has been installed. The applicator must trench and fill the trench or trench along the foundation walls and around pillars and other foundation elements, at the rate prescribed from grade to a minimum depth of 4 feet. When the top of the footing is exposed, the applicator must treat the soil adjacent to the footing to a depth of 1 inch below the bottom of the footing. However, in no case should a structure be treated below the footing.

### RODDING IN TRENCH FOLLOWED BY TRENCHING AND TREATMENT OF BACKFILL:

Provide a better opportunity to establish a continuous chemical treated zone by using soil rodutting alone to establish a vertical termiteicide treated zone.

### CRALLOW SPACES:

Application should be made by trenching or trenching and rodutting down along the inside and outside of foundations, around walls, interior supports in contact with the floor, headers, studs, and joists. Roddint should not be extended below the footing. Application at the rate of 1 gallon of solution (see APPLICATION VOLUME) per 10 linear feet, per foot of depth to provide a uniform treated zone. Roddint should be spaced in a manner that will allow for a continuous chemical treated zone to be deposited along the treated area. Rod holes should not extend below the floor. When trenching, trenching should be about 6 inches wide and 6 inches deep. Use a low pressure water spray to treat soil which will be placed in the trench, mixing the spring solution with soil as it is being placed in the trench.

### BULK BLOCK FOUNDATION OR WOOLS:

Hollow block foundations or voids in masonry footing on the footing may be treated to provide a continuous chemical treated zone for underdrains or to treat foundation voids. Apply 2 gallons of solution per 10 linear feet to the bottom of the void so that it reaches the top of the footing or soil.
When treating plesions, turn off the air circulation system of the structure until application has been completed and all temporary has been absorbed by the soil.

TREATMENT AROUND WELLS OR CISTERNs: To prevent water from contaminating water wells or cisterns, structures with Wells/Cisterns Inside Foundations should contain wells or cisterns within the foundation of a structure can only be treated using the following techniques:

1. Do not treat soil while it is been treated or the foundation or the walls or cisterns. The treated soil inside or outside of the walls or cisterns must be treated using the following techniques:

- a. Treat the soil inside or outside of the walls or cisterns. The soil must be treated using the following techniques:

b. After the treated soil has absorbed the solution, the soil into the hole.

Structures With Wells/Cisterns Inside Foundations: Structures that contain wells or cisterns within the foundation of a structure can be treated using the following techniques:

- a. Treat the soil or the water using heavy plastic sheeting or similar material or into a wheelbarrow.

- b. If the soil is removed and treated outside/away from the foundation. The treated backfill technique is described as follows:

- Where the soil is removed and treated outside/away from the foundation. The treated backfill technique is described as follows:

- c. After the treated soil has absorbed the solution, place the soil into the hole.

FOAM APPLICATIONS

Construction practices, soil subsidence and other factors may create structures within which a combination of chemical treatment cannot be achieved using conventional treatment alone. In situations where necessary, conventional application methods can be supplemented through use of foam generation equipment, or similar devices can be used to provide a continuous treatment zone.

- Use water that is consistent with the area where the table will be used.

- Foam application may be made in any combination with conventional application methods, provided that the labeled amount of active ingredient per unit area is used.

- Foam Application Use Directions: Mix appropriate concentration of GARANT PRO 2F Insecticide and the manufacturer's recommended quantity of foam agent to the recommended concentration. Mix foam into the water using a mechanical stirrer or equivalent device. The foam may be applied to the structure to the rate that is specific for the application site.

- For 240 ML SIZE ONLY

<table>
<thead>
<tr>
<th>GARANT PRO 2F INSECTICIDE (ml)</th>
<th>GALLONS OF WATER</th>
<th>FOAM EXPANSION RATIO</th>
<th>FINISHED FOAM (gallons)</th>
<th>(all %)</th>
</tr>
</thead>
<tbody>
<tr>
<td>80</td>
<td>1</td>
<td>10:1</td>
<td>10</td>
<td>0.05</td>
</tr>
<tr>
<td>60</td>
<td>1</td>
<td>12:1</td>
<td>12</td>
<td>0.05</td>
</tr>
<tr>
<td>40</td>
<td>1</td>
<td>8:1</td>
<td>8</td>
<td>0.05</td>
</tr>
</tbody>
</table>

* Add the manufacturer's recommended quantity of foam agent to the GARANT PRO 2F Insecticide solution.

For 55 FL OZ SIZE ONLY

<table>
<thead>
<tr>
<th>GARANT PRO 2F INSECTICIDE (oz)</th>
<th>GALLONS OF WATER</th>
<th>FOAM EXPANSION RATIO</th>
<th>FINISHED FOAM (gallons)</th>
<th>(all %)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.9</td>
<td>2.5</td>
<td>25:1</td>
<td>25</td>
<td>0.05</td>
</tr>
<tr>
<td>5.5</td>
<td>2.5</td>
<td>30:1</td>
<td>30</td>
<td>0.05</td>
</tr>
<tr>
<td>13.8</td>
<td>2.5</td>
<td>20:1</td>
<td>20</td>
<td>0.05</td>
</tr>
</tbody>
</table>

* Add the manufacturer's recommended quantity of foam agent to the GARANT PRO 2F Insecticide solution.

Depending on the circumstances, foam applications may be used alone or in combination with liquid application applications. Applications may be made behind barriers, plains, chimneys, basements, in hollow foundations, in block walls or structural voids, under slabs, stores, porches, or to the soil in crawlspaces, and other similar voids.

Foam and liquid applications must be consistent with volume and active ingredient instructions. In order to ensure proper application has been made. The volume and amount of active ingredient are essential to an effective treatment. At least 75% of the gallons of GARANT PRO 2F Insecticide must be applied as a typical liquid treatment. The remaining 25% or less gallons is delivered to appropriate locations using a foam application.

RETRIEVAL

Retreatment for subterranean termites can only be performed if there is clear evidence of reinfestation at the time of the treatment zone due to construction, excavation, or land-clearing and/or evidence of the breakdown of the soil treated zone. The soil treated zone may be retreated in accordance with application techniques described in this product's labeling. When a structure is not to be retreated and the treated zone is not disturbed, but where the structure was last treated five or more years ago, retreatment may be performed if, in the judgment of the applicator, it is necessary to ensure adequate protection of the structure. In determining the timing and type of any retreatment, the applicator should consider efficacy and effectiveness of the soil treated zone. When a structure is not to be retreated and the treated zone is not disturbed, but where the structure was last treated five or more years ago, retreatment may be performed if, in the judgment of the applicator, it is necessary to ensure adequate protection of the structure. In determining the timing and type of any retreatment, the applicator should consider efficacy and effectiveness of the soil treated zone.

Annual retreatment of the structure is prohibited unless there is clear evidence that reinfestation or treated zone disturbance has occurred.

PERIMETER PEST CONTROL

ANTs: For control of carpenter ants tunneling in soil, apply a 0.05 to 0.1 ratio of dry or wet soil to soil, point to point, or sufficient volume of foam, at intervals to establish a continuous treated zone. Establish a uniform treated zone at the edge of walls, driveways or other hard surfaces where ants are tunneling beneath.