

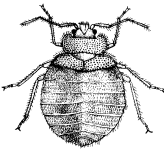
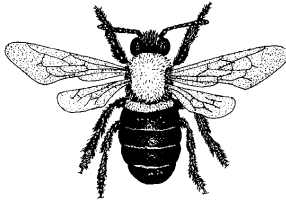
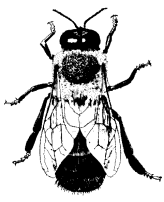


**Control Measures for Household and Structural Pests (continued)**

Pests	Pesticide	Actual Chemical Wanted		Method of Application	Remarks
		Spray	Dust		
<b>Assassin Bugs</b>  (length, 3/4")	<sup>F</sup> chlorpyrifos (Dursban)	0.5%	—	<b>Indoors:</b> Apply spot application on bugs and at points of entry.	<b>Non-chemical control:</b> Individual bugs can simply be picked up with a vacuum cleaner and then the sweeper bag contents destroyed. Or the bugs can be collected with a broom and dust pan, crushed, and discarded. Don't handle assassin bugs with bare hands since the bite is painful. Relief from bites can be obtained by using lotions of 0.25% menthol, 1% phenol or 2% camphor.
	*cyfluthrin (Tempo)	0.05 to 0.1%	—		
	diazinon	0.5%	—		
	propoxur (Baygon)	0.5%	—		
<b>Bark Beetles</b>  (length, 1/4")				<b>No recommended pesticide.</b>	<b>Non-chemical control:</b> Maintain good tight window and door screens.  Usually these beetles hitchhike into the home by means of firewood. Store firewood outdoors and bring only enough indoors for immediate burning.
<b>Bed Bugs or Bat Bugs</b>  (length, 3/16")	ammonium phenate bromide (Microban)	0.69%	—	<b>On or near beds and furniture:</b> Spray slats, springs and frames of bed thoroughly. Spray mattress lightly with Steri-Fab. (Do not overlook mattress tufts and seams.)  Allow all treated surfaces to dry at least 4 hours before use.  Replace used bedding with clean, fresh bedding.  <b>Away from beds and furniture:</b> Paint or spray baseboards, cracks and crevices.	<b>Non-chemical control:</b> Thorough cleaning will reduce populations, but probably not eliminate them.  Wash bed sheets and clothing in extremely hot water (125 degrees F) with plenty of soap.  Check attic to determine if bats or birds are roosting there.
	amorphous silica gel (Drione, Tri-Die)	4%	40%		
	*cyfluthrin (Tempo)	0.05 to 0.1%	—		
	d-phenothrin (Steri-Fab)	0.23%	—		
	*deltamethrin (Suspend)	0.03%	—		
	diatomaceous earth (Answer, Organic Plus)	—	83.6 to 90%		
	diatomaceous earth + pyrethrins (Organic Plus)	—	90% + 0.2%		
	*permethrin (Flee)	0.5%	—		
	<sup>F</sup> pyrethrins (Exciter, Kicker, Pyreneone, Pyrethrum)	0.1 to 1%	—		
	resmethrin (Vectrin)	3%	—		
<b>Bees (Carpenter)</b>  (length, 3/4")	<sup>F</sup> bendiocarb (Ficam)	—	1%	<b>Outdoors:</b> A spray or dust should be directed at the wood galleries. Treat into holes. Later, when there is no activity, the holes can be filled with plastic wood or caulked and then painted. Treat adjacent wooden areas and other potential sites.  Attempt to spray or dust after dark when bees are calm. Treatments are preferred on cool nights.	<b>Non-chemical control:</b> Paint wood with oil base or polyurethane paint. This discourages bees from boring wood.
	*bendiocarb + pyrethrins (Ficam Plus)	0.25 to 0.5%	—		
	*bifenthrin (Biflex)	0.06%	—		
	boric acid (Perma-Dust)	—	20%		
	carbaryl (Apicide, Sevin)	1%	5%		
	<sup>F</sup> chlorpyrifos (Duration, Dursban, Empire, Engage, Tenure)	0.5%	1%		
	*cyfluthrin (Optem, Tempo)	0.1%	0.1%		
	*cypermethrin (Cynoff, Cyper-Active, Demon)	0.1 to 0.2%	—		
	*deltamethrin (Suspend)	0.03%	—		
	diazinon	—	—		
	*fenvalerate (Tribute)	0.2%	—		
	<sup>F</sup> permethrin (Astro, Dagnet, Flee, Prelude, Torpedo)	0.5%	—		
	propoxur (Baygon)	0.5%	—		
	pyrethrins (Microcare)	0.3%	1%		
resmethrin	3.0%	—			
*tralomethrin (Saga)	0.06%	—			
<b>Bees (Honey) (in walls of building)</b>  (length, 1/2")	acephate (Orthene)	—	—	<b>Outdoors:</b> Dusts should be directed into the opening where bees have established their nest. To avoid stings, attempt to apply treatment after dark when bees are calm and temperature is lower.  Place dust only in areas inaccessible to children and pets.  It is often necessary to repeat treatment on consecutive nights. Honey, comb and dead bees should be removed and destroyed.	<b>Non-chemical control:</b> Swarms (masses of honey bees on shrubs or other structures) can be hived by experienced beekeepers. Contact your county Extension office for names of beekeepers who might remove swarms. A small fee is usually charged.
	<sup>F</sup> bendiocarb (Ficam)	0.1 to 0.25%	1%		
	*bendiocarb + pyrethrins (Ficam Plus)	0.25% to 0.5%	—		
	*bifenthrin (Biflex)	0.06%	—		
	carbaryl (Apicide, Sevin)	1%	5%		
	<sup>F</sup> chlorpyrifos (Dursban)	—	—		
	*cyfluthrin (Tempo)	0.05 to 0.1%	0.1%		
	*cypermethrin (Cynoff, Cyper-Active, Demon, Vikor)	0.02%	—		
	*deltamethrin (Suspend)	0.03%	—		
	diazinon	—	—		
	<sup>T</sup> permethrin (Dagnet, Flee, Prelude)	0.5%	—		
pyrethrins (Microcare)	0.3%	1%			
*tralomethrin (Saga)	0.06%	—			

<sup>F</sup>Some formulations are Restricted Use, see label for details.  
<sup>T</sup>Outdoor Use Only  
 \*Restricted Use

Follow label directions