
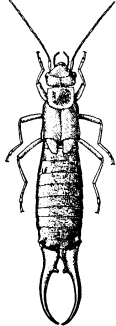
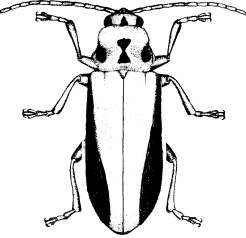
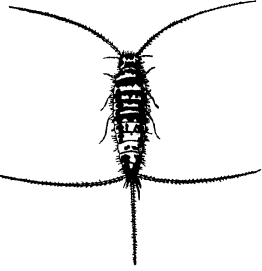


**Control Measures for Household and Structural Pests (continued)**

Pests	Pesticide	Actual Chemical Wanted		Method of Application	Remarks
		Spray	Dust		
 Drain Flies or Moth Flies  (length, 1/5 to 1/6")	*cyfluthrin (Optem, Tempo)	0.05-0.1%	—	<b>Indoors:</b> Use aerosol of pyrethrins for adult fly control. Clean out drains thoroughly and apply lye solution down the drains. This will kill the immature stages. Also, clean seldom used drains.  <b>Outdoors:</b> Treat garbage cans.	<b>Non-chemical control:</b> Sanitation is the best control measure. Clean gelatinous film from drains and sinks. The use of a commercial drain cleaner will usually kill larvae. Clean garbage containers regularly. Do not allow wet lint to accumulate under washing machines. Avoid standing water or moist debris of any nature, especially in the basement.
	*permethrin (Flee)	0.5%	—		
	pyrethrins	0.1 to 0.25%	—		
	resmethrin	0.25%	—		
 Earwigs  (length, 5/8")	acephate (Orthene)	0.5 to 1.0%	—	<b>Indoors:</b> Use spot treatment of a household aerosol to cracks and crevices as for crickets.  <b>Outdoors:</b> Treat immediately around the foundation and for a distance of 10 feet out from the foundation. Wet down the treated area.  Keep children and pets off treated areas until the spray is dry or dusts are worked down to the soil surface.  Diazinon or Dursban granules sprinkled around house foundations, wood piles, fences, etc., help give control.	<b>Non-chemical control:</b> Use of a folded newspaper, fly swatter, or broom and dust pan furnishes quick control.  Eliminate moisture, dead vegetation, leaf piles and excess mulch near the house. Use either high or low pressure sodium lighting (yellow light) or practice good night light discipline. Repair cracks and other points of entry.
	amorphous silica (Drione, Tri-Die)	4%	40%		
	<sup>F</sup> bendiocarb (Ficam)	0.25%	1% 2.5% granules		
	*bendiocarb + pyrethrins (Ficam Plus)	0.25 to 0.5%	—		
	boric acid (Perma-Dust)	—	20%		
	carbaryl (Sevin)	0.5%	—		
	<sup>F</sup> chlorpyrifos (Duration, Dursban, Empire, Engage, Tenure)	0.2 to 0.5%	—		
	chlorpyrifos + pyrethrins (Dual Use)	0.25 to 0.50%	—		
	*cyfluthrin (Optem, Tempo)	0.05-0.1%	0.1%		
	*cypermethrin (Cynoff, Cyper-Active, Vikor)	0.1%	—		
	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%	—		
	<sup>T</sup> fluralinate (Mavrik, Yardex)	0.009 to 0.019%	—		
	<sup>FT</sup> permethrin (Astro, Dagnet, Flee, Prelude, Torpedo)	0.5%	—		
	*propetamphos (Safrotin)	1.0%	—		
	propoxur (Baygon)	0.5 to 1.1%	—		
pyrethrins (Microcare, Pyrenone, Safer, Synerol, Uld)	0.01 to 2.5%	1%			
resmethrin (Vectrin)	3%	—			
*tralomethrin (Saga)	0.03%	—			
trichlorfon (Larva-Lur)	—	5% bait			
 Elm Leaf Beetles  (length, 1/4")	amorphous silica gel (Tri-Die)	4%	—	<b>Indoors:</b> Crack and crevice treatments of pyrethrins-silica gel and boric acid may be applied.  <b>Outdoors:</b> Early sprays on adjacent infested elm trees will reduce troublesome migrations.  Treatment of exterior foundation, walls, window wells and doorsteps may be helpful.	<b>Non-chemical control:</b> Maintain good tight window and door screens.  If the beetles get indoors, merely pick them up with a vacuum sweeper, or broom and dust pan and dispose of them.  Beetles are only a nuisance and will not do damage or establish themselves indoors.
	acephate (Orthene)	0.125%	—		
	boric acid (Perma-Dust)	—	20%		
	carbaryl (Sevin)	0.25%	—		
	chlorpyrifos (Duration, Dursban, Engage)	0.5%	—		
	*cyfluthrin (Optem, Tempo)	0.05 to 0.1%	—		
	*cypermethrin (Cynoff)	0.1%	—		
	diatomaceous earth (Answer)	—	83.6%		
	diazinon	0.5%	—		
	<sup>T</sup> fluralinate (Mavrik)	0.009 to 0.019%	—		
<sup>FT</sup> permethrin (Astro, Dagnet, Flee, Prelude, Torpedo)	0.5%	—			
pyrethrins (Microcare, Uld, X-Clude)	0.3%	—			
 Firebrats  (length, 1/2")	acephate (Orthene)	0.5 to 1.0%	—	<b>Indoors:</b> Apply a spray to baseboards, door and window casings, closets and places where pipes go through walls: treat cracks, foundation wall voids, crawl spaces, etc. Consider treatment of attic, including under the insulation, if it is paper-backed.  Repeat treatment in 2 or 3 weeks, if needed.  <b>Outdoors:</b> Treat house foundation.	<b>Non-chemical control:</b> Reducing the humidity will discourage these pests. Use lighting in dark sheltered areas to drive out the firebrats. These insects live in hot, dark places around furnaces, fireplaces and insulation around heat pipes.  Keep books and papers in dry storage.
	amorphous silica gel (Drione, Tri-Die)	4%	40%		
	<sup>F</sup> bendiocarb (Ficam)	0.25%	1% 2.5% granules		
	*bendiocarb + pyrethrins (Ficam Plus)	0.25 to 0.5%	—		
	boric acid	—	5 to 99%		
	<sup>F</sup> chlorpyrifos (Duration, Dursban, Empire, Killmaster II)	0.2 to 0.5%	—		
	chlorpyrifos + pyrethrins (Dual Use)	0.25 to 0.5%	—		
	*cyfluthrin (Optem, Tempo)	0.05 to 0.1%	0.1%		
	*cypermethrin (Cynoff, Cyper-Active, Demon, Vikor)	0.1%	—		
	*deltamethrin (Suspend)	0.03%	—		
	diazinon	0.5%	2%		
	*lambdacyhalothrin (Commodore)	0.03%	—		
	<sup>FT</sup> permethrin (Astro, Dagnet, Flee, Prelude, Torpedo)	0.5%	—		
	*propetamphos (Safrotin)	0.5 to 1.0%	—		
	pyrethrins (Kicker, Microcare, X-Clude)	0.1 to 0.3%	1%		
*tralomethrin (Saga)	0.03%	—			

<sup>F</sup>Some formulations are Restricted Use, see label for details.

Follow label directions