

Georgia Grape Insecticide/Miticide Labels & Use Restrictions

Dan Horton and Terry All, University of Georgia, Department of Entomology, Athens, GA 30602

<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 to 4 days/28 days
		Abamectin E AG 0.15 EC	Etigra	12 hrs/28 days
		Abba 0.15 EC	MANA	
		Agri-Mek 0.15EC	Syngenta	
		Epi-mek 0.15EC	Syngenta	
		Reaper 0.15EC	Loveland	
		Temprano	Chemtura	
		Timectin 0.15EC Ag	Tide Intl	
Zoro Miticide/Insecticide	Cheminova			
acequinocyl	20B	Kanemite 15SC	Arysta LifeScience	12hrs/7 days
acetamiprid	4A	Assail 30SG	UPI	12 hrs/7 days
		Assail 70WP	UPI	
azadirachtin	UN	Aza-Direct Organic	Gowan	4 hrs/day of harvest
		Neemazad 1% EC Organic	Certis USA	12 hrs/day of harvest
		Neemix 4.5 Organic	Certis USA	
<i>Bacillus thuringiensis</i> subsp. <i>aizawai</i>	11	Agree WG Organic	Certis USA	4 hrs/day of harvest
		Jackpot WP	Certis USA	
		XenTari Organic	Valent	
<i>Bacillus thuringiensis</i> subsp. <i>kurstaki</i>	11	Biobit HP Organic	Valent	4 hrs/day of harvest
		Crymax	Certis USA	
		Deliver Organic	Certis USA	
		DiPel DF Organic	Valent	
		Dipel ES	Valent	
Javelin WG Organic	Certis USA			
beta-cyfluthrin	3A	Baythroid XL 1EC	Bayer CropScience	12 hrs/3 days
bifenazate	UN	Acramite 50WS	Chemtura	12 hrs to 5 days/14 days
bifenthrin	3A	Bifenthrin 2EC AG	Arysta LifeSciences	12 hrs/30 days
		Bifenture EC	UPI	
		Brigade 2EC	FMC	
		Brigade WSB	FMC	
		Fanfare 2EC	MANA	
		Sniper	Loveland	
		Swagger	Loveland	
		Tundra EC 2EC	Winfield	
bifenthrin + imidacloprid	3A + 4A	Brigadier	FMC	12 hrs/30 days
botanical oil		Allityn Insect Repellent (garlic oil) Organic / repellent only	Helena	4 hrs/12 hrs
		Ecotec (rosemary, peppermint oils) Organic	Brandt	0 days/day of harvest
		Ecotrol EC (rosemary, peppermint oils) Organic	EcoSMART	
		Trilogy (neem oil) Organic	Certis	4 hrs/do not use after bloom on table grapes or following bunch closure on wine grapes

Active ingredient	IRAC group #	Trade name	Manufacturer	Re-Entry Interval (REI)/ Pre-Harvest Interval (PHI)
carbaryl	1A	Carbaryl 4L	Drexel	12 hrs/2-6 days
		Carbaryl 4L	Loveland	
		Sevin 4F	Bayer	12 hrs/7 days
		Sevin 80 Solupak	Bayer CropScience	
		Sevin 80WSP	Bayer CropScience	
		Sevin XLR Plus 4F	Bayer CropScience	2 to 6 days/7 days
chlorpyrifos	1B	Chlorpyrifos 4E AG	MANA	24 hours/not recommended between bloom & end of harvest
		Govern 4E	Tenkoz	24 hrs/35 days
		Hatchet	Dow AgroSciences	24 hrs/not recommended between bloom & end of harvest
		Lorsban Advanced	Dow AgroSciences	
		Lorsban-4E	Dow AgroSciences	
		Nufos 4E	Cheminova	
		Warhawk	UAP – Loveland	24 hrs/35 days
		Whirlwind 4E	Helena	
Yuma 4E	Winfield			
clofentezine	10A	Apollo SC 4E	MANA	12 hrs/21 days
clothianidin	4A	Belay Insecticide	Valent	12 hrs/0 days (foliar) 12 hrs/30 days (soil)
		Clutch 50 WDG	Valent	
cryolite	UN	Kryocide	UPI	12 hrs/30 days
cyfluthrin	3A	Renounce 20WP	Bayer	12 hrs/3 days
		Tombstone 2EC	UAP - Loveland	
		Tombstone Helios	UAP - Loveland	
diazinon	1B	Diazinon 5WB	Agrilience	24 hrs/28 days
dicofol	UN	Dicofol 4E	MANA	39 days/7 days
		Kelthane 50WSP	Dow AgroSciences	48 hrs/7 days
dinotefuran	4A	Scorpion 35SL	Gowan	12 hrs/24 hrs foliar; 12 hrs/28 days soil
		Venom 70W	Valent	12 hrs/foliar 24 hrs, soil 28 days
entomopathogenic fungi		BotaniGard ES	Laverlam Intl.	4 hrs/day of harvest
etoxazole	10B	Zeal Miticide 1 72W	Valent	12 hrs/14 days
fenbutatin-oxide	12B	Vendex 50WP	UPI	48 hrs/28 days
fenpropathrin	3A	Danitol 2.4 EC	Valent	24 hrs/21 days
fenpyroximate	21A	Portal Miticide/Insecticide	Nichino America	12 hrs/14 days
flubendiamide	28	Belt SC	Bayer	12 hrs/7 days
flubendiamide + buprofezin	28 + 16	Tourismo	Nichino America	12 hrs/7 days
hexythiazox	10A	Onager Miticide	Gowan	12 hrs/7 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	
horticultural oil summer		Glacial Spray Fluid Organic	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 Organic	JMS Flower Farms	
		Purespray Green Organic	Petro-Canada	
		Saf-T-Side Organic	Brandt Consolidated	

Active ingredient	IRAC group #	Trade name	Manufacturer	Re-Entry Interval (REI)/ Pre-Harvest Interval (PHI)
imidacloprid	4A	Admire Pro 4.6EC	Bayer CropScience	12 hrs/30 days soil
		Advise 2FL	Winfield	12 hrs/30 days soil
		Alias 2F	MANA	12 hrs/30 days soil or seed
		AmTide Imidacloprid 2F	AmTide	12 hrs/30 days soil
		Couraze 2F	Cheminova	12 hrs/30 days soil
		Imida E-AG 2F	Etigra	12 hrs/30 days soil
		Macho 2.0 FL	Albaugh	12 hrs/30 days soil
		Macho 4.0 Flowable	Albaugh	12 hrs/30 days soil
		Montana 4F	Rotam	12 hrs/30 days soil
		Nuprid 2F	Nufarm	12 hrs/30 days soil
		Nuprid 4.6F Pro	Nufarm	12 hrs/30 days soil
		Widow	Loveland	12 hrs/30 days soil
		Provado Solupak 75W	Bayer CropScience	12 hrs/day of harvest soil or foliar
		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
		Couraze Solupak 75W	Cheminova	12 hrs/day of harvest foliar
		Imida E-AG 1.6F	Etigra	12 hrs/day of harvest foliar
		Imida E-AG 75WSP	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/3 days
indoxacarb	22A	Avaunt	DuPont	12 hrs/7 days
kaolin		Surround WP Organic	Tessenderlo Kerley	4 hrs/up to day of harvest
malathion	1B	Gowan Malathion 8 Flowable	Gowan	12 hrs/3 days
		Malathion 57 EC	UAP – Loveland Products	
metaldehyde		Deadline Bullets for slugs & snails	Amvac	12 hrs/day of harvest
		Deadline M-Ps for slugs & snails	Amvac	
methomyl	1A	Lannate LV 2.4EC	DuPont	7 days/24 hrs fresh & raisin; 14 days wine
		Lannate SP 90WSP	DuPont	
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/30 days
phosmet	1B	Imidan 70-W	Gowan	14 days/7 to 14 days
potassium salts		M-Pede Organic	Dow AgroSciences	12 hrs/day of harvest
pyrethrins	3A	PyGanic 1.4EC Organic	MGK Company	12 hrs/day of harvest
		PyGanic 5.0EC Organic	MGK Company	
pyridaben	21	Nexter 75W	Gowan	12 hrs/7 days
pyriproxyfen	7C	Esteem 0.86 EC	Valent	12 hrs/21 days
		Esteem Ant Bait	Valent	12 hrs/24 hrs
		Knack Insect Growth Regulator 0.86EC	Valent	12 hrs/21 days
rynaxypyr	28	DuPont Altacor	DuPont	4 hrs/14 days
spinetoram	5	Delegate WG	Dow AgroSciences	4 hrs/7 days
spinosad	5	Entrust Organic	Dow AgroSciences	4 hrs/7 days
		Seduce Insect Bait Organic	Certis	
		SpinTor 2SC	Dow AgroSciences	
		Success Naturalyte Insect Control	Dow AgroSciences	
spinosad fruit fly bait	5	GF-120 NF Naturalyte Organic	Dow AgroSciences	4 hrs/day of harvest
spirodiclofen	23	Envidor 2SC Miticide	Bayer CropScience	12 hrs/14 days

Active ingredient	IRAC group #	Trade name	Manufacturer	Re-Entry Interval (REI)/ Pre-Harvest Interval (PHI)
spirotetramat	23	Movento	Bayer CropScience	24 hrs/7 days
sulfur		Microthiol Disperss Organic / mite suppression only	UPI	24 hrs/day of harvest
thiamethoxam	4A	Actara	Syngenta	12 hrs/5 days
		Platinum	Syngenta	12 hrs/60 days
thiamethoxam + chlorantraniliprole	4A + 28	Voliam flexi	Syngenta	12 hrs/14 days
zeta cypermethrin	3A	Mustang	FMC	12 hrs/24hrs
		Mustang Max	FMC	
zeta-cypermethrin + bifenthrin	3A+3A	Hero Insecticide	FMC	12 hrs/21 days