

MODE OF ACTION CHART AND PEST ACTIVITY												
Mode of Action	Pest Control Materials	Pest Activity (based on label)										
		WF	APHIDS	THRIPS	MB	SM	FG	SF	LM	CAT	SLUGS	
1. Acetylcholine Esterase Inhibitors	* Acephate (Orthene)	X	X	X	X							
	* Chlorpyrifos (DuraGuard)		X	X	X		X	X	X	X		
	* Methiocarb (Mesurol)		X	X							X	
2. GABA-Gated Chloride Channel Blockers	* Endosulfan (Thiodan)	X	X									
3. Sodium Channel Blockers	* Bifenthrin (Talstar/Attain)	X	X	X	X	X	X			X		
	* Cyfluthrin (Decathlon)	X	X	X	X		X			X		
	* Fenpropathrin (Tame)	X	X	X	X	X			X	X		
	* Fluvalinate (Mavrik)	X	X	X		X				X		
	* Lambda-cyhalothrin (Scimitar)	X	X	X	X	X			X	X		
4. Nicotinic Acetylcholine Receptor Disruptors	* Permethrin (Astro)	X	X	X	X		X		X	X		
	* Acetamiprid (TriStar)	X	X	X	X		X		X	X		
	* Clothianidin (Celero)	X	X		X							
	* Dinotefuran (Safari)	X	X	X	X		X		X			
	* Imidacloprid (Marathon)	X	X	X	X		X		X			
5. Nicotinic Acetylcholine Receptor Agonist	* Thiamethoxam (Flagship)	X	X		X		X					
	* Spinosad (Conserve)			X		X			X	X		
	6. GABA Chloride Channel Activators	* Abamectin (Avid)	X	X	X		X			X		
		7. Juvenile Hormone Mimics	* Fenoxycarb (Preclude)	X	X	X	X	X			X	X
	* Kinoprene (Enstar II)		X	X	X	X		X				
* Pyriproxyfen (Distance)	X		X		X		X	X	X			
8. Chitin Synthesis Inhibitors	* Buprofezin (Talus)	X			X							
	* Cyromazine (Citation)						X	X	X			
	* Diflubenzuron (Adept)	X					X	X	X	X		
	* Etoxazole (TetraSan)					X						
	* Novaluron (Pedestal)	X		X					X	X		
9. Growth and Embryogenesis Inhibitors	* Clofentezine (Ovation)					X						
	* Hexythiazox (Hexygon)					X						
10. Selective Feeding Blockers	* Flonicamid (Aria)	X	X	X	X							
	* Pymetrozine (Endeavor)	X	X									
11. Disruptors of Insect Midgut Membranes	* <i>Bacillus thuringiensis</i> var. <i>israelensis</i> (Gnatrol)						X					
	* <i>Bacillus thuringiensis</i> var. <i>kurstaki</i> (Dipel)									X		
12. Oxidative Phosphorylation Uncoupler	* Chlorfenapyr (Pylon)					X	X			X		
13. Oxidative Phosphorylation Inhibitor	* Fenbutatin-oxide (Vendex)					X						

