

CONTROL MEASURES FOR HOUSEHOLD AND STRUCTURAL PESTS (CONTINUED)

Pests	Pesticide	Actual Chemical Wanted		Method of Application	Remarks	
		Spray	Dust			
<p>(length, 1/32 to 3/16")</p>	amorphous silica gel (Tri-Die)	4%	—	Indoors: Spray moist places where psocids (booklice) are known to be present.	Non-chemical control: Remove books and papers from damp storage areas.	
	boric acid (Perma-Dust)	—	20%			
	^F chlorpyrifos (Duration, Dursban, Engage)	0.5%	—	Outdoors: Treat moist areas, including home foundation, rotting logs, grass piles, etc., around the perimeter of home.	Lower the humidity by airing the room through open doors, use of a fan or use of a dehumidifier. Raise the room temperature to 60 to 70 degrees F.	
	cyfluthrin (Optem)	0.5 to 1%	—			
	diazinon	1%	—			
	propoxur (Baygon)	1%	—			
pyrethrins (Microcare, Pyrethrum)	0.1% to 0.5%	—				
<p>(length, 5/8")</p>	acephate (Orthene)	—	—	Outdoors: Spray or dust the clusters of boxelder bugs on trunks of trees, or other areas where they gather.	Non-chemical control (indoors): Collect in vacuum cleaner, or by broom and dustpan and destroy.	
	amorphous silica gel (Drione, Tri Die)	4%	40%			
	boric acid (Perma-Dust)	—	20%	Place the dust only in areas inaccessible to children and pets.	Plug openings in window sashes to prevent entry. Caulk cracks and other points of entry. Removal of pistillate (seed-bearing) boxelder trees may help if no others are nearby.	
	carbaryl (Sevin)	0.25%	5%			
	^F chlorpyrifos (Duration, Dursban, Engage)	0.5%	—	Treat areas away from the foundation out to a 6 to 10 foot wide strip.		
	*cyfluthrin (Optem, Tempo)	0.1%	0.1%			
	*cypermethrin (Cynoff)	0.1%	—			
	diatomaceous earth (Answer, Organic Plus)	—	83.6 to 90%			
	diazinon	1%	—			
	^{FT} permethrin (Astro, Dagnet, Flee, Prelude, Torpedo)	0.5%	—			
	*propetamphos (Safrotin)	—	—			
	pyrethrins (Exciter, Microcare, Pyrenone, Synerol)	0.25% to 1%	—			
	<p>(length, 3/16")</p>	ammonium phenate bromide (Microban)	0.69%	—	Indoors: Spot treat rugs and carpets including baseboards evenly and lightly in areas of infestation.	Non-chemical Control: Follow good housekeeping practices. Clothing should be thoroughly brushed and hung outside in the sunlight. Dry cleaning kills these pests. Prevent lint and dust from accumulating. Clean hot air registers and cold air ducts. Use the vacuum cleaner regularly. Frequently remove and destroy the disposable vacuum cleaner bag. Never allow clothing, rugs, etc. to lie in a pile neglected over a period of time.
		^F bendiocarb	0.25%	1%		
*bendiocarb + pyrethrins		0.25 to 0.5%	—	Store only previously cleaned clothing, etc., in air-tight closets or air-tight containers. Use 1 lb. of naphthalene or paradichlorobenzene balls, flakes or crystals per 100 cu. ft. of space in these closets or containers.		
^F chlorpyrifos (Duration, Dursban, Empire, Engage)		0.2 to 0.5%	—			
*cyfluthrin (Optem, Tempo)		0.05 to 0.1%	0.1%			
*deltamethrin (Suspend)		0.06%	—			
diazinon		0.5%	—			
diatomaceous earth (Organic Plus)		—	90%			
diatomaceous earth + pyrethrins (Organic Plus)		—	90% + 0.2%			
*lambdacyhalothrin (Commodore)		0.03%	—			
naphthalene or paradichlorobenzene		—	—			
*permethrin (Flee)		0.5%	—			
*propetamphos (Safrotin)		—	—			
pyrethrins (Exciter, Kicker, Microcare, Pyrethrum, Uld, X-Clude)		0.5 to 1%	—			
resmethrin (Vectrin)	0.2 to 1%	—				
*tralomethrin (Saga)	3%	—				
	0.06%	—				
<p>(body length, 1")</p>	amorphous silica gel (Drione, Tri-Die)	4%	40%	Indoors: Do not overlook the basement and garage.	Non-chemical control: Remove excessive mulch, such as decaying grass and leaves, from around the house foundation. If possible, make a foliage-free area around the foundation.	
	^F bendiocarb (Ficam)	0.25%	1%			
	*bendiocarb + pyrethrins (Ficam Plus)	0.25 to 0.5%	2.5% granules	Outdoors: Spray or dust all potential pest entry sites and areas where pests are present.		
	boric acid (Perma-Dust)	—	1%			
	*cyfluthrin (Optem, Tempo)	—	20%	Use dusts in foundation wall voids.	Ventilate basements and subfloor crawl spaces to eliminate moisture. Repair and seal cracks and other points of entry.	
	*cypermethrin (Cynoff, Cyper-Active, Demon, Vikor)	0.05 to 0.1%	0.1%			
	carbaryl (Sevin)	0.1%	—	Place dust only in areas inaccessible to children or pets.		
	^F chlorpyrifos (Duration, Dursban, Empire, Engage)	2%	5%			
	*deltamethrin (Suspend)	0.2 to 0.5%	—			
	diatomaceous earth (Answer, Organic Plus)	0.03%	—			
	diatomaceous earth + pyrethrins (Organic Plus)	—	83.6 to 90%			
	diazinon	—	90% + 0.2%			
	esfenvalerate (Conquer)	0.5%	—			
	*lambdacyhalothrin (Commodore)	0.027 to 0.05%	—			
	^{FT} permethrin (Astro, Dagnet, Flee, Prelude, Torpedo)	0.03%	—			
	propoxur (Baygon)	0.5%	—			
	pyrethrins (Exciter, Kicker, Microcare, Pyrethrum, Safer, X-Clude)	1%	—			
	resmethrin (Vectrin)	0.1 to 0.5%	1%			
	*tralomethrin (Saga)	3%	—			
		0.03%	—			

^FSome formulations are Restricted Use, see label for details.
^TOutdoor Use Only
*Restricted Use

Follow label directions