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 UF/IFAS, (& others), Last updated May 2011**

**Table 1:** Insecticides and acaricides registered for use in early 2011 in landscape, nursery, greenhouse or field-grown ornamentals.

<u>Common Name</u>	<u>Trade Names</u>	<u>Target Pests</u>	<u>Reentry Intervals (hours)</u>
Abamectin	Avid, Affirm, Abacide	Mites, fire ants	12
Abamectin+Bifenazate	Sorocco	Mites	12
Acetamiprid	TriStar	Aphids, whiteflies, mealybugs	12
Acequinocyl	Shuttle O, Kanemite	Mites, insects	12
Azadiractin	NeemGuard, Ornazin, Bioneem, Azatin	Mites, scales, whiteflies, aphids	4
Bifenthrin	Attain, Talstar, Onyx, Onyx Pro	Mites, aphids, whiteflies, fire ants	12
Bufprofezin	Talus	IGR, whiteflies, scale, mealybugs	12
Carbaryl	Sevin, carbaryl	Broad spectrum	12
Chinomethionate	Joust	Mites (all stages) and whiteflies	24
Chlorfenapyr	Pylon	Mites, fungus gnats, foliar nematodes	12
Chlorpyrifos	Dursban, Duraguard	Borers, grubs, broad spectrum	12
Clofentezine	Ovatim	Mites	12
Chlorantraniliprole - rynaxypyr	Acelepryn/Calteryx	Lepid., Coleop., leafminers	
Clothianidin	Arena	Aphids, whiteflies, Coleop., Lepid.	12
Clothianidin+bifenthrin	Aloft	Aphids, whiteflies, Coleop., Lepid.	12
Cryolite	Kryocide	Caterpillars, katydids	12
Cyfluthrin	Tempo, Decathalon	Aphids, caterpillars, whiteflies, beetles	24
Cyfluthrin + Imidacloprid	Discus	Broad spectrum	12
Cypermethrin	Ammo	Caterpillars, aphids	12
Cyromazine	Citation	Leafminers, fungus gnats	12
Deltamethrin	DeltaGard T&O	Broad spectrum	24
Diazinon	Diazinon, Knoxout	Broad spectrum	12
Dibrom	Naled	Broad spectrum	24
Dicrotofos	Bidren, Inject-A-Cide	Broad spectrum	48
Diflubenzuron	Adept, Dimilin	Whiteflies, fungus gnats, caterpillars	12
Dimethoate	Cygon, dimethoate 400	Broad spectrum	48
Dinotefuran	Safari, Starkle	Whitefly, aphids, scales, leafminers	12
Disulfoton (thiodemeton)*	Di-Syston 15G (canceled 13 June 05)*	Broad spectrum	24*
Endosulfan	Thiodan	Broad spectrum	48
Esfenvalerate	Asana XL	Broad spectrum (Xmas trees)	48
Etoxazole	Tetrasan, Beethoven	Mites	12
Fenbutatin oxide	Vendex	Mites,	48
Fenoxycarb	Precision	Scales, whiteflies	12
Fipronil	TopChoice	Fire ants	24
Fenazaquin	Magus	Mites and whiteflies	
Fenpropathrin	Tame	Mites, aphids, whiteflies	24
Fenproximate	Akari	Mites	12
Fonicamid 50 WG	Aria	Piercing-sucking insects	
Fluvalinate	Mavrik AguafLOW	Broad spectrum	12
Hydramethylnon	Amdro	Fire ant bait	12
Hexythiazox	Hexygon	Mite eggs only	12

<u>Common Name</u>	<u>Trade Names</u>	<u>Target Pests</u>	<u>Reentry Intervals (hours)</u>
Imidacloprid	Marathon, Merit, Imicide	Whiteflies, aphids	12
Imidacloprid+cyfluthrin	Discus	Whiteflies, aphids	12
Imidacloprid+bifenthrin	Allectus	Whiteflies, aphids	12
Indoxacarb	Provaunt, Advion	Fire ant bait	
Iron phosphate	Sluggo	Slugs, snails	12
Kinoprene	Enstar	Whiteflies, aphids, scales	4
Lambda-cyhalothrin	Scimitar	Broad spectrum	12
Malathion	Malathion	Broad spectrum	12
Metaldehyde	Deadline	Slugs, snails	12
Methidathion	Supracide	Broad spectrum	48
Methiocarb	Mesurool	Slugs, snails, thrips	24
Methoxyfenozide	Intrepid	Lepidop.	
Milbemectin	Ultiflora	Mites	12
Neem oil	Triact	Broad spectrum	12
Novaluron	Pedestal	Whiteflies, thrips, mealy bugs	12
Oxydemeton-methyl	Metasystox-R2	Broad spectrum	48
Permethrin	Astro, Perm-Up	Aphids, scales, borers	12
Phosmet	Imidan	Caterpillars, weevils	24
Pymetrozine	Endeavor	Aphids, whiteflies	12
Pyridalyl	Overture	Thrips, Lepidoptera	
Pyridaben	Sanmite	Mites, whiteflies, mealybugs	12
Pyriproxyfen	Distance	Whiteflies, leafminers, scales, fire ants	12
S-methoprene	Extinguish	Fire ants	4
Spinosad	Conserve	Caterpillars, thrips	12
Spiromesifen	Forbid, Judo	Insects and mite	12
Spirotetramat	Kontos	Mites, sucking insects, Xyl/Phl systemic	12
Tebufenozide	Confirm T&O	Whiteflies, caterpillars	4
Thiamethoxam	Flagship, Meridian,	Broad spectrum	12
Tolfenpyrad	Hachi-hachi	Broad spectrum	
Trichlorfon	Dylox	Broad spectrum	24
<b>Alternative/biorationals</b>			
<i>Bacillus thuringiensis</i>	Able, Dipel, Javelin, Steward, Ketch		
	Xentari, M-Press, Agree, Attack	Caterpillars	12
<i>B. israeli</i>	Gnatrol	Fungus gnats	4
Crop Oil	Omni, Volck, Target	Scales, aphids, mites	12
Horticultural oil	SunSpray oil, SuffOil-X	Scales, aphids, mites, thrips	4
<i>Beauveria bassiana</i> fungus	BotaniGard	Whiteflies, aphids	12
PFR 97	<i>Paecilomyces</i> sp. Fungus	Whiteflies, aphids, mites, scales	12
Pyrethrin + pipronyl butoxide	Pyrenone	Broad spectrum	4
Rotenone	Rotenone	Aphids, beetles, caterpillars	12
Soap, insecticidal	M-pede, Ringer, Murphy ,Safer	Mites, aphids, scales	4
<b>Predacious Nematodes</b>			
<i>H. megidis</i>	Nemacyst H	Grubs	4
<i>S. carpocapsae</i>	Millenium	Grubs	4
<i>S. feltiae</i>	Nemacyst	Grubs	4
<i>H. riobravo</i>	Biovector	Grubs	4
<i>H. indica</i>	Grubstake	Fungus gnats	4
<i>S. feltiae</i>	Nemacide	Grubs	4

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