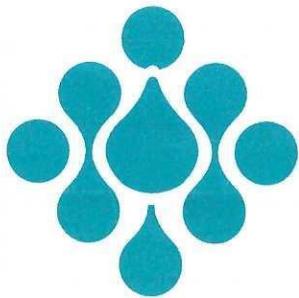


IMIDACLOPRID | GROUP 4 INSECTICIDE



# IMIDACLOPRID 2F SELECT T/I

Termiticide/Insecticide

## FOLIAR AND SYSTEMIC INSECT CONTROL

PREVENTS AND CONTROLS SUBTERRANEAN TERMITES, DRYWOOD TERMITES, DAMPWOOD TERMITES, CARPENTER ANTS, AND OTHER LISTED WOOD-INFESTING INSECTS.

FOR USE ON TURFGRASS, LANDSCAPE ORNAMENTALS, RESIDENTIAL FRUIT AND NUT TREES, AND INTERIOR PLANTSCAPES.

For use by individuals/firms licensed or registered by the State to apply termiticide 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 using this product.

### ACTIVE INGREDIENT:

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

OTHER INGREDIENTS: ..... 78.6%

TOTAL: ..... 100.0%

Contains 2 pounds of imidacloprid per gallon.

Shake well before using.

## KEEP OUT OF REACH OF CHILDREN

## CAUTION

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

Contains imidacloprid, the active ingredient used in Premise® and Merit®. **Imidacloprid 2F Select T/I** is not manufactured or distributed by Bayer Environmental Science, seller of Premise® and Merit®.

EPA Reg. No. 89442-19

AD071620

**PRIME SOURCE**  
A Division of Albaugh, LLC

## SPECIMEN LABEL

Manufactured For:  
Prime Source, a division of Albaugh LLC  
1525 NE 36th Street  
Ankeny, IA 50021

## DIRECTIONS FOR USE

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

See individual sites for specific pollinator protection application restrictions. If none exist under the specific site for outdoor foliar applications follow these application directions.



Do not apply **Imidacloprid 2F Select T/I** while bees are foraging. Do not apply **Imidacloprid 2F Select T/I** to plants that are flowering. Only apply after all flower petals have fallen off.

Do not use this product on plants being grown for sale or other commercial use or for commercial seed production or for research purposes.

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.

If treating an area adjacent to an existing structure, the applicator must check the area to be treated, including all immediate adjacent areas of the structure, for visible and accessible cracks and holes in order to prevent leaks and/or significant product exposure to persons or animals occupying the structure. People present and/or residing in the structure during treatment must be advised to remove all pets and themselves from the structure if they see any sign of leakage. After treatment, the applicator is required to check for leaks. All leaks resulting in the presence of termiticide in locations other than those prescribed on this label must be cleaned up completely prior to leaving the treatment site. Do not allow people or pets to come into contact with contaminated areas or to reoccupy contaminated areas until clean-up is complete.

### APPLICATION AS A TERMITICIDE

Use this product in and along the outside perimeter of structures and building construction to prevent and control termite infestations.

#### USE INSTRUCTIONS

For subterranean termite control, specific treatments may differ due to regulations, treatment procedures, soil types, construction practices and other factors. The purpose of chemical soil treatment for termite control is to establish a continuous chemical treated zone (horizontal and/or vertical) between the wood and other cellulose material in the structure and the termite colonies in the soil.

Follow all Federal, State, and local regulations and treatment standards for protection of a structure from termites. The establishment of an aerial or above ground colony may require additional treatments to control the termites, as well as landscape modifications, and/or structural repairs to deny termites of a moisture source. Use a 0.05% to 0.1% dilution based on current recommendations. For a typical control situation, use a 0.05% dilution. Use a 0.1% dilution when a severe or persistent infestation exists.

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 exposures 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 leaks 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.

Structures that contain wells or cisterns within the foundation of the structure can only be treated using the treated backfill method described in the treatment around wells and cisterns section of this label. Consult State and local specifications for recommended distances of wells from treated area, or if such regulations do not exist, refer to Federal Housing Administration Specifications (H.U.D.) for guidance.

**MIXING:** Refer to the **MIXING TABLE** for correct amount of this product to be used.

Follow this procedure for mixing the termiticide dilution:

1. Fill the tank 1/3 full.
2. If using large sprayers, start the pump to begin bypass agitation and place end of the treating tool in tank to allow circulation through hose.
3. Add appropriate amount of **Imidacloprid 2F Select T/I**. Add remaining amount of water. Let pump run and allow recirculation through the hose for 2 to 3 minutes.

MIXING TABLE		
EMULSION CONCENTRATE	GALLONS WATER	AMOUNT OF PRODUCT (fl. oz.)
0.05%	100	27.5
	50	13.8
	25	6.9
	1	0.3
0.1%	100	55.0
	50	27.5
	25	13.8
	1	0.6

**In-Line Injection:** Use the table below to mix the appropriate amount of **Imidacloprid 2F Select T/I** for the desired injection volume of finished emulsion.

MIXING TABLE - INJECTOR	
INJECTOR VOLUME	CONCENTRATION
0.3 fl. oz./gal.	0.05%
0.6 fl. oz./gal.	0.1%

**CONVERSION KEY:** 128 fl. oz. = 1 gal.; 16 fl. oz. = 1 pint; 8 pints = 1 gal.; 1 fl. oz. = 29.5 mL

#### APPLICATION VOLUME

Use the application volumes described in the **DIRECTIONS FOR USE** whenever possible. However, where soil conditions will not accept application of 4 gallons of this product per 10 linear feet, apply twice the product concentration in 2 gallons of solution per 10 linear feet. For example, if 0.05% is the correct use rate to be applied in 4 gallons of water, then use 2 gallons of 0.1% dilution per 10 linear feet to deliver an equivalent amount of product per unit of soil.

#### PRE-CONSTRUCTION TREATMENT

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

**BASEMENTS – INSIDE PERIMETER:** If necessary, treat by drilling along the perimeter of the interior walls. Also, make applications around sewer pipes, floor drains, conduits, expansion joints or any cracks or holes in the basement floor. Apply 4 gallons of solution (see **APPLICATION VOLUME**) per 10 linear feet to provide a uniform treated zone.

Drill holes must be spaced in a manner that will allow for application of a continuous chemical treated zone.

Plug and fill all drill holes in commonly occupied areas of the building with a suitable sealant. Plugs must be of non-cellulose material or covered by an impervious, non-cellulose material.

**HOLLOW BLOCK FOUNDATION OR VOIDS:** Treat hollow block foundations or voids in masonry resting on the footing to provide a continuous chemical treated zone in the voids at the footing. Apply 2 gallons of solution per 10 linear feet to the lower part of the void so that it reaches the top of the footing or soil. Drill spacing must be at intervals not to exceed 16 inches. Many states have smaller intervals so check state regulations which may apply.

Treatment of voids in block or rubble foundation walls must be closely examined. Applicators must inspect areas of possible runoff as a precaution against application leakage in the treated areas. Some areas may not be treatable or may require mechanical alteration prior to treatment.

All leaks resulting in the deposition of termiteicide in locations other than those prescribed on this label must be cleaned up prior to leaving the application site (refer to **PRECAUTIONARY STATEMENTS**).

**RESTRICTION:** Do not allow people or pets to contact or to reoccupy the contaminated areas of the structure until the clean-up is completed.

**PLENUMS:** For plenum-type structures which use a sealed underfloor space to circulate heated and/or cooled air throughout the structure, apply the dilution at the rate of 4 gallons of solution (see **APPLICATION VOLUME**) per 10 linear feet, per foot of depth of soil to provide a uniform treated zone adjacent to both sides of foundation walls, supporting piers, plumbing and conduits. Treat soil by trenching to a depth of 6 inches or trenching and rodding (where conditions permit) or to the top of the footing. When conditions will not permit trenching or rodding, make a surface application adjacent to interior foundation walls, but the treated strip shall not exceed a width of 18 inches, horizontally, from the foundation walls, piers or pipes. The surface application will be made at a rate of 1.5 gallons of solution per 10 square feet as a very coarse spray under low pressure (not to exceed 25 PSI when measured at the treating tool when valve is on).

When treating plenums, turn off the air circulation system of the structure until application has been completed and all termiteicide has been absorbed by the soil.

**RESTRICTION:** Do not allow people or pets to contact or to reoccupy the contaminated areas of the structure until the clean-up is completed.

**TREATMENT AROUND WELLS OR CISTERNS:** Do not contaminate wells or cisterns.

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

1. Do not apply within 5 feet of any well or cistern by rodding and/or trenching or by the backfill method. Treat soil between 5 and 10 feet from the well or cistern by the backfill method only. Use the backfill method if treatment of soil adjacent to water pipes is within 3 feet of grade.
  - a. Trench and remove soil to be treated onto heavy plastic sheeting or similar material or into a wheelbarrow.
  - b. Treat the soil at the rate of 4 gallons of solution per 10 linear feet per foot of depth of the trench, or 1 gallon per 1.0 cubic foot of soil. Mix thoroughly into the soil, taking care to contain the liquid and prevent runoff or spillage.
  - c. After the treated soil has absorbed the solution, replace the soil into the trench.
2. Treat infested and/or damaged wood in place using an injection technique such as described in the **CONTROL OF WOOD INFESTING PESTS** section of this label.

**Structures with Adjacent Wells/Cisterns and/or Other Water Bodies:**

1. Applicators must inspect all structures with nearby water sources such as wells, cisterns, surface ponds, streams, and other bodies of water and evaluate, at a minimum, the treatment directions listed below prior to making an application.
2. Prior to treatment, if feasible, expose the water pipes coming from the well to the structure, if the pipes enter the structure within 3 feet of grade. Prior to treatment, applicators are advised to take precautions to limit the risk of applying the termiteicide into subsurface drains that could empty into any bodies of water. These precautions include evaluating whether application of the termiteicide to the top of the footer may result in contamination of the subsurface drain. Factors such as depth to the drain system and soil type and degree of compaction must be taken into account in determining the depth of treatment.
3. When appropriate (i.e., on the water side of the structure), the treated backfill technique (described above) can also be used to minimize off-site movement of termiteicide.

**RESTRICTION:** Do not contaminate wells or cisterns.

**EXTERIOR PERIMETER/INTERIOR SPOT TREATMENT\***

\*Not approved for use in Louisiana.

#### INFORMATION

Exterior Perimeter/Interior Spot Treatment is an optional method of termite treatment only for use in post-construction applications, after the final grade is established. Structural protection when using the Exterior Perimeter/Interior Spot Treatment is accomplished by: 1) establishing a continuous treated zone around the entire exterior foundation wall of the building; and 2) spot-treating infested areas on the building interior. Soil adjacent to the exterior foundation wall must be treated in the same manner as conventional (full) application. It is required that a complete and continuous treated zone be achieved around the entire exterior perimeter, including under any attached slabs such as garages, porches, patios, driveways and pavement adjoining the foundation. Interior spot treatments must then be made to any indoor areas where termite activity is present. Optional interior spot treatments may also be made to high risk areas including, but not limited to, plumbing and utility penetrations (including bath traps), along settlement cracks and expansion joints, and dirt-filled porches.

Exterior Perimeter/Interior Spot Treatment can be used as a preventative treatment (before structural infestation occurs) or as a curative treatment (after structural infestation occurs) in existing structures. Preventative treatment does not include pre-construction applications made to protect construction. It is required that a thorough structural inspection be completed before treatment, to locate all areas of active infestation. Spot treatment of all known sites of termite activity is required with this optional labeling. If no termite activity is observed inside the structure, interior spot treatments are not required.

#### EXTERIOR PERIMETER TREATMENT

It is required that all structures, regardless of the type of construction, be protected by establishing a vertical treated zone along the outer perimeter of the foundation wall. Consult the **OUTER FOUNDATION WALLS** section of this label (see below) for detailed directions of this treatment procedure.

1. **OUTER FOUNDATION WALLS:** Application must be made by trenching, or where appropriate (see below) by trenching, or trenching and rodding from the bottom of the trench, around the outside of the foundation walls. When trenching, excavate a trench along the outside foundation that is about 6 inches wide and 6 inches deep. Apply 4 gallons of solution (see **APPLICATION VOLUME**) per 10 linear feet, per foot of depth to provide a uniform vertical treated zone.
  - For shallow foundations, one foot or less of depth, dig a narrow trench that does not exceed 6 inches wide and 6 inches deep along the outside of the foundation walls, being careful not to dig below the bottom of the footings. For foundations with exposed footings, dig a trench alongside the footing taking care not to undermine the footing.
  - For basements and other foundations deeper than one foot, the application must be made by trenching and rodding from the bottom of a shallow trench. When rodding, rod holes must be spaced in a manner that will allow for a continuous treated zone, not to exceed 12 inches, to be deposited along the treated area. Rod holes must not extend below the footing. Rodding depth should be to the top of the footer, or to a maximum depth of 4 feet, or according to state or local regulations.

**IMPORTANT:** Add the manufacturer's specified quantity of foam agent to the product solution.

**MIXING TABLE - FOAM**

PRODUCT (fl. oz.)	GALLONS OF WATER	FOAM EXPANSION RATIO	FINISHED FOAM (0.05% a.i.)
6.9	1	25:1	25 gals.
	2.5	10:1	
	5	5:1	
13.8	1	50:1	50 gals.
	2.5	20:1	
	5	10:1	

Depending on the circumstances, foam applications may be used alone or in combination with liquid solution applications. Make applications behind veneers, piers, chimney bases, into rubble foundations, into block voids, or structural voids, wall voids, under slabs, stoops, porches, or to the soil in crawl spaces, 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 Imidacloprid 2F Select T/I must be applied as a typical liquid treatment. The remaining 25% or fewer gallons are delivered to appropriate locations using a foam application.**

When foam is used solely to kill subterranean termites in above ground locations (such as feeding galleries in wooden framing, or in voids with framed walls), and whenever the target pest is other than subterranean termites (drywood termites, beetles, ants, etc.) expand dilute solutions of this product by foaming without concentrating the product solution as previously described for soil applications. Add the manufacturers' specified volume of foaming agent to produce foam of the desired expansion ratio. Use application tips and methods suitable to the site and pest.

**CONTROL OF WOOD INFESTING PESTS**

For control of above ground termites and carpenter ants in local areas, apply a 0.05 to 1.0% solution of sufficient volume of **Imidacloprid 2F Select T/I** foam to voids and galleries in damaged wood, in spaces between wooden structural members, and between the sill plate and foundation where wood is vulnerable. Make applications to inaccessible areas by drilling, and then injecting the suspension or foam with a suitable directional injector into the damaged wood or wall voids. Inject termite carton nests in building voids with a 0.05 to 0.1% suspension or foam. Multiple injection points to varying depths may be necessary. It is desirable to physically remove carton nest material from building voids when such nests are found. Make application to attics, crawl spaces, unfinished basements, or man-made voids with a coarse fan spray of 0.05 to 0.1% solution or foam to control exposed worker and winged reproductive forms of termites or carpenter ants. This type of application is intended to be a supplemental treatment for control of above ground subterranean termites and carpenter ants.

Remove or prune away any shrubbery, bushes, and tree branches touching the structure. Vegetation touching the structure may offer a route of entry for ants into the structure. This may allow ants to inhabit the structure without coming in contact with the treatment. If nests are found, direct treatment of this product can be made to these nests.

Use a 0.05% to 0.1% solution to control existing infestations of, or to prevent infestation by termites or carpenter ants in trees, utility poles, fencing and decking materials, landscape timbers and similar nonstructural wood-to-soil contacts. If possible, locate the interior infested cavity and inject a 0.05 to 0.1% solution or sufficient volume of the foam of this product using an appropriate treatment tool with a splashback guard. Also treat these non-structural wood-to-soil contacts by applying a solution to the soil as a spot application or continuous treated zone applied as a drench or by rodding around the base of the point(s) of soil contact(s). Place rod holes approximately 3 inches away from the soil contact point(s) and spaced no more than 12 inches along the perimeter of the soil contact(s). For small poles or posts (< 6 inches in diameter), apply 1 gallon per foot of depth. For larger constructions, apply 4 gallons per 10 linear feet per foot of depth. Retreat as needed to maintain protection.

Inject termite carton nests in trees with a 0.05 to 0.1% solution or sufficient volume of foam using a pointed injection tool. Multiple injection points to varying depths may be necessary. Removal of carton material from trees is desirable but may not be necessary when foam application is used. In some instances, a perimeter application of a 0.05% to 0.1% solution applied to soil around the root flare of the tree may be necessary to prevent reinfestation by termites in the soil. For small trees (< 6 inches in diameter), apply 1 gallon of solution. For larger trees, apply 4 gallons per 10 linear feet (measured as the circumference at the root flare).

**RESTRICTION:** Do not apply this product, by any application method, to linden, basswood or other *Tilia* species in the State of Oregon.

**Drywood termites and wood-infesting beetles or borers** (such as, but not limited to, powder post beetles, anobiid or deathwatch beetles, false powder post beetles, old house borers, wharf borers, or ambrosia or bark beetles). Galleries and structure voids can be treated with sprays, mists, or foams of a 0.05% to 0.1% solution of this product. Locate galleries by using visual signs (frass or pellets, blistered wood, emergence or clean out holes), the presence of live insects, mechanical sounding techniques, or listening devices (e.g., stethoscopes, acoustic emission detectors). Penetrate the gallery system by drilling holes to receive the injector tip or treatment tool. Distribute drill holes to adequately cover the gallery system. Do not drill where electrical wiring, plumbing lines, etc. are located. Apply solutions of this product as a low pressure (about 20 PSI) spray or by misting or, where appropriate, by foaming. It is not necessary to treat to the point where runoff is detected from adjacent holes. Do not apply where electrical shock hazards exist. Seal drill holes after treatment. Also, wood surfaces can be sprayed or misted with a 0.05% to 0.1% solution or, where appropriate, use a sufficient volume of foam. For inaccessible surfaces, drill and treat the interior of structural voids. Surfaces treated may include exposed wooden surfaces in crawlspaces, basements, or attics, wooden exterior surfaces such as decks, fencing, or siding, structural voids, channels in damaged wood, in spaces between wooden members of a structure, and junctions between wood and foundations. Apply by brushing or as a coarse, low pressure (about 20 PSI) spray to the wood surface; apply sufficient volume to cover the surface to the point of wetness, but avoid applying to the point of runoff. When spraying overhead in living areas, cover surfaces below the treated area with plastic sheeting or similar material, do not allow contact with treated surfaces until spray deposits have dried. Retreat as needed to maintain protection.

**Localized treatment for carpenter bees:** Apply a 0.05% to 0.1% solution as a spray or mist, or sufficient volume of foam, directly into gallery entrance holes. Following treatment, plug entrance holes with small pieces of steel wool or similar material.

**RETREATMENT**

Retreatment for subterranean termites can only be performed if there is clear evidence of reinfestation or disruption of the treated zone due to construction, excavation, or landscaping and/or evidence of the breakdown of the termiteicide treated zone in the soil. Re-treat the vulnerable or re-infested areas in accordance with application techniques described in this product's labeling. The timing and type of these retreatments will vary, depending on factors such as termite pressure, soil types, soil conditions and other factors which may reduce the effectiveness of the treated zone. Make retreatment as either a spot or residual treatment.

When a structure is not known to be reinfested and the treated zone is not disturbed, but where the structure was last treated five or more years ago, perform retreatment if, in the judgment of the applicator, it is necessary to ensure adequate protection of the structure. In determining the timing of any retreatment, the applicator must consider efficacy and/or degradation data and/or site-specific conditions and previous experience that indicate a vulnerability of the structure to termite attack.

**APPLICATIONS – TURFGRASSES**

PEST	RATE	APPLICATION INSTRUCTIONS
Larvae of: Annual bluegrass weevil Asiatic garden beetle Billbug Black turfgrass <i>ataenius</i> Cutworms (suppression) European chafer European Crane fly Green June beetle Japanese beetle Northern Masked chafer Oriental beetle <i>Phyllophaga</i> spp. Southern masked chafer	20.0 - 25.6 fl. oz./Acre or 0.46 - 0.6 fl. oz. (14 - 17 mL) per 1,000 sq. ft.	For best control of grubs, billbugs, annual bluegrass weevil, and European Crane fly, apply prior to egg hatch of the target pest. Read <b>APPLICATION EQUIPMENT</b> section of this label.
Chinch bug (suppression) Mole crickets	25.6 fl. oz./Acre or 0.6 fl. oz. (17 mL) per 1,000 sq. ft.	For suppression of chinch bugs, apply before hatching of the first instar nymphs. To control mole crickets, apply before or during the peak egg hatch period. Follow label instructions for other insecticides if tank-mixing.
<p>Consult your local turf, State Agricultural Experiment Station, or State Extension Service Specialists for more specific information regarding timing of application. Irrigation or rainfall must occur within 24 hours after application to move the active ingredient through the thatch.</p>		
<b>RESTRICTIONS:</b> <ul style="list-style-type: none"> <li>Do not apply more than 25.6 fl. oz. (0.4 lb. of active ingredient) per acre per year.</li> <li>Do not mow turf or lawn area until after sufficient irrigation or rainfall has occurred so that uniformity of application will not be affected.</li> </ul>		

**APPLICATION TO ORNAMENTALS**

Use this product on ornamentals in commercial and residential landscapes and interior plantscapes. This product is a systemic product and will be taken up into 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. Foliar applications offer locally systemic activity against insect pests.

When making soil applications to plants with woody stems, systemic activity will be delayed until the active ingredient is taken up throughout the plant. In some cases, this translocation delay could take 60 days or longer. For this reason, treat prior to anticipated pest infestation to achieve optimum levels of control.

**RESTRICTIONS**

- Do not exceed a total of 25.6 fl. oz. (0.4 lb. of active ingredient) per acre per year.
- Not for use in commercial greenhouses, nurseries, sod farms, or on grass grown for seed, or on commercial fruit and nut trees.
- Do not apply this product, by any application method, to linden, basswood or other *Tilia* species in the State of Oregon.
- Do not graze treated areas or use clippings from treated areas for feed or forage.

**Ant Management Programs**

Use this product to control aphids, scale insects, mealybugs and other sucking pests on ornamentals to limit the honeydew available as a food source for ant populations. Applications of this product can then be supplemented with residual sprays, bait placements or other ant control tactics to further reduce the pest population.

**APPLICATION EQUIPMENT FOR FOLIAR APPLICATIONS**

This product 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.

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

This product has been found to be compatible with commonly used fungicides, miticides, liquid fertilizers, and other commonly used insecticides. Check physical compatibility using the correct proportion of products in a small jar test if local experience is unavailable.

**RESTRICTION:** Do not apply through any irrigation system.

**FOLIAR APPLICATIONS FOR USE ONLY IN AND ON RESIDENTIAL AREAS AND INDUSTRIAL AND COMMERCIAL BUILDING SITES**

SITE	PEST	RATE	APPLICATION INSTRUCTIONS
<b>POME FRUITS</b>			
Apple Crabapple Loquat Mayhaw Pear Pear (oriental) Quince	Aphids (except Wooly apple aphid) Leafhoppers (including glassy-winged sharp-shooter) Leaf miner Mealybugs* San Jose scale*	1.5 fl. oz. (45 mL) per 100 gals. or 6.0 fl. oz./Acre <sup>1</sup>	Apply labeled dosage as foliar spray as needed after petal-fall is complete. For control of rosy apple aphid, apply prior to leaf rolling 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. This product will not control late stage larvae. For San Jose scale, time applications to the crawler stage. Treat each generation. For late season (pre-harvest) control of leafhopper species, apply this product while most leafhoppers are in the nymphal stage. For control of mealybugs, ensure good spray coverage of the trunk and scaffolding limbs or other resting sites of the mealybug.
			<b>RESTRICTIONS:</b> • Do not apply more than 6.0 fl. oz. per acre in a single application. • Do not make more than 5 applications per year. • Allow 10 or more days between applications. • Allow at least 7 days between last application and harvest. • Do not apply more than 25.6 fl. oz. (0.4 lb. of active ingredient) per acre per year. *Not for use in California for control on pears.
<b>PECAN*</b>	Yellow pecan aphid Black margined aphid Pecan leaf <i>phyllloxera</i> Pecan spittlebug Pecan stem <i>phyllloxera</i>	1.5 fl. oz. (45 mL) per 100 gals. or 6.0 fl. oz./Acre <sup>1</sup>	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 specified use rate may improve coverage. <b>RESTRICTIONS:</b> • Do not apply more than a total of 18.0 fl. oz. of this product per acre per year. • Do not make more than 3 applications per year. • Allow 6 or more days between applications. • Allow 7 days between last application and harvest. *Use on pecans not permitted in California unless directed by State-specific 24(c) labeling.
<b>GRAPES</b>	Leafhoppers (including glassy-winged sharp-shooter) Mealybugs	1.5 fl. oz. (45 mL) per 100 gals. or 3.0 fl. oz./Acre (90 mL/Acre)	Apply specified dosage as a foliar spray using 200 gallons of water per acre. Make applications up to and including day of harvest. <b>RESTRICTIONS:</b> • Do not apply more than a total of 6.0 fl. oz. of this product per acre per year. • Allow at least 14 days between applications. • Allow 0 days between last application and harvest.

<sup>1</sup>The amount of this product 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.

## STORAGE AND DISPOSAL

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

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

Handle and open container in a manner as to prevent spillage. If the container is leaking, invert to prevent leakage. If container is leaking or material spilled for any reason or cause, carefully dam up spilled material to prevent runoff. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Absorb spilled material with absorbing type compounds and dispose of as directed for pesticides below. In spill or leak incidents, keep unauthorized people away.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER HANDLING: Nonrefillable container (equal to or less than 5 gallons).** Do not refill or reuse container. Triple rinse container (or equivalent) promptly after emptying. Triple recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by incineration.