



### INSECT CONTROL (For WDO Licensed Applicators)

**Table 1. Wood and Wood Structures: Insect Control**

Insect	Insecticide and Formulation	Amount to Use per Gallon of Water or as Specified	Application Method	Comments
<b>Carpenter Ants</b>				
<i><b>General Instructions:</b> Inspect house and/or grounds to find the nest and destroy it. Spraying foraging ants is the least effective control method; crack and crevice treatments directed where ants are located are more effective. Move wood piles away from house. Follow specific label instructions for each recommendation.</i>				
<i>Baits</i>				
	fipronil MAXFORCE ANT BAIT STATIONS (0.01%)	Containerized bait stations	Place about three stations in an average-size room.	Place bait stations where ants have been seen. Do not spray chemicals or disturb trails because ants will be repelled from the bait. Replace or remove bait stations on follow-up visits; empty stations will become hiding places for other ants.
	MAXFORCE CARPENTER ANT BAIT GEL (0.01%)			Place gel as a crack and crevice or spot treatment into areas where ants have been seen. For both indoor and outdoor ant control. Use only in areas not easily accessible to children and pests. <b>DO NOT</b> store this product in direct sunlight or where temperature may exceed 80°F.
	hydramethylnon MAXFORCE GRANULAR INSECT BAIT (1.0%)	INDOOR: 0.5 oz./ cracks, crevices, or other inaccessible areas Broadcast - 0.5 oz./ 100 sq. ft.	Apply into cracks, crevices, or other inaccessible areas. Broadcast in unfinished attics and crawl spaces.	Use limited to areas inaccessible to children and pets such as cracks, crevices, wall voids, unfinished attics, crawl spaces, and behind switch plates within residential and non-residential buildings and structures.
		OUTDOOR: Perimeter - 0.5 oz./ 25 linear ft. Broadcast - 1 oz./ 1,800 sq. ft.	Sprinkle evenly in a 1- to 2-foot wide band or broadcast evenly around perimeter.	Treat near visible trails, as well as landscape timbers, and around trees, wood piles, air conditioning units, and garbage receptacles. Do not use on edible food crops or areas intended for edible food crop production.
		REFILLABLE STATIONS: 1-3 oz. (2-6 T.)/ station	Position stations in areas approximately 20 to 30 feet apart.	For best results, place stations in situations where target species are found or seen.

Insect	Insecticide and Formulation	Amount to Use per Gallon of Water or as Specified	Application Method	Comments
<b>Carpenter Ants (cont.)</b>				
<i>Liquids and Dusts</i>				
	bendiocarb FICAM PLUS FICAM DUST (1%)	1 packet 0.33-0.66 oz./sq.yd.		Treat the nest and galleries; seal holes. Dust nest and galleries; seal holes. Do not dust when windy.
	beta-cyfluthrin TEMPO ULTRA WP, SC (0.05%)	WP: 20 g (four scoops)/gal. SC: 0.54 fl.oz./gal.	Apply spray or foam where pest can find home or shelter in house; apply outdoors in trees, utility poles, fencing, decking, or similar structure members or under firewood.	Apply around doors, windows ,or other areas where carpenter ants may enter. Maybe used as spray, mist, or foam applied through small drill holes into cracks, crevices, and voids where ants or nests are present.
	boric acid PERMA-DUST (20%)	Ready-to-use	SOIL TUNNELING: Apply as soil drench at 1 gal./8 sq. ft. Spray 5-10 seconds.	Establish uniform vertical barrier. Do not treat firewood. Spray into galleries with wood injector nozzle.
	carbaryl SEVIN DUST	See label.	Use duster.	
	cyfluthrin TEMPO 20WP (0.1%)	19 g or 0.33 oz. (two 9.5 g packets)	Spray or brush on. Do not exceed 1 gal./1000 sq.ft.; for tunneling in soil, do not exceed 1 qt./linear ft.	Treat nest, galleries, and wall voids where ants are found; seal holes. Agitate often.
	TEMPO DUST (1%)	0.5-1 lb./1,000 sq.ft.	Apply directly into voids, cracks, and crevices using hand or power dusters or other suitable equipment.	Apply to voids and damaged wood under fascia boards and top sill plates, in cracks and crevices, in crawl spaces, under shingles, behind gutters, and in other areas where carpenter ants may enter. Also for control inside trees, utility poles, fencing, and decking materials.
	OPTEM PT 600 (0.05%) (0.1%)	1 fl.oz. 2 fl.oz.	Spray until wet, but <b>NOT</b> to runoff.	Treat nest, galleries, and wall voids where ants are found; seal holes.
	cypermethrin DEMON TC (0.25%) (0.5%) (1%)	1.25 fl.oz. 2.5 fl.oz. 5 fl.oz.	Spray or brush on until wet but <b>NOT</b> to runoff. Do not exceed 1 gal./1000 sq.ft.	Treat nest, galleries, and wall voids where ants are found; seal holes. The 0.25% dilution rate gives up to 5 weeks protection; 0.5%, up to 11 weeks; 1%, up to 1 year. <b>DO NOT</b> use in food handling establishments.

Insect	Insecticide and Formulation	Amount to Use per Gallon of Water or as Specified	Application Method	Comments
<b>Carpenter Ants (cont.)</b>				
<i>Liquids and Dusts (cont.)</i>				
	deltamethrin DELTADUST (0.05%)	See label.	Use duster.	A white, odor-free waterproof powder. Treat nest galleries and wall voids when ants are found. Seal holes.
	SUSPEND SC (0.06%)	1.5 fl.oz./gal.	INDOOR: Apply generally to surfaces, spots, cracks, crevices, or wall voids.  OUTDOOR: In trees, utility poles, fencing, decking, or similar structure members.  SOIL APPLICATION: For tunneling carpenter ants.	Apply around doors, windows, or other areas where carpenter ants may enter. May be applied as spray, mist, or foam through small drill holes into cracks, crevices, or voids where ants or nests are present.  Drill to find inferior infested cavity and inject suspension or foam using an appropriate tool with splash-back guard.  Drench or inject the suspension into the soil and establish a uniform vertical barrier at the edge of walls, driveways, and other hard surfaces.
	diazinon KNOX OUT 2FM (0.5%) (1%)	0.33 fl.oz./pt. 0.66 fl.oz./pt.	Spray or brush on until wet but <b>NOT</b> to runoff.	Treat nest, galleries, and wall voids where ants are found; seal holes.
	KNOX OUT ME PT 265A	Ready-to-use	Spray 5-10 seconds.	
	disodium octaborate tetrahydrate ARMOR-GUARD (98%)	10-15% solution or dust	See label.	Spray wood or dust wall voids. Treat nest, galleries, and wall voids where ants are found; seal holes.
	TIM-BOR	10-15% solution	Paint, spray, inject, or brush on to runoff. Wait 24 hours and repeat.	
	BORA-CARE	(40% liquid)	See label. Apply to bare wood to prevent insect infestation.	
	Fungus: <i>Metarhizium anisopliae</i> Strain ESC 1 BIO-BLAST	38 g	Inject into galleries, colonies, and carton nests in infested wood.	
	permethrin DRAGNET FT (0.5%)	1.66 fl.oz.	Spray or brush on until wet but <b>NOT</b> to runoff.	Treat nest, galleries, and wall voids where ants are found; seal holes.
	DRAGNET FT (0.5-2%)	See foamer instructions.	Foam expansion characteristics of 2-40.	Foam wall voids. Avoid foaming around electrical sources.
	proprymphos CATALYST (0.5%) (1%)	3.2 fl.oz. 6.4 fl.oz.	Spray or brush on until wet, but <b>NOT</b> to runoff.	Treat nest, galleries, and wall voids where ants are found; seal holes.

Insect	Insecticide and Formulation	Amount to Use per Gallon of Water or as Specified	Application Method	Comments
<b>Carpenter Ants (cont.)</b>				
<i>Liquids and Dusts (cont.)</i>				
	pyrethrins (1.0%) + PBO (10.0%) + silica gel (40.0%) DRIONE	See label.	Use duster.	See label. Treat entrance holes in wood.
	tralomethrin SAGA 40WP	0.2 fl.oz.	Spray or brush on until wet, but <b>NOT</b> to runoff.	Treat nest, galleries, and wall voids where ants are found; seal holes.
<b>Carpenter Bees</b>				
<b>General Instructions:</b> Treat for carpenter bees in the evening when bees are at rest. After treating carpenter bee holes, allow bees to return for 24 hours; then seal with wood putty. <b>Follow specific label instructions for each recommendation.</b> Contact the author or your county Extension agent for ANR-1056, "Carpenter Bee Damage," for more information.				
<i>Dusts</i>				
	bendiocarb FICAM DUST (1%)	0.33-0.66 oz. /sq.yd.	Use duster.	Treat entrance holes in wood. Do not dust when windy.
	carbaryl SEVIN (5-10%) DUST	See label.	Use duster.	Treat entrance holes in wood. Do not dust when windy.
	cyfluthrin TEMPO DUST (1%)	0.5-1 lb./1,000 sq.ft.	Apply directly into gallery entrance holes.	Leave entrance holes open 24 hours after treatment to be sure that returning bees are also killed. When no more activity occurs, seal the holes with a suitable sealant.
	deltamethrin DELTADUST	See label.	Use duster.	See label. Treat entrance holes in wood.
	malathion (4-5%) Dust	See label.	Use duster.	Treat in the evenings. Dust carpenter bee holes in wood. Do not dust when windy.
<i>Liquids</i>				
	bendiocarb FICAM WASP & HORNET SPRAY	Ready-to-use pressurized can	Spray until wet, but <b>NOT</b> to runoff.	Treat bees and entrance holes directly. Keep your back to breeze, if any. <b>DO NOT</b> use when windy. Trajectory spray; stand away from bees.
	beta-cyfluthrin TEMPO ULTRA WP, SC (0.05%)	WP: 20 g (four scoops)/gal. SC: 0.54 fl.oz./gal.	Apply directly into gallery entrance holes.	Leave entrance holes open 24 hours after treatment to be sure that returning bees are also killed. When no more activity occurs, seal the holes with a suitable sealant.
	cypermethrin DEMON TC (0.1%)	0.5 fl.oz.	Spray or brush on until wet, but <b>NOT</b> to runoff. Use pin-stream, no more than 20 psi.	Treat bees and entrance holes directly.
	deltamethrin SUSPEND SC (0.06%)	1.5 fl.oz./gal.	Apply directly into gallery entrance holes.	Leave entrance holes open 24 hours after treatment to be sure that returning bees are also killed. When no more activity occurs, seal the holes with suitable sealant.

Insect	Insecticide and Formulation	Amount to Use per Gallon of Water or as Specified	Application Method	Comments
<b>Carpenter Bees (cont.)</b>				
<i>Liquids (cont.)</i>				
	permethrin DRAGNET FT (0.5%)	1.66 fl.oz.	Spray or brush on until wet, but <b>NOT</b> to runoff. Use pin-stream, no more than 20 psi.	Treat in the evenings. Treat bees and entrance holes directly. Wait 24 hours; then seal holes.
	DRAGNET FT (0.5-2%)	See foamer instructions.	Foam expansion characteristics of 2-40.	Foam wall voids. Avoid foaming around electrical sources.
	FLEE (1%) (0.5%)	3.2 fl.oz. 1.6 fl.oz.	Spray or brush on until wet, but <b>NOT</b> to runoff. Use pin-stream, no more than 20 psi.	Treat in the evenings. Treat bees and entrance holes directly.
<b>Drywood Termites</b>				
<i>General Instructions: Drywoods are usually a problem only in the southern part of the state. Follow specific label instructions for each recommendation. If infestation is localized, wood replacement may be the best control option.</i>				
<i>Dusts</i>				
	cyfluthrin TEMPO DUST (1%)	0.5-1 lb./1,000 sq.ft.	Apply directly into galleries or wall voids for prevention of drywood infestation.	Apply using container or suitable device into galleries. Use power duster or other suitable equipment inside wall voids.
	deltamethrin DELTADUST	See label.	Use duster.	See label. Treat galleries and wall voids.
	disodium octaborate tetrahydrate SHELL-GUARD TIM-BOR	5 gal. of 10% water solution /1000 sq.ft. or 0.5 oz. dust/sq.ft.	Brush or spray.	Brush or spray 10% aqueous solution till surface is thoroughly wet; or drill-inject the solution under pressure into sound wood till run-off; or dust infested wood surface and wall void.
	pyrethrins (1.0%) + PBO (10.0%) + silica gel (40.0%) DRIONE	See label.	Use duster.	See label. Treat galleries and wall voids.
<i>Fumigants</i>				
	sulfuryl fluoride gas VIKANE	See label for ounce/hour requirements.	<b>ONLY</b> for professional fumigators who have completed Dow-Elanco's stewardship program.	Apply under gas-tight tarpaulins <b>ONLY</b> . Hold for 24 hours.
<i>Liquids</i>				
	acetamiprid + bifenthrin TRANSPORT TERMITICIDE	four 7.5 oz. bags/ 100 gal. (0.11 % ai)	Apply as a soil treatment.	Follow label directions.
	beta-cyfluthrin TEMPO ULTRA WP, SC (0.05%)	WP: 20 g (four scoops)/gal. SC: 0.54 fl.oz./gal.	Apply as spray or foam where pests have been seen or found.	Apply to in accessible galleries, voids, or surfaces by drilling and then injecting, spraying, or misting dilution or foam into damaged wood or wall void. Avoid contact of treated surface until dry.
	cyfluthrin TEMPO 20WP (0.1%)	19 g or 0.33 oz. (two 9.5 g packets)	Spray or brush on until wet, but <b>NOT</b> to runoff.	Treat galleries and wall voids. Agitate often.

Insect	Insecticide and Formulation	Amount to Use per Gallon of Water or as Specified	Application Method	Comments
<b>Drywood Termites (cont.)</b>				
<i>Liquids (cont.)</i>				
	cypermethrin DEMON TC (0.1%)	0.5 fl.oz.	Spray or brush on until wet, but <b>NOT</b> to runoff.	Treat galleries and wall voids.
	disodium octaborate tetrahydrate ARMOR-GUARD (98%) BORA-CARE TIM-BOR	1-to-1 dilution 10-20%	Paint, spray, inject, or brush on to runoff. Wait 24 hours and repeat.	Treat wooden members during construction. After construction, treat galleries and wall voids.
	D-limonene XT-2000	See label.	Spray or brush on.	Treat infested wood.
	imidacloprid PREMISE 75 WP, 2 SC (0.05%-0.1%)	WP: one or two packets/25 gal. SC: 0.54 fl.oz./gal.	Galleries and structural voids can be treated with spray mist, or foam into damaged wood or wall void.	Locate galleries by using visual signs (frass, pellets, blister wood, or emergence or clean-out holes), the presence of live insects, mechanical devices, or listening devices. Penetrate gallery system by drilling holes to receive injector tip or treatment tool. Distribute drill holes to adequately cover the gallery system. Treat exposed surfaces by brushing or applying coarse low-pressure sprays.
	PREMISE FOAM (0.05%)	Ready-to-use foam in a can.	Exposed wooden surfaces in attics, crawl spaces, and basements also may be treated. Galleries and structural voids can be treated by foaming into damaged wood or wall void.	Locate galleries by using visual signs (frass, pellets, blister wood, or emergence or clean-out holes), the presence of live insects, mechanical devices, or listening devices. Penetrate gallery system by drilling holes to receive injector tip or treatment tool. Distribute drill holes to adequately cover the gallery system.
	thiamethoxam OPTIGARD 2T (21.6%)	See label.		
<b>Old House Borers and Powder Post Beetles</b>				
<b>General Instructions:</b> Do not touch wall surfaces until dry. See Extension Circular ANR-825, "Controlling Wood-Boring Beetles In Houses," for more information.				
<i>Fumigants</i>				
	methyl bromide gas	See label.	<b>ONLY</b> for professional fumigators.	Apply under gas-tight tarpaulins <b>ONLY</b> . Hold for 24 hours at temperature above 60°F. Check special governmental restrictions.
	sulfuryl fluoride gas VIKANE	See label for ounce/hour requirements.	<b>ONLY</b> for professional fumigators who have completed Dow-Elanco's stewardship program.	Apply under gas-tight tarpaulins <b>ONLY</b> . Hold for 24 hours.

Insect	Insecticide and Formulation	Amount to Use per Gallon of Water or as Specified	Application Method	Comments
<b>Old House Borers and Powder Post Beetles (cont.)</b>				
<i>Liquids and Foams</i>				
	cyfluthrin TEMPO 20WP (0.1%)	19 g or 0.33 oz. (two 9.5 g packets)	Spray or brush on until wet, but <b>NOT</b> to runoff.	Treat wood surfaces, galleries, and wall voids. Agitate often.
	cypermethrin DEMON TC (0.1%) (0.25%)	5 fl.oz. 1.25 fl.oz.	Spray or brush on until wet, but <b>NOT</b> to runoff.	Treat wood surfaces, galleries, and wall voids.
	disodium octaborate tetrahydrate ARMOR-GUARD  BORA-CARE TIM-BOR (10%) (15%)	5 gal. of 10% water solution 1-to-1 dilution  1 lb. powder 1.5 lb. powder	Paint, spray, inject, or brush on to runoff. Wait 24 hours and repeat.	Treat wooden members during construction. After construction, treat galleries and wall voids. Brush or spray 10-percent aqueous solution of Armor-Guard until surface is thoroughly wet or drill-inject the solution under pressure into sound wood until runoff. Or, dust infested wood surface and wall void.
	fungus: <i>Metarhizium anisopliae</i> , Strain ESC 1 BIO-BLAST	38 g	Inject into galleries, colonies, and carton nests in infested wood.	
	imidacloprid PREMISE 75 WP, 2 SC (0.05%-0.1%)	WP: one or two packets/25 gal.  SC: 0.3-0.6 fl.oz./gal.	Galleries and structural voids can be treated with spray, mist, or foam into damaged wood or wall void.  Exposed wooden surfaces also may be sprayed or misted. See label.	Locate galleries by using visual signs (frass, pellets, blister wood, or emergence or clean-out holes), the presence of live insects, mechanical devices, or listening devices. Penetrate gallery system by drilling holes to receive injector tip or treatment tool. Distribute drill holes to adequately cover the gallery system. Treat exposed surfaces by applying coarse low-pressure sprays. See label.
	permethrin DRAGNET FT (0.5%)	1.66 fl.oz.	Spray or brush on until wet, but <b>NOT</b> to runoff.	Treat nest, galleries, and wall voids where ants are found; seal holes.
	DRAGNET FT (0.5-2%)	See foamer instructions.	Foam expansion characteristics of 2-40.	Foam wall voids. Avoid foaming around electrical sources.
<b>Powder Post Beetles</b> <i>See Old House Borers.</i>				

Insect	Insecticide and Formulation	Amount to Use per Gallon of Water or as Specified	Application Method	Comments
<b>Subterranean Termites</b>				
<i>General Instructions: Soil termiticides must be applied strictly at label rate using the maximum volume the soil can absorb. FIFRA's 2(ee) or "less-than label" clause does not apply to termite treatments. Using less than the label rate will compromise the protection of the structure, especially when dealing with the Formosan Subterranean Termite. Follow specific label instructions for each recommendation. See Extension Circulars ANR-1022, "IPM Tactics For Termite Control," and ANR-1035, "Formosan Subterranean Termite," for more information.</i>				
<i>Baits</i>				
	diflubenzuron EXTERRA	Bait station (in-ground)	See label.	Use Outpost Bait as supplemental or remedial treatment.
	ADVANCE	Bait station (above ground) Bait B ag (in & above ground)	See label. For inaccessible areas.	
	hydramethylnon SUBTERFUGE TERMITE BAIT (0.3%)		Bait station	Apply around buildings or structures where termite activity is confirmed or suspected.
	noviflumuron SENTRICON			
	sulfluramid FIRSTLINE	Bait station (above ground)	Locate active termite tubes, scrape tubes, and install. See label.	See FMC representative for more details.
	FIRSTLINE GT	Bait station (in-ground)	Identify "critical areas" and install.	Training by FMC required before use.
<i>Soil Treatment</i>				
	acetamiprid + bifenthrin TRANSPORT TERMITICIDE	four 7.5 oz. bags/ 100 gal. (0.11 % ai)	Apply as a soil treatment.	Follow label directions.
	bifenthrin TALSTAR (0.06%)	1 gal./10 sq.ft.	Horizontal barriers	Not for use on plants being grown for sale or other commercial use.
	chlorfenapyr PHANTOM (21.45%)	0.125-0.25%		For post-construction soil treatment and above ground void treatment. Be extremely cautious if treating structures with wells or cisterns.
	cypermethrin DEMON TC (0.25%) (0.5%)	1 gal./99 gal. 2 gal./98 gal.	See label. See label.	<b>DO NOT</b> apply near any body of water, cisterns, or wells.
	PREVAIL FT (0.25%)	1 gal./97 gal.	See label.	<b>DO NOT</b> apply near any body of water, cisterns, or wells.
	fenvalerate TRIBUTE EC	4 gal./96 gal.	See label.	<b>DO NOT</b> apply near any body of water, cisterns, or wells.
	fipronil TERMIDOR 80 WG, SC ( 0.06%) ( 0.12%)	1-1.5 gal./10 sq.ft. 4 gal./10 linear ft. 0.5-0.7 gal./10 sq.ft. 2 gal./10 linear ft.	Horizontal barriers Vertical barriers Horizontal barriers Vertical barriers	<b>DO NOT</b> treat around any edible plants. <b>DO NOT</b> apply near any body of water, cisterns, or wells. <b>DO NOT</b> treat soil that is water saturated or frozen.
	imidacloprid PREMISE 75 WP, 2 SC (0.05-0.1%) PREMISE FOAM PREMISE GEL	WP: one or two packets/25 gal. SC: 0.3-0.6 fl.oz./gal.	See label for pre-construction and post-construction treatment.	Treatment standards may vary due to regulations, treatment procedures, soil type, construction practices, and other factors. See label for additional information.

Insect	Insecticide and Formulation	Amount to Use per Gallon of Water or as Specified	Application Method	Comments
<b>Subterranean Termites (cont.)</b>				
<i>Soil Treatment (cont.)</i>				
	permethrin DRAGNET FT (0.5%) PRELUDE (0.5%) PRELUDE (1%) PRELUDE (2%)	1.25 gal./96 gal. 1 gal./10 sq.ft. 0.5-1 gal./10 sq.ft. 0.25-0.5 gal./10 sq.ft.	See label.	<b>DO NOT</b> apply near any body of water, cisterns, or wells. Avoid contamination of public and private water supplies.
<i>Wood Treatment</i>				
	cyfluthrin TEMPO 20WP (0.1%)	19 g or 0.33 oz. (two 9.5 g packets)	Spray or brush on until wet, but <b>NOT</b> to runoff.	Treat galleries and wall voids. Agitate often.
	cypermethrin DEMON TC (0.1%)	0.5 fl.oz.	Spray or brush on until wet, but <b>NOT</b> to runoff.	Treat galleries and wall voids.
	deltamethrin SUSPEND SC (0.06%)	1.5 fl.oz./gal.	INDOOR: Apply generally to surfaces, spots, cracks, crevices, or wall voids. Apply as direct treatment into galleries. See label.  OUTDOOR: In trees, utility poles, fencing, decking, or similar structure members.	Locate galleries and penetrate gallery system into damaged wood by drilling holes to receive injector tip or treatment tool. Distribute drill holes to adequately cover the gallery system. Use coarse low-pressure sprays for treating exposed surfaces. See label.  Drill to find inferior infested cavity and inject suspension or foam using an appropriate tool with splash-back guard.
	disodium octaborate tetrahydrate ARMOR-GUARD (98% by weight)	5 gal.of 10% water solution/1000 sq.ft. or 0.5 oz. dust/sq.ft.	Paint, spray, inject, or brush on to runoff. Wait 24 hours and repeat.	Treat wooden members during construction. After construction, treat galleries and wall voids.
	BORA-CARE TIM-BOR (10%) (15%)	1-to-1 dilution  1 lb. powder 1.5 lb. powder		
	imidacloprid PREMISE (0.05%) (0.10%)	4 pkg./100 gal. 8 pkg./100 gal.	Paint, spray, inject, brush, foam. See label.	Treat galleries and voids.
	PREMISE FOAM	Ready-to-use foam in a can.	Galleries and structural voids can be treated by foaming into damaged wood or wall void.	Locate galleries by using visual signs (frass, pellets, blister wood, emergence or clean-out holes), the presence of live insects, mechanical devices, or listening devices. Penetrate gallery system by drilling holes to receive injector tip or treatment tool. Distribute drill holes to adequately cover the gallery system.

Insect	Insecticide and Formulation	Amount to Use per Gallon of Water or as Specified	Application Method	Comments
<b>Subterranean Termites (cont.)</b>				
<i>Wood Treatment (cont.)</i>				
	<i>Metarhizium anisopliae</i> , Strain ESC 1 BIO-BLAST	38 g	Inject into galleries, colonies, and carton nests in infested wood.	

**Table 2. Wood Proof Materials**

Active Material	Trade Name	Characteristics	Registrant
lambda cyhalothrin	IMPASSE TERMITE BLOCKER	A termiticide "locked in" between outer polymer layers	Syngenta Crop Science
stainless steel	TERMI-MESH	A marine grade 316 stainless steel wire mesh (aperture of 0.66 x 0.45 mm)	Termi-Mesh Australia Pty. Ltd.
aluminum	ALTERM	Solid 0.5 mm marine grade aluminum	Alterm Pty. Ltd.
basaltic rock	GRANITGARD	Graded stone particles (roughly 16 grit)	GranitGard Pty. Ltd.

Wood and Wood Structures: Insect Control prepared by Xing Ping Hu, *Extension Specialist*, Associate Professor, Entomology and Plant Pathology, Auburn University.

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**For more information**, call your county Extension office. It is listed in your telephone directory under your county's name.

Use pesticides **only** according to the directions on the label. Follow all directions, precautions, and restrictions that are listed. Do not use pesticides on plants that are not listed on the label.

The pesticide rates in this publication are recommended **only** if they are registered with the Environmental Protection Agency or the Alabama Department of Agriculture and Industries. If a registration is changed or cancelled, the rate listed here is no longer recommended. Before you apply **any** pesticide, check with your county Extension agent for the latest information.

Trade names are used **only** to give specific information. The Alabama Cooperative Extension System does not endorse or guarantee any product and does not recommend one product instead of another that might be similar.

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