

3.6875"

2.5"

**PARA EL USUARIO:** Si usted no lee o entiende inglés, no use este producto hasta que le hayan explicado completamente las instrucciones que figuran en la etiqueta.

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

For MEDICAL And TRANSPORTATION Emergencies **ONLY** Call 24 Hours A Day 1-800-334-7577

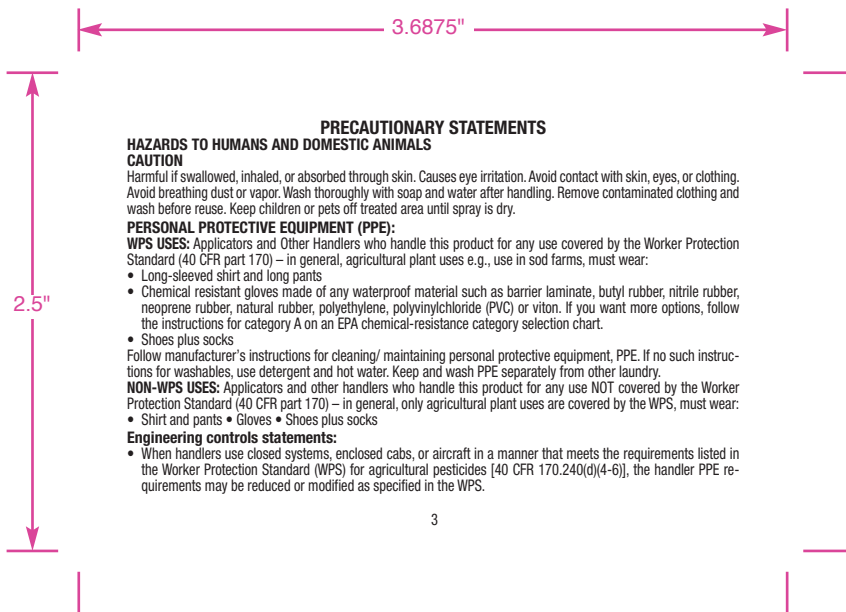
For PRODUCT USE Information Call 1-800-331-2867

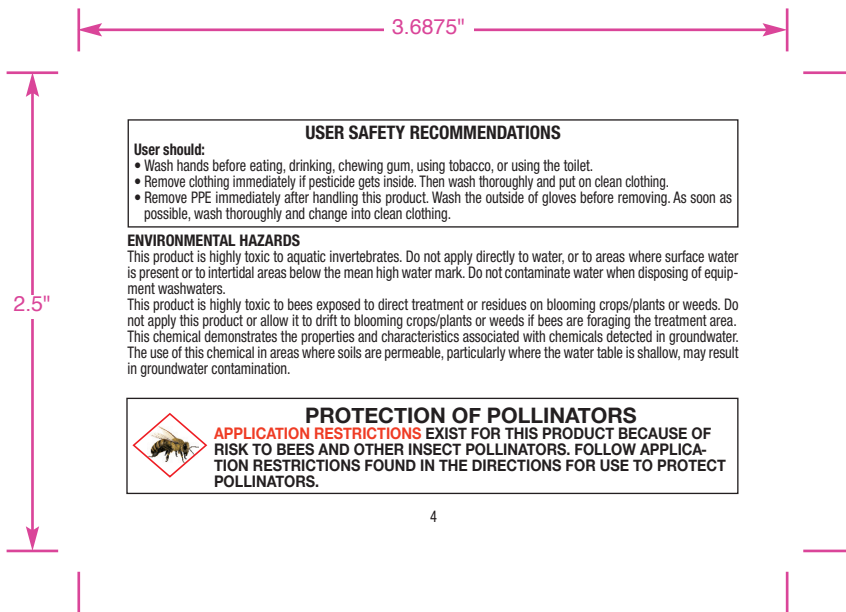
#### FIRST AID

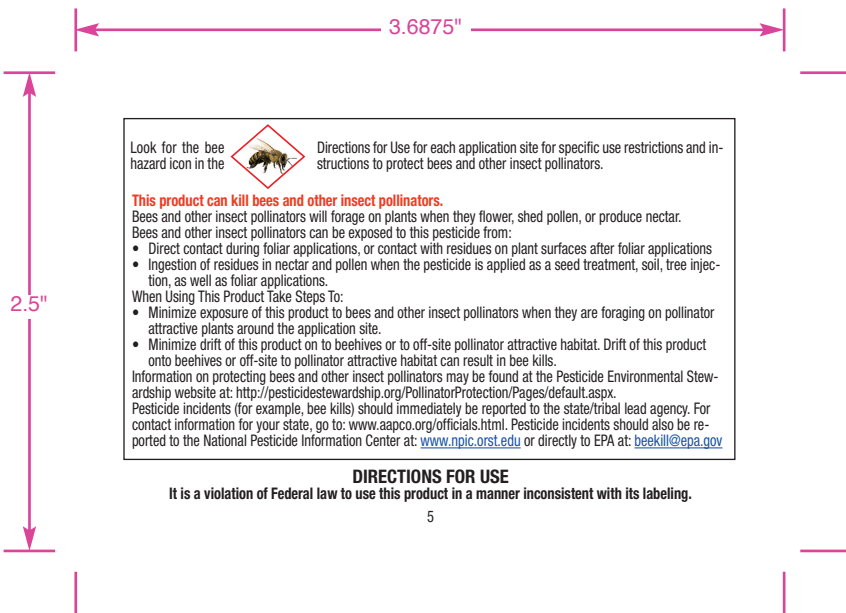
<b>If swallowed:</b>	<ul style="list-style-type: none"><li>• Call a poison control center or doctor immediately for treatment advice.</li><li>• Have person sip a glass of water if able to swallow.</li><li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul>
<b>If on skin or clothing:</b>	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15 - 20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>If in eyes:</b>	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>

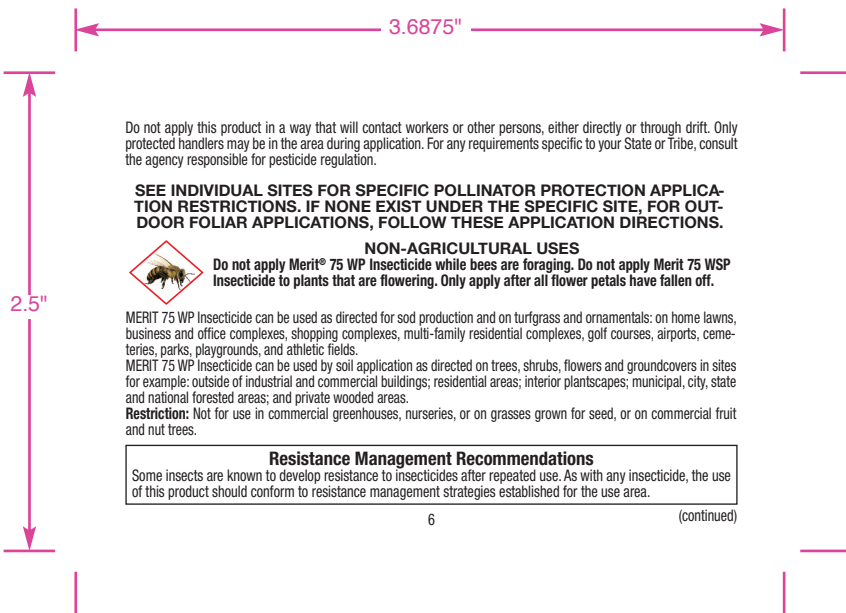
In case of emergency call toll free the Bayer Environmental Science Emergency Response Telephone No. 1-800-334-7577. Have a product container or label with you when calling a poison control center or doctor, or going for treatment.

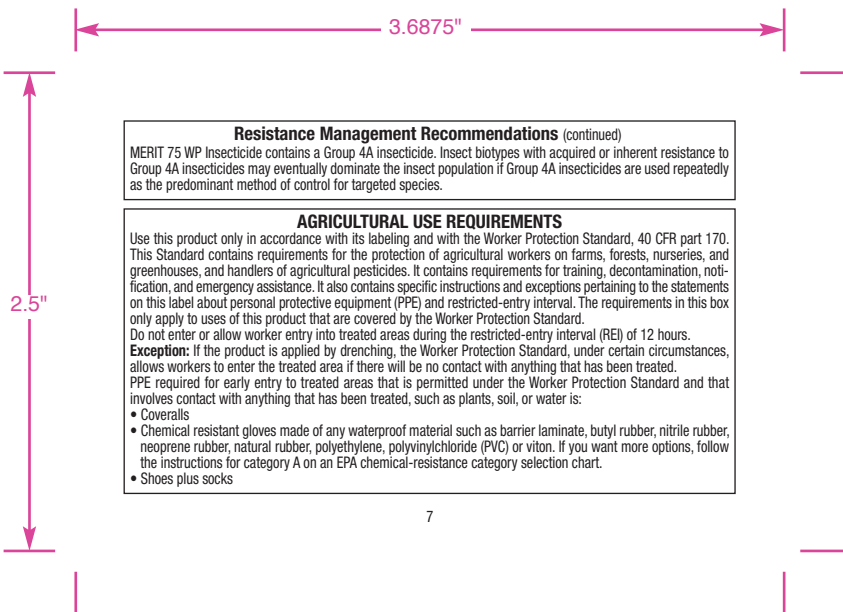
**NOTE TO PHYSICIAN:** No specific antidote is available. Treat the patient symptomatically.

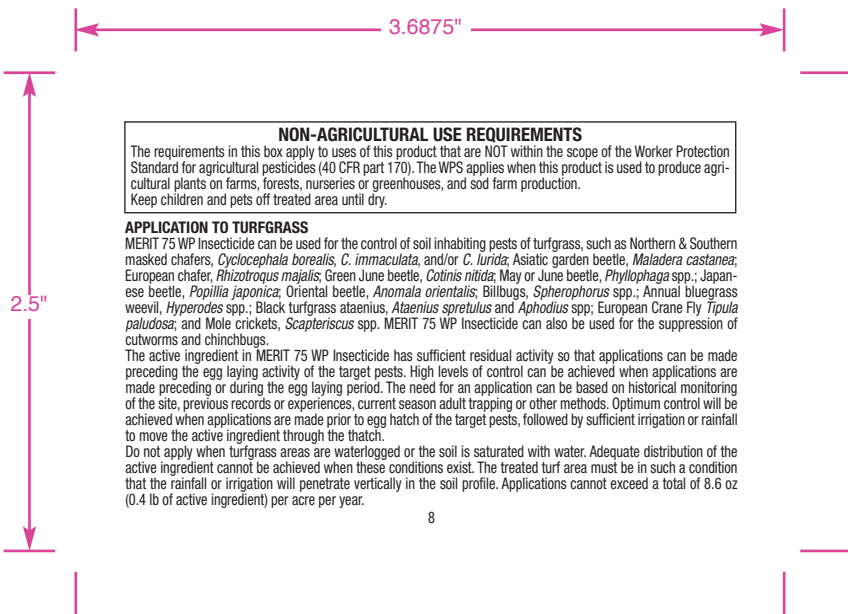




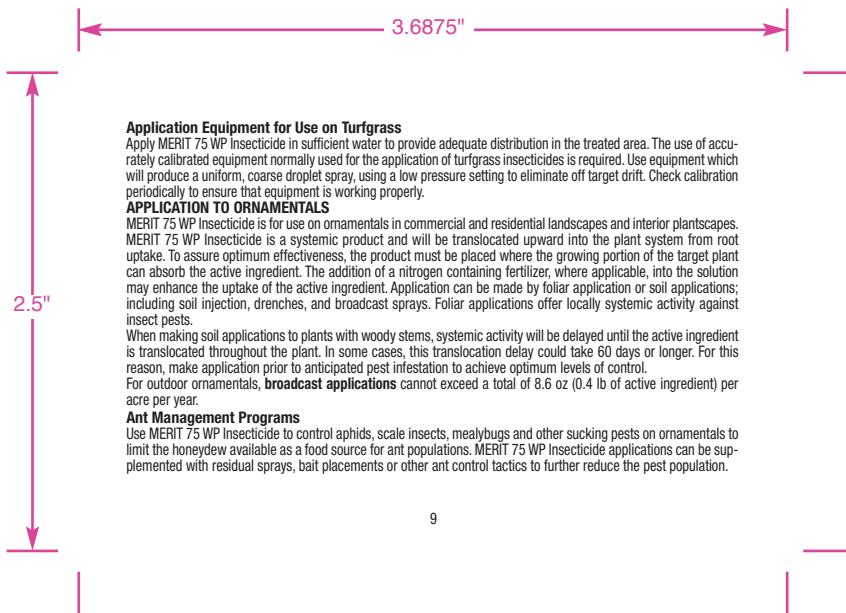












#### **Application Equipment for Use on Turfgrass**

Apply MERIT 75 WP Insecticide in sufficient water to provide adequate distribution in the treated area. The use of 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**

MERIT 75 WP Insecticide is for use on ornamentals in commercial and residential landscapes and interior plantscapes. MERIT 75 WP Insecticide is a systemic product and will be translocated upward 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 translocated throughout the plant. In some cases, this translocation delay could take 60 days or longer. For this reason, make application prior to anticipated pest infestation 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 MERIT 75 WP 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. MERIT 75 WP Insecticide applications can be supplemented with residual sprays, bait placements or other ant control tactics to further reduce the pest population.

3.6875"

2.5"

**Application Equipment for Foliar Applications**

MERIT 75 WP 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.

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

MERIT 75 WP Insecticide 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.

Do not apply through any irrigation system.

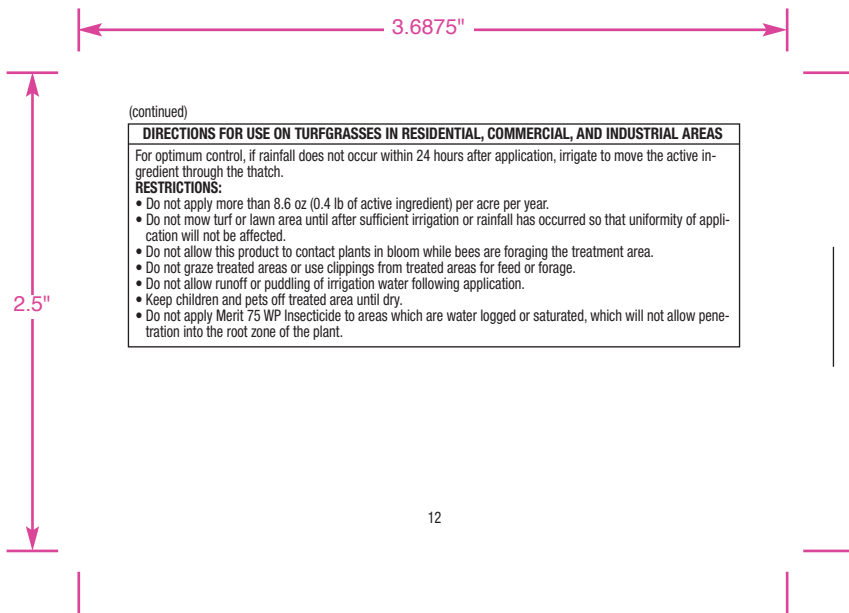
DIRECTIONS FOR USE ON TURFGRASSES IN RESIDENTIAL, COMMERCIAL, AND INDUSTRIAL AREAS			
SITE	PEST		DOSAGE MERIT 75 WP INSECTICIDE
<b>TURFGRASSES</b> (Residential home lawns, business and office complexes, shopping complexes, multifamily residential complexes, golf courses, airports, cemeteries, parks, playgrounds, athletic fields)	<b>Larvae of:</b>	European Crane Fly	6.4 to 8.6 oz per acre or 3 to 4 level teaspoons per 1000 sq ft
	Annual bluegrass weevil	Green June beetle	
	Asiatic garden beetle	Japanese beetle	
	Billbug	Northern masked chafer	
	Black turfgrass atenauius	Oriental beetle	
	Cutworms (suppression)	<i>Phyllophaga</i> spp.	
	European chafer	Southern masked chafer	

3.6875"

2.5"

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DIRECTIONS FOR USE ON TURFGRASSES IN RESIDENTIAL, COMMERCIAL, AND INDUSTRIAL AREAS		
SITE	PEST	DOSAGE MERIT 75 WP INSECTICIDE
TURFGRASSES (Residential home lawns, business and office complexes, shopping complexes, multifamily residential complexes, golf courses, airports, cemeteries, parks, playgrounds, athletic fields)	For optimum control of grubs, billbugs, annual bluegrass weevil, and European crane fly larvae, make application prior to egg hatch of the target pest. Be sure to read "APPLICATION EQUIPMENT" Section of this label. NOTE: 1 level teaspoon = 1.4 grams MERIT 75 WP Insecticide 3 level teaspoons = 1 level Tablespoon	
	Chinchbug (suppression)	Mole crickets
	8.6 oz. per acre or 4 level teaspoons per 1,000 sq. ft.	
	For suppression of chinch bugs, 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. If application is not made prior to egg hatch or when adults or large nymphs are present and actively tunneling, apply Merit 75 WP Insecticide in combination with a remedial insecticide to minimize damage to turf. 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.		

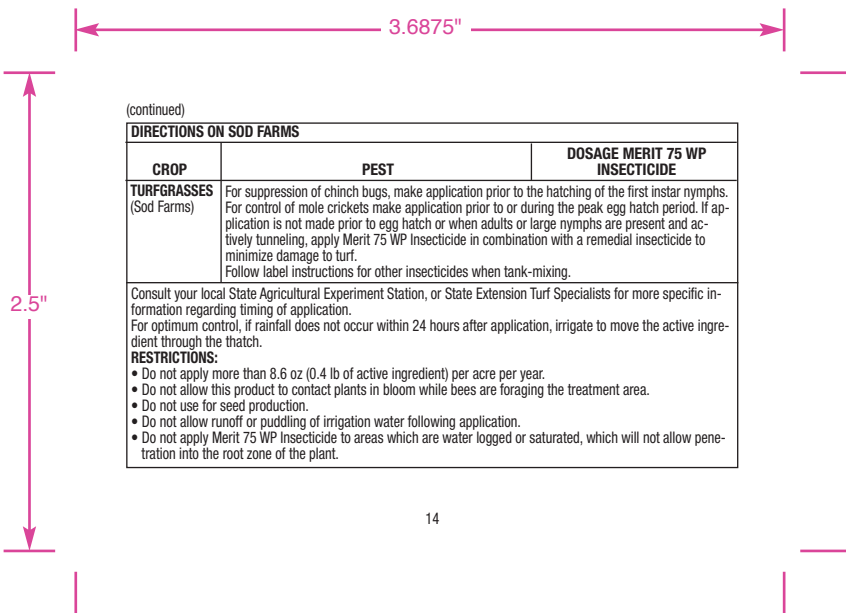


3.6875"

2.5"

DIRECTIONS ON SOD FARMS		
CROP	PEST	DOSAGE MERIT 75 WP INSECTICIDE
TURFGRASSES (Sod Farms)	<b>Larvae of:</b> 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
	6.4 to 8.6 oz per acre or 3 to 4 level teaspoons per 1000 sq ft	
	For optimum control of grubs, billbugs, annual bluegrass weevil, and European crane fly larvae, make application prior to egg hatch of the target pest. Be sure to read "APPLICATION EQUIPMENT" Section of this label. NOTE: 1 level teaspoon = 1.4 grams MERIT 75 WP Insecticide 3 level teaspoons = 1 level Tablespoon	
	Chinchbug (suppression)	Mole crickets
		8.6 oz. per acre or 4 level teaspoons per 1,000 sq. ft.

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3.6875"

2.5"

DIRECTIONS FOR APPLICATION TO OUTDOOR ORNAMENTALS IN RESIDENTIAL, COMMERCIAL, AND INDUSTRIAL LANDSCAPE AREAS				
SITE	PEST		DOSAGE MERIT 75 WP INSECTICIDE	
Trees Shrubs Evergreens Flowers Foliage plants Groundcovers	Adelgids (including hemlock woolly adelgid) Aphids Leaf-feeding beetles (Japanese beetle, emerald ash borer and vine weevil adults) Leaf-feeding bugs (including lace bugs, leaf bugs, and plant bugs)	Leafhoppers, planthoppers, sharpshooters (including glassy-winged sharpshooter) and spittle bugs Mealybugs Psyllids Sawfly larvae Thrips (foliage only) Whiteflies	MERIT 75 WP Insecticide (level measure) 0.25 tsp. 0.5 tsp. 1 tsp. 2.5 tsp. 5 tsp. 3 Tbsp. + 1 tsp.	<u>WATER</u> 2.5 gal. 5 gal. 10 gal. 25 gal. 50 gal. 100 gal.
<b>Foliar Applications:</b> Start treatments prior to establishment of high pest populations and reapply on an as needed basis.				
White grub larvae (such as Japanese beetle larvae, Chafer, <i>Phyllophaga</i> spp. Asiatic garden beetle, Oriental beetle)			3 to 4 level teaspoons per 1000 sq ft	
<b>Broadcast Applications:</b> Mix required amount of product in sufficient water to uniformly and accurately cover the area being treated. Do not use less than 2 gallons of water per 1000 sq ft. For optimum control, irrigate thoroughly to incorporate MERIT 75 WP Insecticide into the upper soil profile.				

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3.6875"

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**DIRECTIONS FOR APPLICATION TO OUTDOOR ORNAMENTALS IN RESIDENTIAL, COMMERCIAL, AND INDUSTRIAL LANDSCAPE AREAS****RESTRICTIONS:**

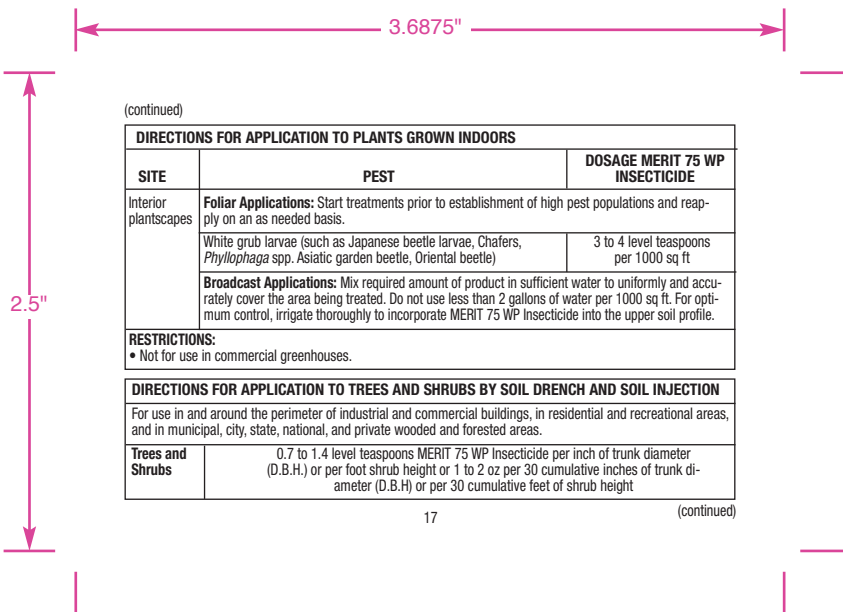
- Follow application restrictions for Non-Agricultural Uses on page 6 to protect bees and other insect pollinators
- Do not apply more than 8.6 oz (0.4 lb of active ingredient) per acre per year.
- Keep children and pets off treated area until dry.
- Do not apply this product, by any application method, to linden, basswood, or other Tilia species.

**DIRECTIONS FOR APPLICATION TO PLANTS GROWN INDOORS**

SITE	PEST	DOSAGE MERIT 75 WP INSECTICIDE	
Interior plantscapes	Adelgids (including hemlock woolly adelgid)	MERIT 75 WP Insecticide (level measure)	WATER
	Aphids	0.25 tsp.	2.5 gal.
	Leaf-feeding beetles (Japanese beetle, emerald ash borer and vine weevil adults)	0.5 tsp.	5 gal.
	Leaf-feeding bugs (including lace bugs, leaf bugs, and plant bugs)	1 tsp.	10 gal.
	Leafhoppers, planthoppers, sharpshooters (including glassy-winged sharpshooter) and spittle bugs	2.5 tsp.	25 gal.
	Mealybugs	5 tsp.	50 gal.
	Psyllids	3 Tbsp. + 1 tsp.	100 gal.
	Sawfly larvae		
	Thrips (foliage only)		
	Whiteflies		

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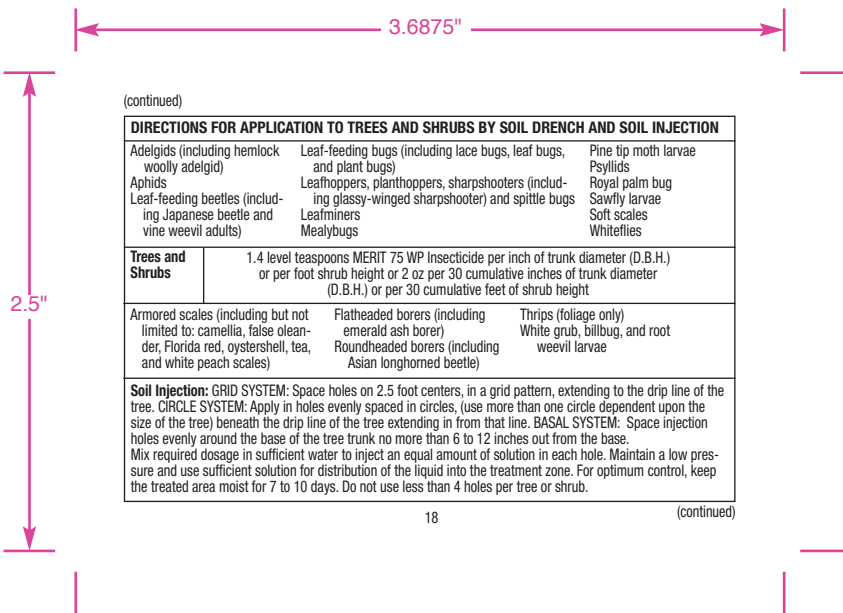




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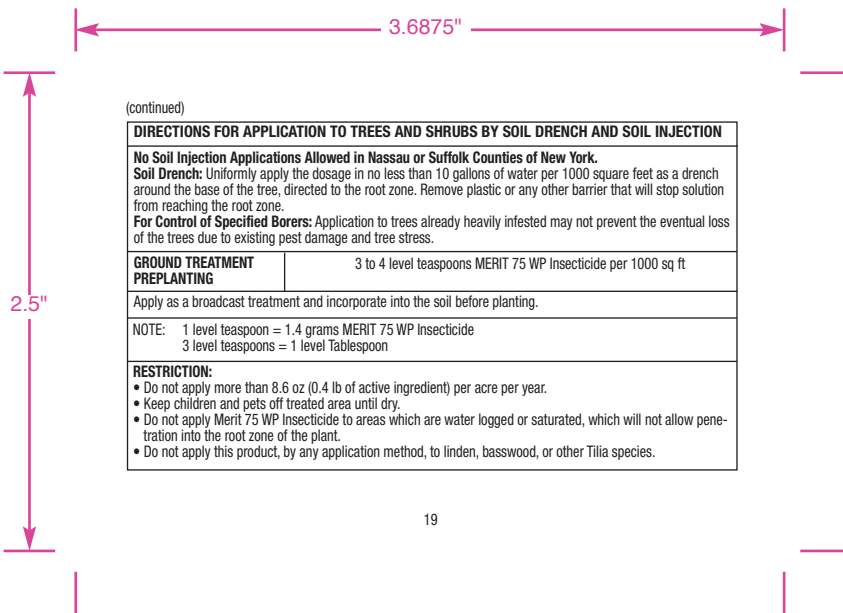
DIRECTIONS FOR APPLICATION TO PLANTS GROWN INDOORS		
SITE	PEST	DOSAGE MERIT 75 WP INSECTICIDE
Interior plantscapes	<b>Foliar Applications:</b> Start treatments prior to establishment of high pest populations and reapply on an as needed basis.	
	White grub larvae (such as Japanese beetle larvae, Chafer, <i>Phyllophaga</i> spp. Asiatic garden beetle, Oriental beetle)	3 to 4 level teaspoons per 1000 sq ft
	<b>Broadcast Applications:</b> Mix required amount of product in sufficient water to uniformly and accurately cover the area being treated. Do not use less than 2 gallons of water per 1000 sq ft. For optimum control, irrigate thoroughly to incorporate MERIT 75 WP Insecticide into the upper soil profile.	
<b>RESTRICTIONS:</b> <ul style="list-style-type: none"><li>• Not for use in commercial greenhouses.</li></ul>		

DIRECTIONS FOR APPLICATION TO TREES AND SHRUBS BY SOIL DRENCH AND SOIL INJECTION	
For use 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.	
<b>Trees and Shrubs</b>	0.7 to 1.4 level teaspoons MERIT 75 WP Insecticide per inch of trunk diameter (D.B.H.) or per foot shrub height or 1 to 2 oz per 30 cumulative inches of trunk diameter (D.B.H) or per 30 cumulative feet of shrub height



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DIRECTIONS FOR APPLICATION TO TREES AND SHRUBS BY SOIL DRENCH AND SOIL INJECTION		
Adelgids (including hemlock woolly adelgid)	Leaf-feeding bugs (including lace bugs, leaf bugs, and plant bugs)	Pine tip moth larvae Psyllids
Aphids	Leafhoppers, planthoppers, sharpshooters (including glassy-winged sharpshooter) and spittle bugs	Royal palm bug Sawfly larvae
Leaf-feeding beetles (including Japanese beetle and vine weevil adults)	Leafminers Mealybugs	Soft scales Whiteflies
<b>Trees and Shrubs</b>	1.4 level teaspoons MERIT 75 WP Insecticide per inch of trunk diameter (D.B.H.) or per foot shrub height or 2 oz per 30 cumulative inches of trunk diameter (D.B.H.) or per 30 cumulative feet of shrub height	
Armored scales (including but not limited to: camellia, false oleander, Florida red, oystershell, tea, and white peach scales)	Flatheaded borers (including emerald ash borer) Roundheaded borers (including Asian longhorned beetle)	Thrips (foliage only) White grub, billbug, and root weevil larvae
<b>Soil Injection:</b> GRID SYSTEM: Space holes on 2.5 foot centers, in a grid pattern, extending to the drip line of the tree. CIRCLE SYSTEM: Apply in holes evenly spaced in circles, (use more than one circle dependent upon the size of the tree) beneath the drip line of the tree extending in from that line. BASAL SYSTEM: Space injection holes evenly around the base of the tree trunk no more than 6 to 12 inches out from the base. Mix required dosage in sufficient water to inject an equal amount of solution in each hole. Maintain a low pressure and use sufficient solution for distribution of the liquid into the treatment zone. For optimum control, keep the treated area moist for 7 to 10 days. Do not use less than 4 holes per tree or shrub.		



3.6875"

# **DIRECTIONS FOR FOLIAR APPLICATION TO POME FRUITS, PECANS, AND GRAPES GROWN IN RESIDENTIAL AREAS**

SITE	PEST	RATE PER APPLICATION
<b>Pome Fruits</b> Apple Pear Crabapple Pear Loquat (oriental) Mayhaw Quince	Aphids (except Woolly apple aphid) Leafhoppers (including glassy-winged sharpshooter) Leafminer Mealybugs* San Jose scale*	0.5 oz (3 Tbsp. + 1 tsp.) per 100 gal 2 oz per acre <sup>1</sup>

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. MERIT 75 WP Insecticide will not control late stage larvae.

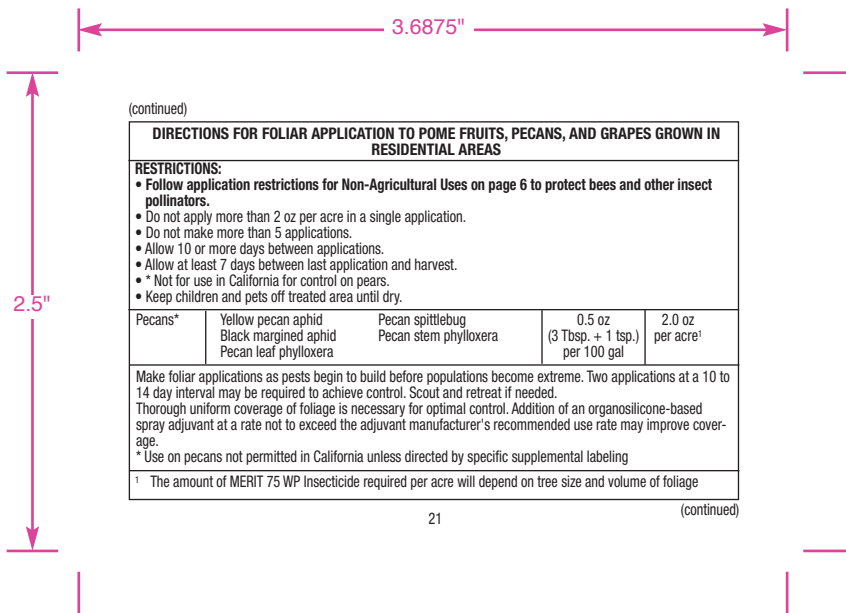
For San Jose Scale, time applications to the crawler stage. Treat each generation.

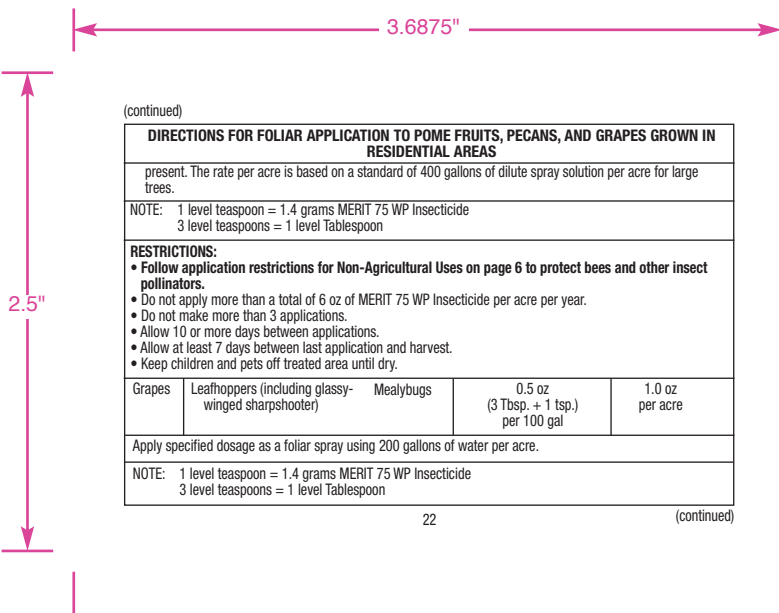
For late season (preharvest) control of leafhopper species, apply MERIT 75 WP Insecticide while most leafhoppers are in the nymphal stage.

For optimal control of mealybug, insure good spray coverage of the trunk and scaffolding limbs or other resting sites of the mealybug.

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**DIRECTIONS FOR FOLIAR APPLICATION TO POME FRUITS, PECANS, AND GRAPES GROWN IN RESIDENTIAL AREAS****RESTRICTIONS:**

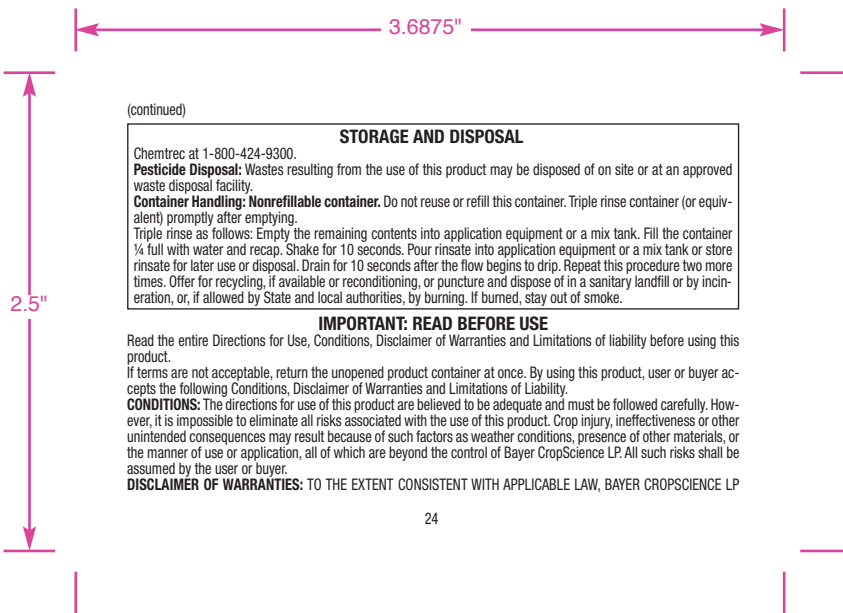
- Follow application restrictions for Non-Agricultural Uses on page 6 to protect bees and other insect pollinators.
- Do not apply more than a total of 6.0 oz of Merit 75 WP Insecticide per acre per year.
- Allow at least 14 days between applications.
- Applications may be applied up to and including day of harvest.
- Keep children and pets off treated area until dry.

**STORAGE AND DISPOSAL**

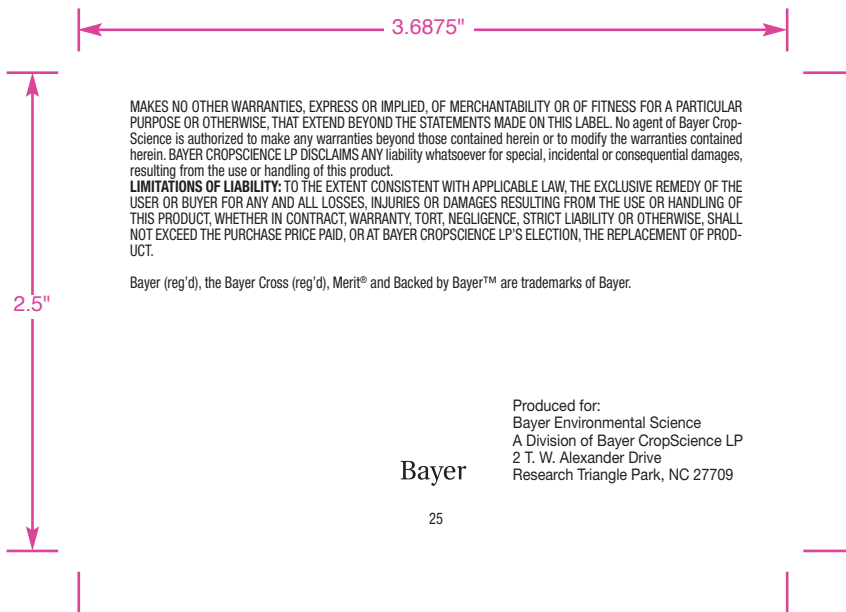
Do not contaminate water, food, or feed by storage or disposal.

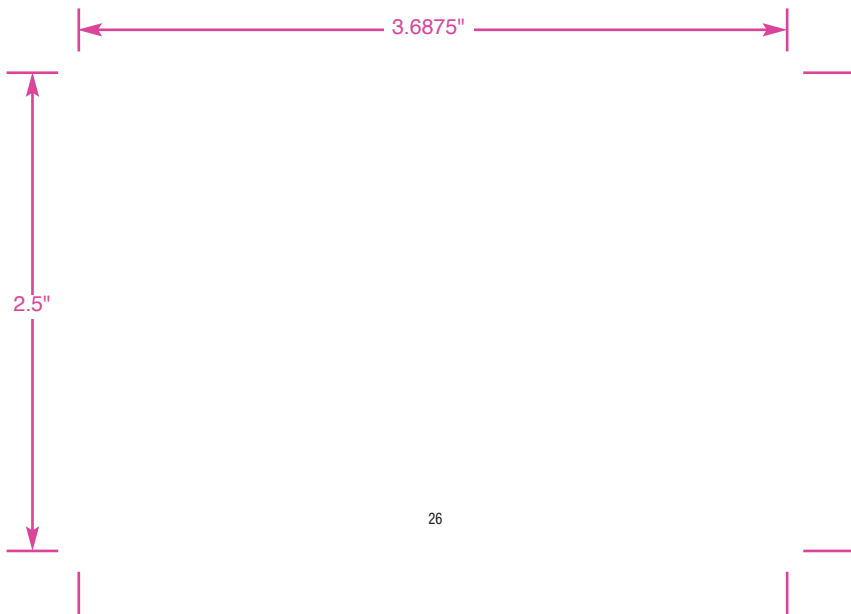
**Pesticide Storage:** Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area.

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. You may contact the Bayer Environmental Science Emergency Response Team for decontamination procedures or any other assistance that may be necessary. The Bayer Environmental Science Emergency Response Telephone No. is 1-800-334-7577 or contact









2.5"

8.625"

**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 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.

Refer to attached leaflet for complete First Aid, Directions for Use, Precautionary Statements and Storage and Disposal instructions.

Bayer

Produced for:  
Bayer Environmental Science  
A Division of Bayer CropScience LP  
2 T. W. Alexander Drive  
Research Triangle Park, NC 27709  
Product of China

**MERIT® 75WP****GROUP 4A INSECTICIDE****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%

EPA Reg. No. 432-1314

EPA Est. No. 33967-NJ-1

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

PARA EL USUARIO: Si usted no lee o entiende inglés, no use este producto hasta que le hayan explicado completamente las instrucciones que figuran en la etiqueta.

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

For MEDICAL And TRANSPORTATION Emergencies ONLY Call 24 Hours A Day 1-800-334-7577  
For PRODUCT USE Information Call 1-800-331-2867

Net Contents

**2 Oz**

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03549171E 131205AV3

**BACKED**  
by **BAYER.**