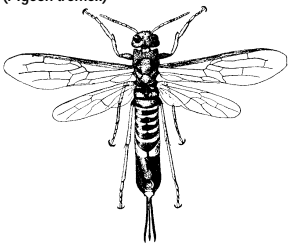


## Control Measures for Household and Structural Pests (continued)

Pests	Pesticide	Actual Chemical Wanted		Method of Application	Remarks
		Spray	Dust		
<b>Flour, Grain or Cheese Mites</b>	amorphous silica gel (Drione, Tri-Die)	4%	40%	<b>Indoors:</b> First thoroughly clean, then treat infested shelves. Cover shelves with clean, fresh shelf paper or foil after spray dries. Do <b>not</b> contaminate food or utensils.	<b>Non-chemical control:</b> Discard infested foods and keep "sound" food in containers with tight fitting lids. Store dry (130 degrees F) with low humidities. Infested grains and cheese in food handling institutions should be treated <b>only</b> by a licensed pest control applicator.
	diazinon	0.5%	—		
	pyrethrins (Exciter, Pyrenone, Pyrethrum, Synerol, X-Clude)	0.1 to 2.5%	—		
	resmethrin (Vectrin)	3%	—		
(length, 1/50")					
<b>Ground Beetles</b>	amorphous silica gel (Drione, Tri-Die)	4%	40%	<b>Indoors:</b> Apply spot applications on the beetles and at points of entry.	<b>Non-chemical control:</b> Usually individual beetles can simply be picked up with a vacuum cleaner and then the sweeper bag contents destroyed, or the beetles can be collected with a broom and dust pan, crushed and discarded.  Some beetles may be attracted to white, neon or mercury vapor lights. Use either high or low pressure sodium lighting (yellow light) or practice good night light discipline. Repair cracks and other points of entry.I  Beetles are only a nuisance and will not do damage or establish themselves indoors.
	<sup>F</sup> bendiocarb (Ficam)	0.25%	1% 2.5% granules		
	*bendiocarb + pyrethrins (Ficam Plus)	0.25 to 0.5%	—		
	<sup>F</sup> chlorpyrifos (Dursban)	0.5%	—		
	*cyfluthrin (Tempo)	0.05 to 0.1%	0.1%		
	diazinon	0.5%	—		
	<sup>FT</sup> permethrin (Astro, Dragnet, Flee, Prelude, Torpedo)	0.5%	—		
	*propetamphos (Safrotin)	1.0%	—		
	pyrethrins (Kicker, Uld)	0.1 to 3%	1%		
	(length 1/16" to 3/8")				
<b>Hackberry Psyllids</b>	acephate (Orthene)	0.05%	—	<b>Outdoors:</b> Hackberry tree leaves can be sprayed in early May to reduce population.  Spray chlorpyrifos around windows, doorways and other entry sites.	<b>Non-chemical control:</b> Maintain good, tight window and door screens. 18 mesh screening may be needed.  For persistent problems, removal of hackberry trees has been reported effective.
	<sup>F</sup> chlorpyrifos (Dursban)	0.5%	—		
	pyrethrins	0.1% to 0.25%	—		
(length, 1/8")					
<b>Hornets</b> (See Wasps)					
<b>Horntails (Pigeon tremex)</b>				<b>No recommended pesticide.</b>	<b>Non-chemical control:</b> Usually individuals can simply be picked up with a vacuum cleaner and then the sweeper bag contents destroyed, or they can be collected with a broom and dust pan, crushed and discarded.  Emergence may occur from firewood, hardwood floors, studs, joists, subflooring, etc. They do not reinfest wood in the house.  Large infestations and emergence can damage wall finish. Consider fumigation of heavy infestations by a licensed pest control operator.
<b>Lice</b>	ammonium phenate bromide complex (Microban)	0.69%	—	Pyrethrins will not kill the eggs or nits, therefore, several applications may be needed for effective control.	<b>Non-chemical control:</b> For body lice—clean undergarments and bed sheets are important. When laundering, lice are killed in five minutes, eggs in 10 minutes in 125 degrees F water.  Old-fashion green soap (coconut oil base) will kill lice effectively.  <b>For head lice—</b> Special combs, made to remove the eggs from the hair shaft, should be used daily. Do not transfer hats, wigs, scarfs, combs, brushes, etc., between persons.  <b>For crab lice—</b> Control is similar to that of head lice.
	amorphous silica gel (Drione, Tri-Die)	4%	40%		
	d-phenothrin (Steri-Fab)	0.23%	—		
	*deltamethrin (Suspend)	0.06%	—		
	diatomaceous earth + pyrethrins (Organic Plus)	—	90% + 0.2%		
	permethrin (Nix)	1% cream rinse	—		
	(Rid, Tegrin, R & C)	0.4 to 0.5%	—		
	pyrethrins	0.165%	—		
	(A-200, Inno Gel Plus, Pediculicide Liquid II, Pyrenone, Synerol)	0.165 to 2.5%	—		
	resmethrin (Vectrin)	3%	—		
shampoo + pyrethrins (A & C, Pronto, R & C, Rid, Tegrin)	0.33% shampoo	—			
(length, 1/16")					

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

Follow label directions