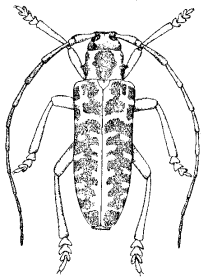
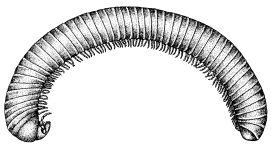
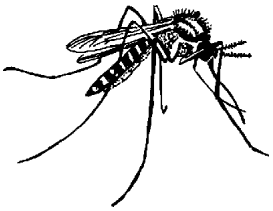
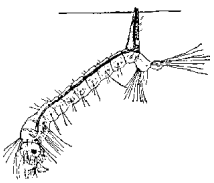
Control Measures for Household and Structural Pests (continued)

Pests	Pesticide	Actual Chemical Wanted: Spray	Actual Chemical Wanted: Dust	Method of Application	Remarks
Longhorned Beetles  (length, 1/2 to 1")	borate (Bora-Care)	23%	——		**Non-chemlcal control:** Usually Individual beetles simply can 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. These beetles frequently hitchhike into the home via firewood. It is wise to store firewood outdoors to prevent beetle emergence in the home. They will not infest the house structural wood, or wood in furniture. Never spray firewood due to possible toxic fumes when burning.
Millipedes  (length, 1")	amorphous silica gel (Drione, Tri-Die)	4%	40%	**Indoors:** Treat all potential pest entry sites and areas where these pests are present. Place the spray or dust only in areas inaccessible to children and pets. **Outdoors:** Diazinon or Dursban granules sprinkled around house foundation, wood piles, fences, etc., help give control.	**Non-Chemical Control:** Millipedes that stray into the home can be picked up with vacuum cleaner attachments and then the sweeper bag contents de-stroyed, or they can be collected with a broom and dustpan, crushed and dis-carded. Ventilate basements and subfloor crawl spaces to eliminate moisture. Repair cracks and other points of entry. **Outdoors:** Remove excessive mulch such as decaying grass, leaves, etc., from around the house foundation.
	F bendiocarb (Ficam)	0.25%	1% 2.5% granules		
	*bendiocarb + pyrethrins (Ficam Plus)	0.25 to 0.5%	——		
	boric acid (Perma-Dust)	——	20%		
	T carbaryl (Sevin)	2%	5%		
	F chlorpyrifos (Duration, Dursban, Empire, Engage, Tenure)	0.5%	——		
	*cyfluthrin (Optem, Tempo)	0.05 to 0.1%	0.1%		
	*cypermethrin (Demon, Cynoff, Cyper-Active, Vikor)	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%	——		
	T fluvalinate (Mavrik, Yardex)	0.009-0.019%	——		
	*lambdacyhalothrin (Commodore)	0.03%	——		
	FT permethrin (Astro, Dragnet, Flee, Prelude, Torpedo)	0.5%	——		
	propoxur (Baygon)	0.5 to 1.1%	——		
	pyrethrins (Exciter, Kicker, Microcare, Pyrethrum, Safer)	0.1 to 0.5%	1%		
	resmethrin (Vectrin)	3%	——		
	*tralomethrin (Saga)	0.03%	——		
Mosquitoes  (length, 1/4")	**Adults**			**Outdoors:** Treat yards and picnic areas, on tall grass and shrubbery. Spray out-side entry sites (screens, doors, patios, foundations). **Repellents:** Use deet aerosol or lotion according to directions. Do not apply to the skin of young children. Apply to clothing instead. Citronella oil may be applied directly to the skin of children.	**Non-chemical control:** Maintain good, tight-fitting screens on windows and doors. Remove or frequently empty any containers from premises that may hold water. Clean out clogged roof gutters holding stagnant water. Do not over apply lawn and garden irrigation, causing puddling in low areas. Replace the water in bird baths and wading pools once a week. Please refer to OSU Extension Bulletin 641 *Pest Management Recomendations for Mosquito Control* for additional information and products available for mosquito control.
	bendiocarb (Ficam)	1.0%	——		
	carbaryl (Sevin)	1%	——		
	F chlorpyrifos (Dursban, Empire)	0.125%	——		
	A chlorpyrifos + pyrethrins (Dual Use)	0.5%	——		
	*cyfluthrin (Tempo)	0.05-0.1%	——		
	* T cypermethrin (Cynoff, Cyper-Active, Vikor)	0.1%	——		
	*deltamethrin (Suspend)	0.03%	——		
	diazinon	0.5%	——		
	esfenvalerate (Conquer)	0.027 to 0.05%	——		
	methoxychlor (Marlate)	3%	——		
	F permethrin (Permanone)	3.98%	——		
	propoxur (Baygon)	0.5 to 1.1%	——		
	pyrethrins (Exciter, Kicker, Pyrenone, Pyrethrum, Synerol, Uld)	0.1 to 3%	——		
	resmethrin (Vectrin)	3%	——		
	*tralomethrin (Saga)	0.03%	——		
	Repellents for personal protection:				
	citronella oil (Avon Skin So Soft)	0.05%	——		
	deet (Cutters, Off, Diethyl-toluamide)				
 (length, 1/4")	**Larvae**				
	Bacillus thuringiensis Berliner var. *is-raelensis* (B.t.i) (Acrobe, Bactimos, Dunks, Teknar, Vectobac)	1.2%	10% briquet 0.2 to 5% pellet/granule		
	methoprene (Altosid)	5 to 20%	1.8 to 7.9% briquet 4% pellet		
	methoxychlor (Marlate)	50%	——		
	*temephos (Abate)		1 to 5% pellet/granule		

A Animal Quarter Use Only
F Some formulations are Restricted Use, see label for details.
Follow label directions