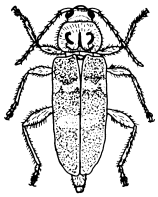
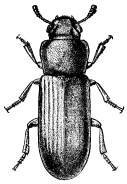
Control Measures for Household and Structural Pests (continued)

Pests	Pesticide	Actual Chemical Wanted: Spray	Actual Chemical Wanted: Dust	Method of Application	Remarks
Old House Borer  (length, 3/4")	borate (Bora-Care, Tim-Bor)	23 to 98%	——		
	*cyfluthrin (Tempo)	0.1%	0.1%		
	*cypermethrin (Demon TC)	0.25%	——		
	*permethrin (Dragnet, Flee)	0.5%	——		
	*chlorpyrifos (Dursban TC, Equity, Tenure)	0.5 to 1%	——		
Pantry and Stored Product Pests	amorphous silica gel (Drione, Tri-Die)	4%	40%	**Indoors:** Spray cracks and crevices in shelves **lightly. Do not overspray.** Spray only when shelves are empty and thoroughly cleaned. Force spray into cracks and crevices.	**Non-chemical control:** Carefully inspect all products in infested areas. Either destroy the infested products, or salvage them by super-heating in an oven at 130 degrees F for 1/2 hour, or super-cooling by placing in a deep freeze at 0 degrees F for seven days. Vacuum cracks and crevices in food cabinets. Dispose of contents. When treating, **do not contaminate food** utensils, dishes, etc., with the pesticide. Store insect-free foods in containers with tight lids. Do not store large amounts of food for long periods of time.
	acephate (Orthene)	1.0%	——		
	[F]bendiocarb (Ficam)	0.25%	1%		
	*bendiocarb + pyrethrins (Ficam Plus)	0.25 to 0.5%	——		
	boric acid (Perma-Dust)	——	20%		
	[F]chlorpyrifos (Duration, Dursban, Empire, Engage, Killmaster II)	0.2 to 0.5%	——		
	chlorpyrifos + pyrethrins (Dual Use)	0.25 to 0.5%	——		
	*cyfluthrin (Tempo)	0.05-0.1%	0.1%		
	*deltamethrin (Suspend)	0.03%	——		
	diatomaceous earth (Answer, (Organic Plus)	——	83.6 to 90%		
	diatomaceous earth + pyrethrins (Organic Plus)	——	90% + 0.2%		
	diazinon	0.5%	——		
	esfenvalerate (Conquer)	0.027 to 0.05%	——		
	fenoxycarb (Torus)	0.125%	——		
	hydroprene (Gentrol)	0.06%	——		
	*lambdacyhalothrin (Commodore)	0.03%	——		
	permethrin (Flee)	0.5%	——		
	*propetamphos (Safrotin)	1.0%	——		
	propoxur (Baygon)	1.1%			
	pyrethrins (Exciter, Kicker, Microcare, Pyrenone, Pyrethrum, Synerol, Uld, X-Clude)	0.1 to 3%	——		
	resmethrin (Vectrin)	3%	——		

Sawtoothed Grain Beetles

(length, 1/10")

Confused Flour Beetles



(length, 1/7")

Cigarette Beetles

(length, 1/10")

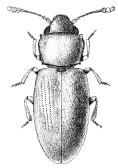
Drugstore Beetles

(length, 1/10")

Indian Meal Moths

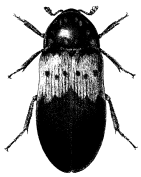
(wing span, 3/4")

Foreign Grain Beetles



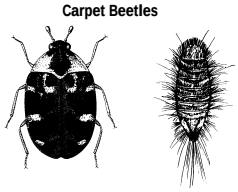
(length, 1/16")

Larder Beetles



(length, 1/4")

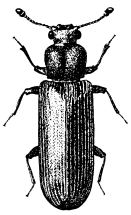
Carpet Beetles



(length, 3/16")

Rice Weevils

(length, 1/8")

Powderpost Beetles  (length 1/8")	amorphous silica gel (Drione, Tri-Die)	4%	40%	**Indoors and/or outdoors:** Spray, paint, or dip with prepared solution to saturate the wood, where appropriate.	**Non-chemical control:** Most wood infesting beetles will not reinfest wood that is painted, varnished, waxed or shellacked. Larvae already in the wood at the time of coating will develop and emerge. Wooden artifacts or furniture can be super cooled at 0 degrees F for several weeks or super heated at 140 to 150 degrees F for 2 to 4 hours to kill infestations. For new construction, use kiln dried lumber (minimum 8 hours at 130 to 140 degrees F and 80% relative humidity) or wolmanized pressure-treated wood (contains chromated copper arsenate).
	borate (Bora-Care, Tim-Bor)	23 to 98%	——		
	[F]chlorpyrifos (Dursban, Equity, Tenure)	0.5 to 1%	——		
	*cyfluthrin (Tempo)	0.1%	0.1%		
	*cypermethrin (Demon TC)	0.25%	——		
	*methyl bromide				
	*permethrin (Dragnet, Flee)	0.5%	——		
	*sulfuryl fluoride (Vikane)				

[F]Some formulations are Restricted Use, Follow label directions