

## Georgia Nectarine Insecticide/Miticide Labels & Use Restrictions

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<http://www.ent.uga.edu/fruit.htm>

Based on labels as seen on CDMS (<http://www.cdms.net/LabelsMsds/LMDefault.aspx?t=>) and Greenbook (<http://www.greenbook.net/>) websites (last referenced 4/28/2011). UGA provides this compilation to minimize the risk of off-label pesticide use. Always refer to the actual product label, which is the definitive guide for safe, legal pesticide use.

Active ingredient	IRAC group #	Trade name	Manufacturer	Re-Entry Interval (REI) / Pre-Harvest Interval (PHI)
abamectin	6	Abacus	Rotam	12 hrs/21 days
		Agri-Mek 0.15EC	Syngenta	
		Epi-mek 0.15EC	Syngenta	
acetamiprid	4A	Assail 30SG	UPI	12 hrs/7 days
		Assail 70WP	UPI	
azadirachtin	UN	Aza-Direct <b>Organic</b>	Gowan	4 hrs/day of harvest
		Azatin XL	OHP	
		Neemazad 1% EC <b>Organic</b>	Certis USA	
		Neemix 4.5 <b>Organic</b>	Certis USA	
<i>Bacillus thuringiensis</i> subsp. <i>aizawai</i>	11	Agree WG <b>Organic</b>	Certis USA	4 hrs/day of harvest
		Jackpot WP	Certis USA	
		XenTari <b>Organic</b>	Valent	
<i>Bacillus thuringiensis</i> subsp. <i>kurstaki</i>	11	Biobit HP <b>Organic</b>	Valent	4 hrs/day of harvest
		Crymax	Certis USA	
		Deliver <b>Organic</b>	Certis USA	
		DiPel DF <b>Organic</b>	Valent	
		Dipel ES	Valent	
		Javelin WG <b>Organic</b>	Certis USA	
beta-cyfluthrin	3A	Baythroid XL 1EC	Bayer CropScience	12 hrs/7 days
bifenazate	UN	Acramite 50WS	Chemtura	12 hrs/3 days
botanical oil		Allityn Insect Repellent (garlic oil) <b>Organic / repellent only</b>	Helena	4 hrs/12 hrs
		Ecotec (rosemary, peppermint oils) <b>Organic</b>	Brandt	0 days/day of harvest
		Ecotrol EC (rosemary, peppermint oils) <b>Organic</b>	EcoSMART	
		Trilogy (neem oil) <b>Organic</b>	Certis	4 hrs/do not use after pit hardening
buprofezin	16	Centaur WDG	Nichino America	12 hrs/14 days
carbaryl	1A	Carbaryl 4L	Drexel	12 hrs/3 days
		Carbaryl 4L	Loveland	
		Sevin 4F	Bayer	
		Sevin 80 Solupak	Bayer CropScience	
		Sevin 80WSP	Bayer CropScience	
		Sevin SL	Bayer CropScience	
		Sevin XLR Plus 4F	Bayer CropScience	
chlorpyrifos	1B	Chlorpyrifos 4E AG	MANA	4 days/not recommended between bloom & end of harvest
		Govern 4E	Tenkoz	4 days/apply as dormant or delayed dormant spray
		Hatchet	Dow AgroSciences	
		Lorsban Advanced	Dow AgroSciences	4 days/dormant/delayed dormant (pre-bloom) only Peachtree borer, trunk sprays/pre-plant dips
		Lorsban-4E	Dow AgroSciences	4 days/14 days (do not allow spray to contact fruit) (recommended time for peachtree borer sprays in the Southeast is post-harvest)
		Nufos 4E	Cheminova	4 days/dormant-delayed dormant only trunk sprays/pre-plant dips 4 days/14 days
		Warhawk	UAP – Loveland	4 days/apply as dormant or delayed dormant spray
		Whirlwind 4E	Helena	
		Yuma 4E	Winfield	
chlorpyrifos + gamma-cyhalothrin	1B + 3A	Cobalt	Dow AgroSciences	4 days/dormant/delayed dormant sprays
clofentezine	10A	Apollo SC 4E	MANA	12 hrs/21 days

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cyfluthrin	3A	Renounce 20WP	Bayer	12 hrs/7 days	
		Tombstone 2EC	UAP - Loveland		
		Tombstone Helios	UAP - Loveland		
diazinon	1B	Diazinon 5WB	Agrilience	24 hrs/21 days	
		Diazinon 50W	MANA	4 days/21 days	
		Diazinon AG500	MANA		
		Diazinon AG600 WBC	Loveland		
dichloropropene		Telone II	Dow AgroSciences	5 days/fall pre-plant application only *See additional label precautions.	
diflubenzuron	15	Dimilin 2L	Chemtura	12 hrs/do not apply after petal fall	
endosulfan	2A	Endosulfan 3 EC	Drexel	7 days/21 to 30 days	
		Thionex 3EC	MANA		
		Thionex 50W	MANA	20 days/21 to 30 days	
entomopathogenic fungi		BotaniGard ES	Laverlam Intl.	4 hrs/day of harvest	
esfenvalerate	3A	Adjourn 0.66EC	MANA	12 hrs/14 days	
		Asana XL 0.66EC	DuPont		
etoxazole	10B	Zeal Miticide 1 72W	Valent	12 hrs/7 days	
fenbutatin-oxide	12B	Vendex 50WP	UPI	48 hrs/14 days	
fenpropathrin	3A	Danitol 2.4 EC	Valent	24 hrs/3 days	
flonicamid	9C	Beleaf 50 SG	FMC	12 hrs/14 days	
flubendiamide	28	Belt SC	Bayer	12 hrs/7 days	
flubendiamide + buprofezin	28 + 16	Tourismo	Nichino America	12 hrs/14 days	
formetanate hydrochloride	1A	Carzol SP	Gowan	5 days/NLT petal fall	
gamma-cyhalothrin	3A	Proaxis	UAP - Loveland	24 hrs/14 days	
hexythiazox	10A	Onager Miticide	Gowan	12 hrs/28 days	
		Savey 50 DF	Gowan	12 hrs/28 days	
horticultural oil dormant		BioCover LS	Loveland	4 hrs/ dormant/verdant	
		BioCover MLT	Loveland		
		Dormant Spray Oil 100	Helena	4 hrs/apply during dormant or delayed dormant period	
		Mite-E-Oil	Helena		
		Omni Oil 6E	Helena	12 hrs/apply during dormant or delayed dormant period	
		Omni Supreme Spray	Helena	12 hrs/apply during dormant or delayed dormant period	
		Par F 70 Soluble Oil	Helena	12 hrs/pre-bloom only	
Superior 70 Oil	Loveland	4 hrs/apply during dormant or delayed dormant period			
horticultural oil summer		Glacial Spray Fluid <b>Organic</b>	UAP – Loveland	4 hrs/day of harvest Oil applied after fruit set may alter fruit finish. Test on small basis before using if fruit is present.	
		JMS Stylet-Oil	JMS Flower Farms		
		Organic JMS Stylet-Oil <b>Organic</b>	JMS Flower Farms		
		Purespray Green <b>Organic</b>	Petro-Canada		
		Saf-T-Side <b>Organic</b>	Brandt Consolidated		
imidacloprid (soil)	4A	Admire Pro 4.6EC	Bayer CropScience	12 hrs/21 days	soil
		Advise 2FL	Winfield	12 hrs/21 days	soil
		AmTide Imidacloprid 2F	AmTide	12 hrs/21 days	soil
		Couraze 2F	Cheminova	12 hrs/21 days	soil
		Imida E-AG 2F	Etigra	12 hrs/21 days	soil
		Macho 2.0 FL	Albaugh	12 hrs/21 days	soil
		Macho 4.0 Flowable	Albaugh	12 hrs/21 days	soil
		Montana 4F	Rotam	12 hrs/21 days	soil
		Nuprid 2F	Nufarm	12 hrs/21 days	soil
		Nuprid 4.6F Pro	Nufarm	12 hrs/21 days	soil
		Widow	Loveland	12 hrs/21 days	soil

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imidacloprid (foliar)	4A	Advise 2FL	Winfield	12 hrs/day of harvest foliar
		Couraze 1.6F	Cheminova	12 hrs/day of harvest foliar
		Couraze 2F	Cheminova	12 hrs/ day of harvest foliar
		Imida E-AG 1.6F	Etigra	12 hrs/day of harvest foliar
		Macho 2.0 FL	Albaugh	12 hrs/day of harvest foliar
		Macho 4.0 Flowable	Albaugh	12 hrs/day of harvest foliar
		Malice 75WSP	Loveland	12 hrs/day of harvest foliar
		Montana 4F	Rotam	12 hrs/day of harvest foliar
		Nuprid 1.6F	Nufarm	12 hrs/day of harvest foliar
		Pasada 1.6F	MANA	12 hrs/day of harvest foliar
		Provado 1.6F	Bayer CropScience	12 hrs/day of harvest foliar
imidacloprid + cyfluthrin	4A + 3A	Leverage 2.7	Bayer CropScience	12 hrs/7 days
indoxacarb	22A	Avaunt	DuPont	12 hrs/14 days
kaolin		Surround WP <b>Organic</b>	Tessenderlo Kerley	4 hrs/up to day of harvest
lambda-cyhalothrin	3A	Grizzly Z	Winfield	24 hrs/14 days
		Kaiso 24WG	Nufarm	
		Karate with Zeon Technology	Syngenta	
		Lambda-T	Helena	
		LambdaStar Insecticide	LG Life Sciences	
		Province	TENKOZ	
		Silencer	MANA	
		Taiga Z	Agrilience, LLC	
		Warrior with Zeon Technology 1CS	Syngenta	
Warrior II with Zeon Technology 2.08EC	Syngenta			
lambda-cyhalothrin + chlorantraniliprole	3A + 28	Voliam xpress	Syngenta	24 hrs/14 days
lambda-cyhalothrin + thiamethoxam	3A + 4A	Endigo ZC	Syngenta	24 hrs/14 days
malathion	1B	Fyfanon	Helena	12 hrs/7 days
		Gowan Malathion 8 Flowable	Gowan	
		Malathion 57 EC	UAP – Loveland	
mating disruption, codling moth		CheckMate CM-F	Suterra LLC	4 hrs/day of harvest
		CheckMate CM-WS <b>Organic</b>	Suterra LLC	0 hrs/day of harvest
		CheckMate CM-XL 1000 <b>Organic</b>	Suterra LLC	
mating disruption, oriental fruit moth		CheckMate OFM-F	Suterra LLC	0 days/day of harvest
		CheckMate OFM-SL <b>Organic</b>	Suterra LLC	
		Isomate-M 100 <b>Organic</b>	Pacific Biocontrol Corp.	
		Puffer OFM	Suterra LLC	
methidathion	1B	Supracide 2E	Gowan	3 days/apply during dormant or delayed dormant period
		Supracide 25-W	Gowan	
methoprene	7A	Extinguish Professional Fire Ant Bait	Wellmark	4 hrs/day of harvest *Allow 6-8 weeks before expecting control
methoxyfenozide	18	Intrepid 2F	Dow AgroSciences	4 hrs/7 days
novaluron	15	Rimon 0.83EC	Chemtura	12 hrs/8 days
permethrin	3A	Permethrin	Loveland	12 hrs/14 days
		Permethrin 3.2 AG	Arysta LifeScience	
		Permethrin 3.2EC	Helena	
		Pounce 25WP	FMC	
phosmet	1B	Imidan 70-W	Gowan	3 days/14 days
potassium salts		M-Pede <b>Organic</b>	Dow AgroSciences	12 hrs/day of harvest
pyrethrins	3A	PyGanic 1.4EC <b>Organic</b>	MGK Company	12 hrs/day of harvest
		PyGanic 5.0EC <b>Organic</b>	MGK Company	
pyridaben	21A	Nexter 75W	Gowan	12 hrs/7 days
pyriproxyfen	7C	Esteem 35 WP	Valent	12 hrs/14 days
		Esteem 0.86 EC	Valent	
		Esteem Ant Bait	Valent	12 hrs/24 hrs
		Knack Insect Growth Regulator 0.86EC	Valent	12 hrs/14 days <b>GA, FL only</b>
rynaxypyr	28	DuPont Altacor	DuPont	4 hrs/10 days
spinetoram	5	Delegate WG	Dow AgroSciences	4 hrs/24 hrs

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spinosad	5	Entrust <b>Organic</b>	Dow AgroSciences	4 hrs/14 days
		Seduce Insect Bait <b>Organic</b>	Certis	
		SpinTor 2SC	Dow AgroSciences	4 hrs/24 hrs
		Success Naturalyte Insect Control	Dow AgroSciences	
spinosad fruit fly bait	5	GF-120 NF Naturalyte <b>Organic</b>	Dow AgroSciences	4 hrs/day of harvest
spirodiclofen	23	Envidor 2SC Miticide	Bayer CropScience	12 hrs/7 days
spirotetramat	23	Movento	Bayer CropScience	24 hrs/7 days
sulfur		Microthiol Disperss <b>Organic / mite suppression only</b>	UPI	24 hrs/day of harvest
thiamethoxam	4A	Actara	Syngenta	12 hrs/14 days
thiamethoxam + chlorantraniliprole	4A + 28	Voliam flexi	Syngenta	12 hrs/14 days
zeta cypermethrin	3A	Mustang	FMC	12 hrs/14 days
		Mustang Max	FMC	