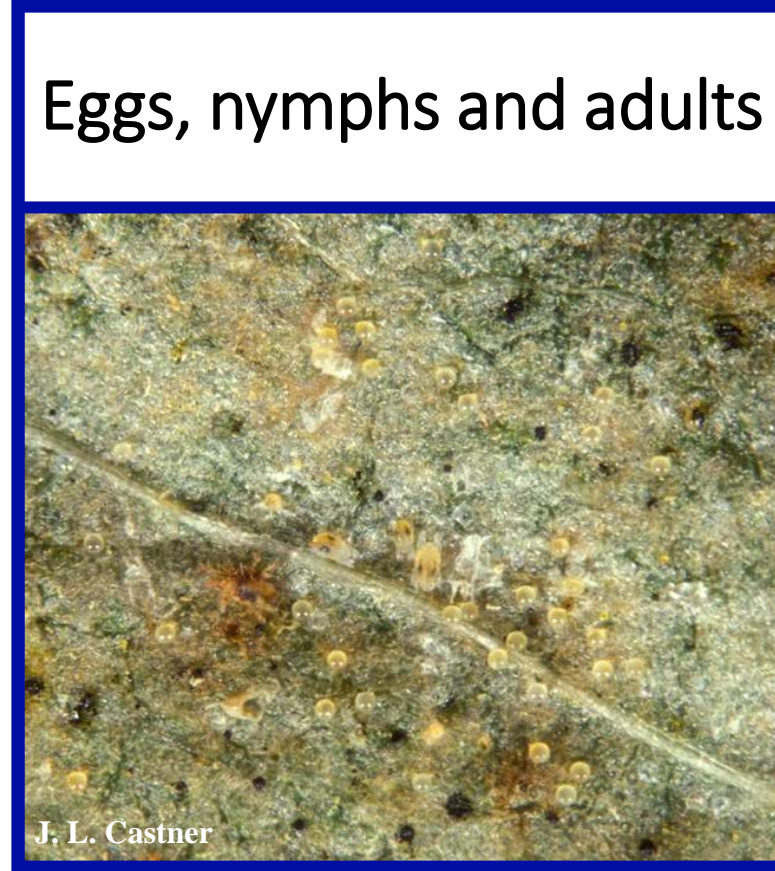


Twospotted Spider Mite

Tetranychus urticae

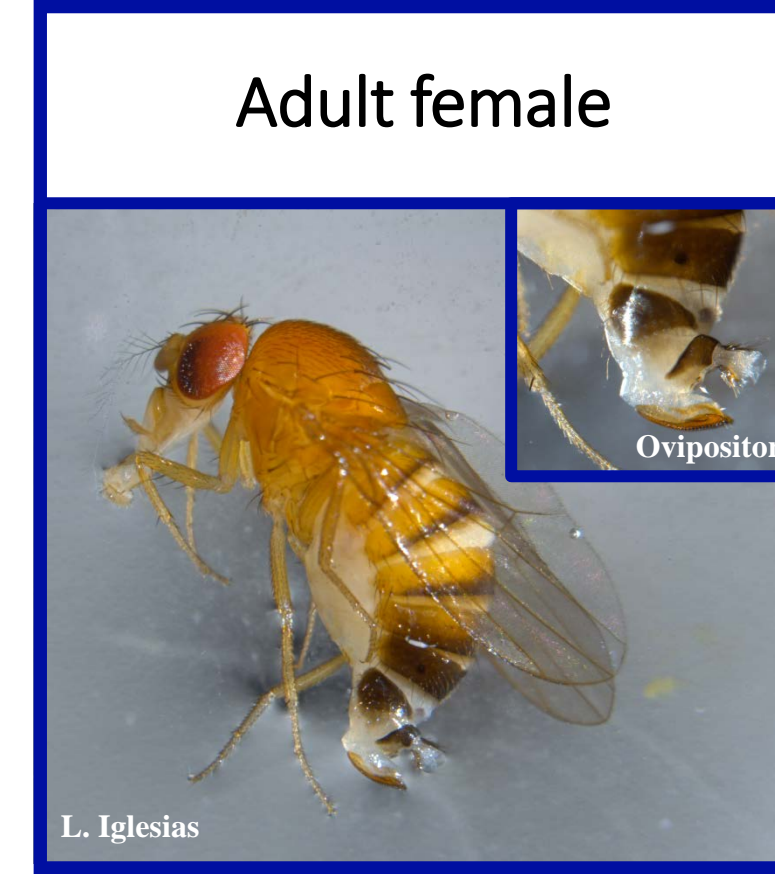
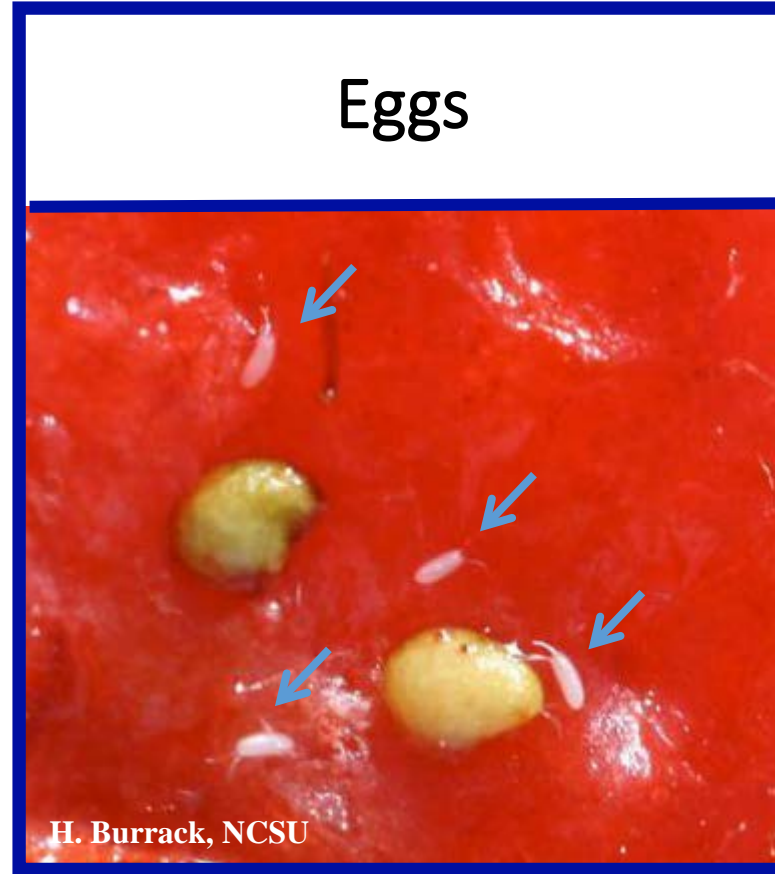
Pesticide table code: TSM



Spotted Wing Drosophila

Drosophila suzukii

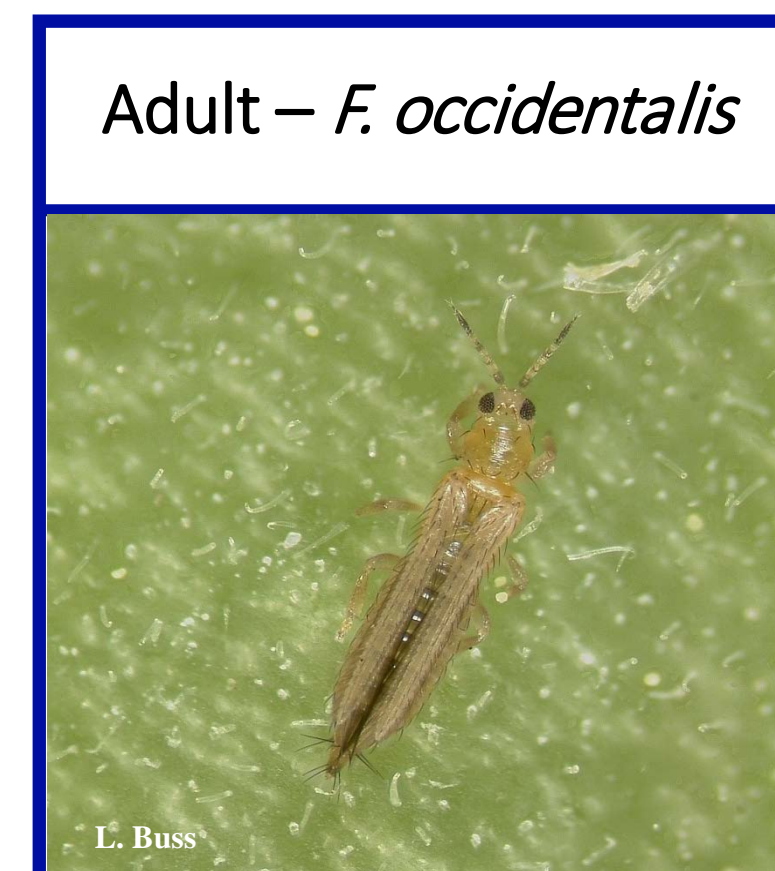
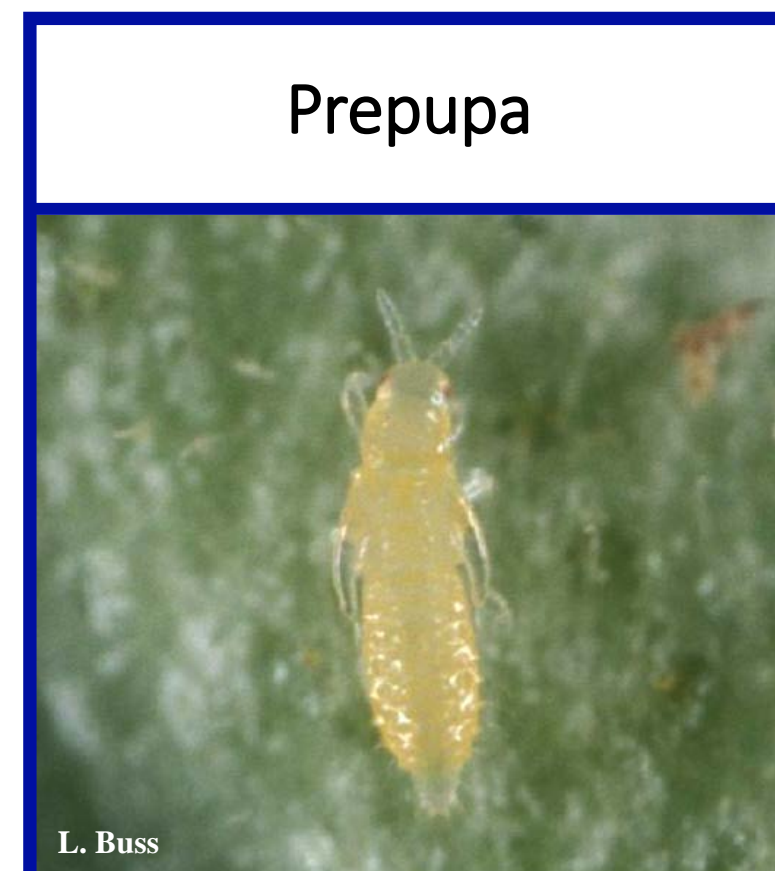
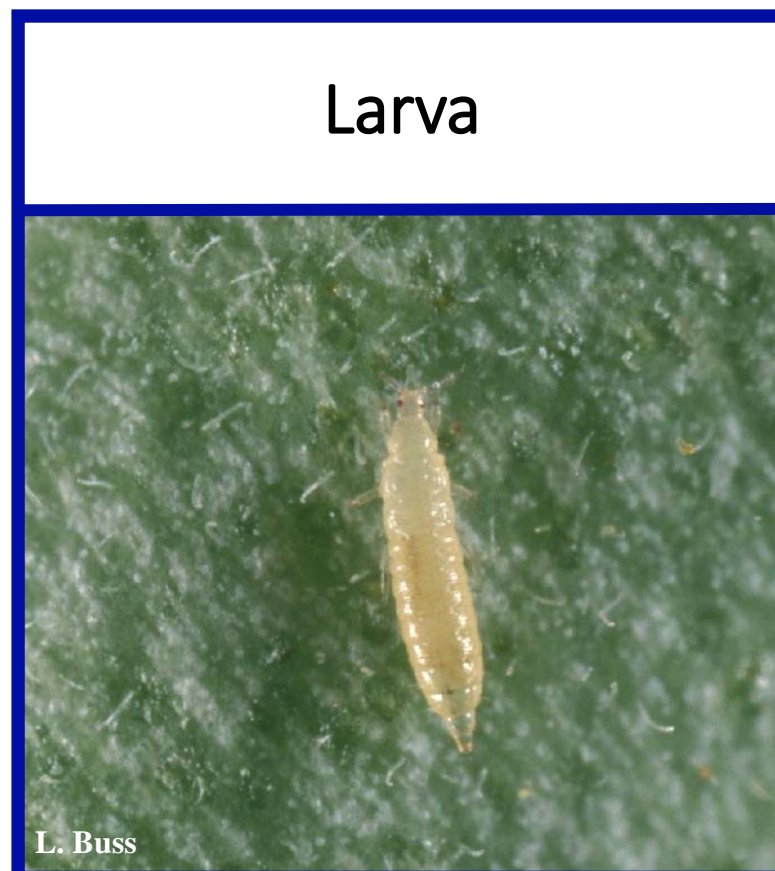
Pesticide table code: SWD



Flower Thrips

Frankliniella spp.

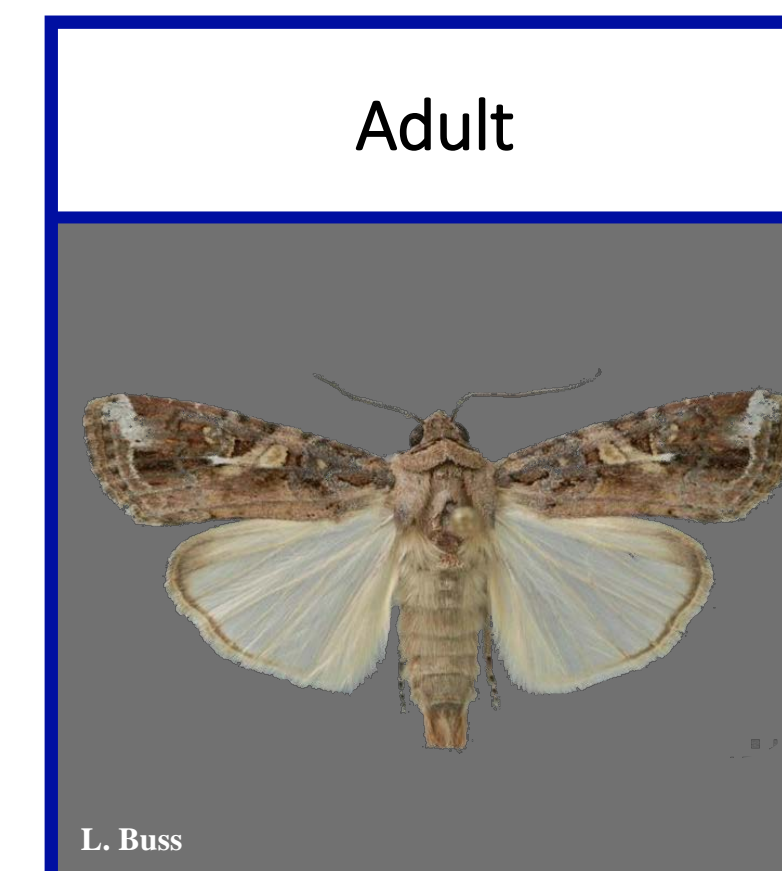
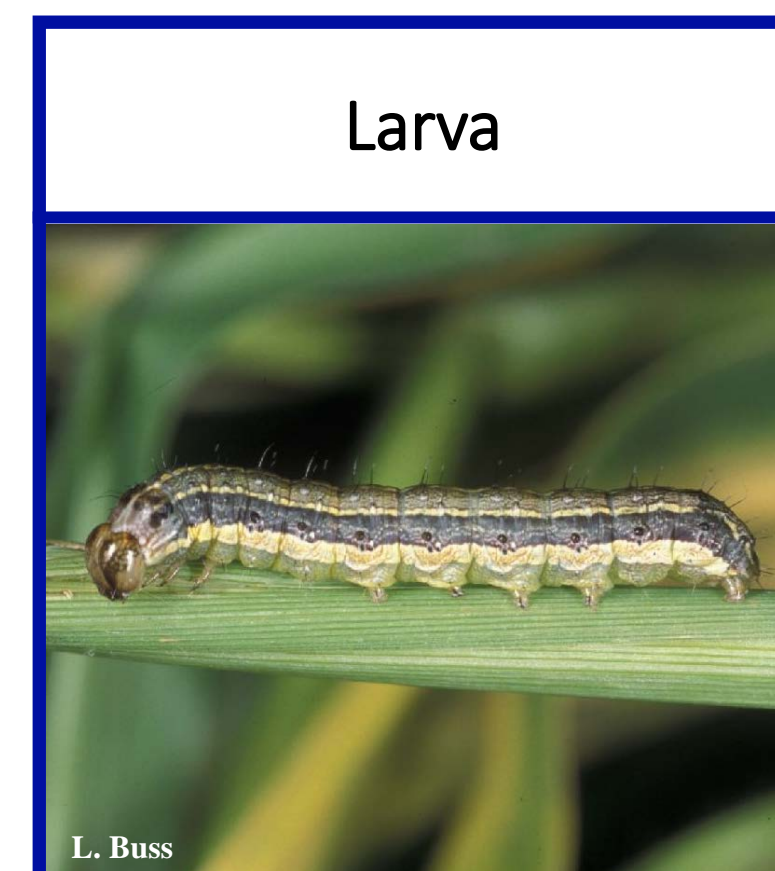
Pesticide table code: FT



Fall Armyworm

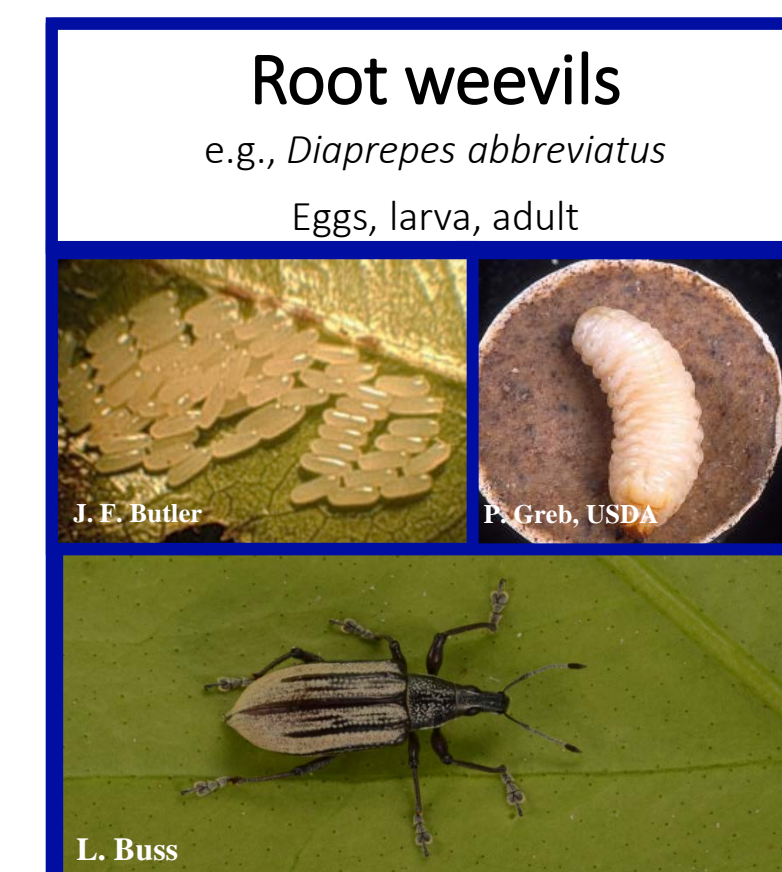
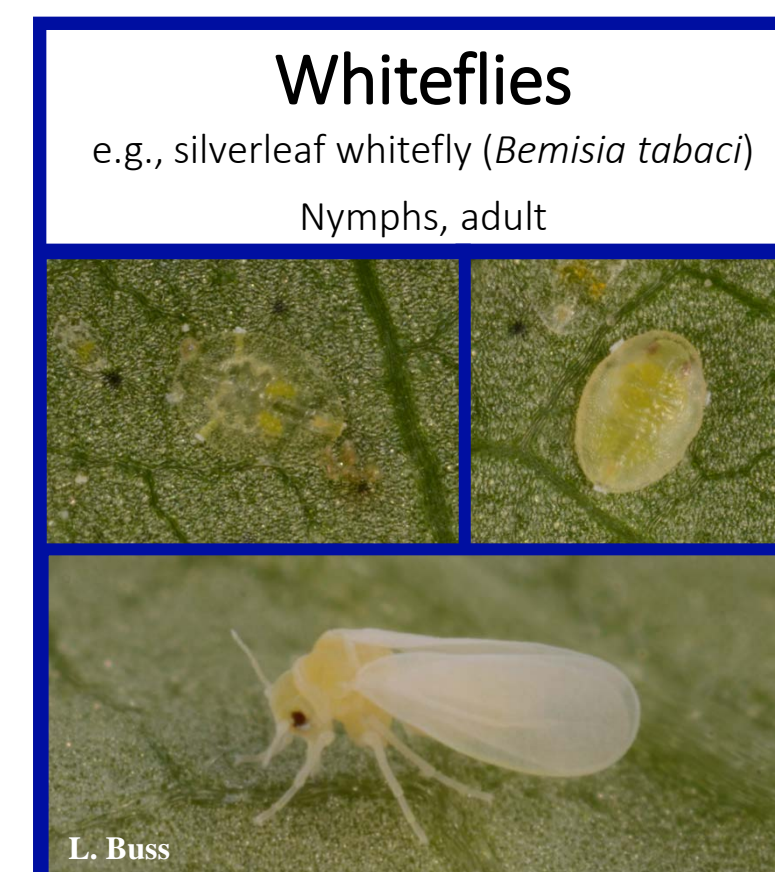
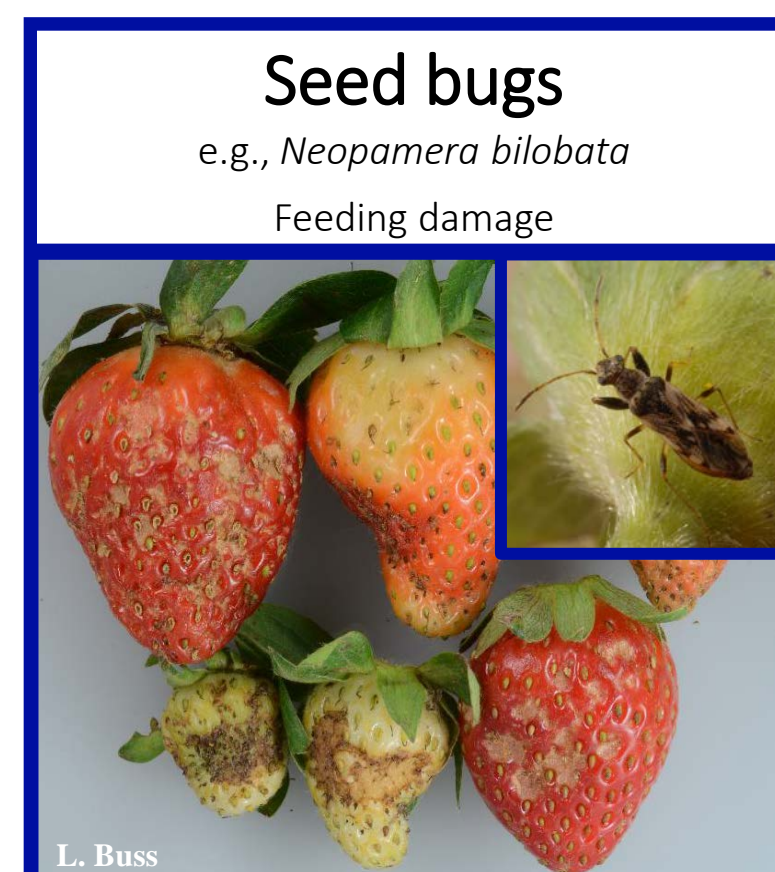
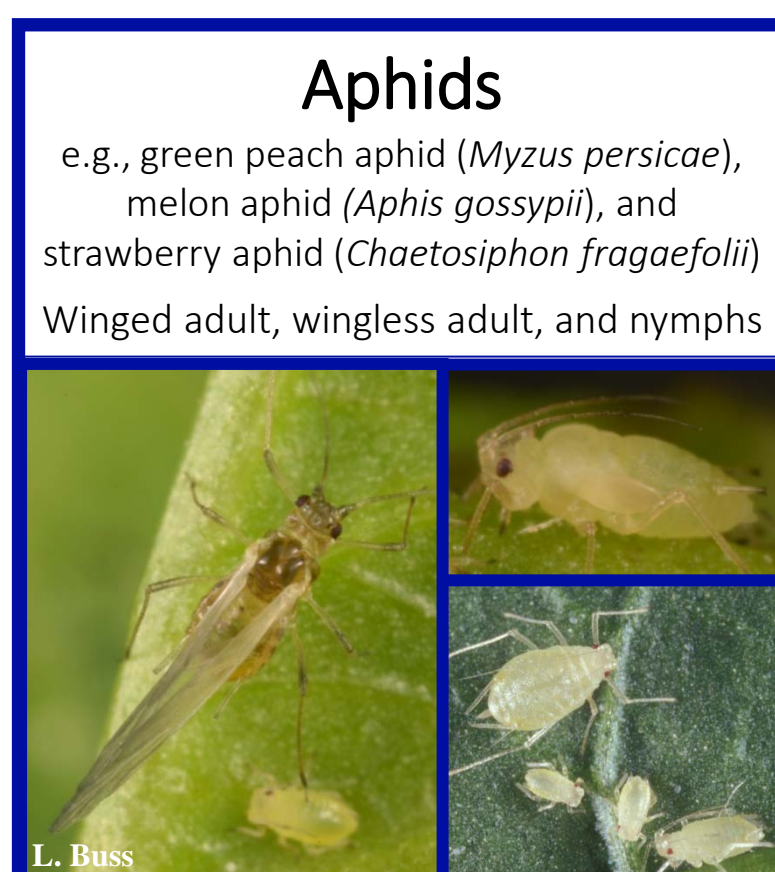
Spodoptera frugiperda

Pesticide table code: FAW



SECONDARY PESTS

Pesticide table codes: APH, SB, WF, and RW



Pesticides Available for Managing Key Pests of Florida Strawberry

This table lists the major arthropod pests of strawberry in Florida, insecticide products and active ingredients registered for controlling them, and Insecticide Resistance Action Committee (IRAC) codes for use in rotating active ingredients to prevent resistance. To use the table, find the pest species in the "Target Pest" column. Checks indicate pests controlled by the pesticide in the same row.

TSM	SWD	FT	Target Pest					RW	Product Name (Active Ingredient)	IRAC Code
			FAW	APH	SB	WF	RW			
				✓			✓	Sevin 80 Solupak (carbaryl)	1A	
✓				✓				Diazinon 50W, AG 500, AG 600 (diazinon)	1B	
✓				✓				Dibrom 8-E (naled)	1B	
✓	✓	✓		✓			✓	Malathion 5EC, 8F (malathion)	1B	
✓				✓			✓	Danitol 2.4 EC (fenpropathrin)	3A	
✓	✓			✓			✓	Brigade WSB (bifenthrin)	3A	
				✓			✓	Brigadier (bifenthrin & imidacloprid)	3A & 4A	
✓				✓			✓	Athena (bifenthrin & avermectin B1)	3A & 6	
	✓	✓		✓			✓	PyGanic EC 5.0 (pyrethrins)	3A	
	✓	✓		✓			✓	Evergreen EC 60-6 (pyrethrins & piperonyl butoxide)	3A & UN	
		✓		✓			✓	Assail 70 WP (acetamiprid)	4A	
				✓			✓	Admire Pro (imidacloprid)	4A	
				✓			✓	Actara, Platinum 75 SG (thiamethoxam)	4A	
				✓			✓	Voliam Flexi (thiamethoxam & chlorantraniliprole)	4A & 28	
		✓						Closer SC (sulfoxaflor)	4C	
				✓			✓	Sivanto 200 SL (flupyradifurone)	4D	
		✓	✓					Radiant SC (spinetoram), Entrust (spinosad)	5	
✓								Agri-Mek 0.15 EC, SC (abamectin)	6	
				✓				Beleaf 50 SG (flonicamid)	9C	
✓								Savey 50 DF (hexythiazox)	10A	
✓								Zeal (etoxazole)	10B	
				✓				Agree WG, Xentari (<i>Bacillus thuringiensis</i> subspecies <i>aizawai</i>)	11A	
				✓				Biobit HP, Deliver, DiPel DF, ES, Javelin WG (<i>Bacillus thuringiensis</i> subspecies <i>kurstaki</i>)	11A	
✓								Vendex 50 WP (fenbutatin oxide)	12B	
		✓	✓					Rimon 0.83EC (novaluron)	15	
							✓	Courier 40SC (buprofezin)	16	
				✓				Intrepid 2F (methoxyfenozide)	18	
✓							✓	Oberon 2SC (spiromesifen)	23	
✓								Nealta (cyflumetofen)	25	
				✓				Belt SC (flubendiamide)	28	
				✓				Coragen (chlorantraniliprole)	28	
				✓			✓	Vetica (buprofezin & flubendiamide)	16 & 28	
✓								Kanemite 15 SC (acequinocyl)	20B	
✓							✓	Portal XLO (fenpyroximate)	21A	
✓								Acramite 50 WS (bifenazate)	UN	
		✓	✓	✓			✓	Aza-Direct and Neemix 4.5% EC (azadirachtin)	UN	
		✓		✓			✓	Botanigard ES and Mycotrol O (<i>Beauveria bassiana</i>)	UN	
		✓					✓	METS2 EC (<i>Metarhizium anisopliae</i> strain F52)	UN	
✓				✓			✓	M-Pede (potassium salts of acids)	UN	
✓	✓			✓			✓	PFR-97 20%WDG (<i>Isaria fumosoroseus</i> Apopka strain 97)	UN	
				✓			✓	SuffOil-X (unsulfonated residue of petroleum oil)	UN	
	✓	✓						Surround WP (kaolin)	UN	

This table was compiled from the National Pesticide Informational Retrieval System (NPIRS). Insecticide efficacy is provided for general information only. All insecticides must be applied in accordance with label directions. This poster was produced by Nicole A. Casuso, UF/IFAS Doctor of Plant Medicine Program; Hugh A. Smith, Gulf Coast Research and Education Center; Norman C. Leppla, Oscar E. Liburd, Entomology and Nematology Department, and Joseph E. Funderburk, North Florida Research and Education Center.