

ACTIVE INGREDIENT	TRADE NAMES	PESTICIDE TYPE	TOXICITY TO GREENHOUSE BIOCONTROL AGENTS C = contact effect R = residual activity in days (D) or weeks (W)														
			Aphidius colemani	Encarsia formosa	Neoseiulus cucumeris	Phytoseiulus persimilis	Steinernema feltiae	Stratiolaelaps scimitus	Transeius montdorensis	harmless 0-25% reduction	slightly harmful 25-50% reduction	moderately harmful 50-75% reduction	very harmful 75-100% reduction				
diazinon	Diazinon	organic phosphate	●	●	●	●	●	●	●	●	●	●	●	○	○	○	○
dichlorvos	DDVP, Dichlorvos	organic phosphate	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
dicofol	Kelthane	organic chlorine	●	●	●	●	●	●	●	●	●	●	●	●	●	●	○
dimethoate	Cygon, Rogor	organic phosphate	●	●	●	●	●	●	●	●	●	●	●	●	●	●	○
emamectin benzoate	Proclaim*	macrocyclic lactone glycoside	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
esfenvalerate	Sumi-alpha flex	synthetic pyrethroid	●	●	●	●	●	●	●	●	●	●	●	●	●	●	○
fenbutatin oxide	Torque	organic-tin	●	●	●	●	●	●	●	●	●	●	●	●	●	●	○
fluvalinate	Mavrik	synthetic pyrethroid	●	●	●	●	●	●	●	●	●	●	●	●	●	●	○
gamma-cyhalothrin	Trojan	synthetic pyrethroid	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
imidacloprid	Confidor	neonicotinoid	●	●	●	●	●	●	●	●	●	●	●	●	●	●	○
lambda-cyhalothrin	Karate	synthetic pyrethroid	●	●	●	●	●	●	●	●	●	●	●	●	●	●	○
maldison	Maldison, Malathion	organic phosphate	●	●	●	●	●	●	●	●	●	●	●	●	●	●	○
methoxyfenozide	Prodigy	diacylhydrazine	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

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nuclear polyhedrosis virus	Vivus Gold, Gemstar	biological insecticide	●	●	●	●	●	●	●	●	●	●	●	
permethrin	Ambush, Pounce	synthetic pyrethroid	● >8W	● >8W	● >8W	● >8W	● >8W	● >8W	● >8W	● >8W	● >8W	● >8W	● >8W	
petroleum oil	Biocover, Sunspray	petroleum oil	●	●	●	●	●	●	●	●	●	●	●	
pirimicarb	Pirimor	carbamate	●	● 3D	● 3D	● 3D	● 3D	● 3D	● 3D	● 3D	● 3D	● 3D	● 3D	
potassium salts of fatty acids	Natrasoap, Neemtech	soap	●	● 0D	● 0D	● 0D	● 0D	● 0D	● 0D	● 0D	● 0D	● 0D	● 0D	
propargite	Omite	organic complex	●	● 1W	● 1W	● 1W	● 1W	● 1W	● 1W	● 1W	● 1W	● 1W	● 1W	
pymetrozine	Chess	azomethine	● 3D	●	●	●	●	●	●	●	●	●	●	
pyrethrins + pbo	Pyganic	synthetic pyrethroid	●	● 2W	● 1W	● 1W	● 1W	● 1W	● 1W	● 1W	● 1W	● 1W	● 1W	
spinosad	Success, Entrust	actinomycete fermentation product	● >2W	● >2W	● 2W	● 1W	● 1W	● 1W	● 1W	● 1W	● 1W	● 1W	● <1W	
sulphur	Liquisulf, Sulphur	element	●	● 1-4W	●	● 1W	● 1W	● 1W	● 1W	● 1W	● 1W	● 1W	● 1W	
tau-fluvalinate	Mavrik	synthetic pyrethroid	○	●	●	● 6W	● 6W	● 6W	● 6W	● 6W	● 6W	● 6W	● 6W	
thiodicarb	Larvin	oxime carbamate	○	○	○	○	○	○	○	○	○	○	○	
trichlorfon	Dipterex	organic phosphate	●	● 1W	● 2W	● 2W	● 2W	● 2W	● 2W	● 2W	● 2W	● 2W	● 0	

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			C	R	C	R	C	R	C	R	C	R	C	R	C	R	C	R	C	R	C	R
abamectin	Vertimec, Avermectin	macrocyclic lactone glycoside	●	>1W	●	3W	●	2W	●	>3W	●	>3W	●	>3W	●	<1W						
acephate	Orthene, Lancer	organic phosphate	●	>8W	●	>8W	●	>8W	●	>8W	●	>8W	●	>8W	●	>8W	●	>8W	●	>8W	○	>8W
alpha-cypermethrin	Dominex	synthetic pyrethroid	●	>8W	●	>8W	○		○													
amorphous silica	Abrade*	diatomaceous earth	○		○																	
<i>B. thuringiensis israeliensis</i>	Vectobac	biological insecticide	●		●		●		●		●		●		●		●		●		●	
<i>B. thuringiensis</i> var. <i>kurstaki</i>	Delfin	biological insecticide	●		●		●		●		●		●		●		●		●		●	
beta-cyfluthrin	Bulldock	synthetic pyrethroid	○		○																	
bifenthrin	Talstar, Bifenthrin	synthetic pyrethroid	●	>8W	●	>8W	●	>8W	●	>8W	●	>8W	●	>8W	●	>8W	●	>8W	●	>8W	●	>2W
botanical oil	Eco-Oil	botanical oil	○		○																	
buprofezin	Applaud	thiadiazine	●		●	4D	●		●		●		●		●		●		●		●	
chlorpyrifos	Lorsban, Chlorpyrifos	organic phosphate	●	>8W	●	>8W	●	6-8W	●	4D	●	2W	●	2W	●	2W	●	2W	●	2W	●	2W
cypermethrin	Cypermethrin	synthetic pyrethroid	●	>8W	●	>8W	●	>8W	●	>8W	●	>8W	●	>8W	●	>8W	●	>8W	●	>8W	●	>8W
deltamethrin	Decis	synthetic pyrethroid	●	>8W	●	>8W	●	>8W	●	>8W	●	>8W	●	>8W	●	>8W	●	>8W	●	>8W	●	>8W