

Georgia Pear 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 4/13/2011). 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/28 days
		Abamectin E AG 0.15 EC	Etigra	
		Abba 0.15 EC	MANA	
		Agri-Mek 0.15EC	Syngenta	
		Epi-mek 0.15EC	Syngenta	
		Temprano	Chemtura	
		Timectin 0.15EC Ag	Tide Intl	
		Zoro Miticide/Insecticide	Cheminova	
acequinocyl	20B	Kanemite 15SC	Arysta LifeScience	12hrs/14 days
acetamiprid	4A	Assail 30SG	UPI	12 hrs/7 days
		Assail 70WP	UPI	
azadirachtin	UN	Aza-Direct Organic	Gowan	4 hrs/day of harvest
		Azatin XL	OHP	
		Neemazad 1% EC Organic	Certis USA	12 hrs/day of harvest
		Neemix 4.5 Organic	Certis USA	
azinphos methyl	1B	Guthion Solupak 50%	MANA	14 days/14 to 21 days
<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/7 days
bifenazate	UN	Acramite 50WS	Chemtura	12 hrs/7 days
bifenthrin	3A	Bifenthrin 2EC AG	Arysta LifeSciences	12 hrs/14 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/14 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/day of harvest
buprofezin	16	Centaur	Nichino America	12 hrs/14 days

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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/dormant season only
		Chlorpyrifos 4E-AG	Micro Flo	4 days/apply as dormant or delayed dormant spray
		Govern 4E	Tenkoz	
		Hatchet	Dow AgroSciences	
		Lorsban Advanced	Dow AgroSciences	4 days/dormant/delayed dormant (pre-bloom) only
		Lorsban-4E	Dow AgroSciences	
		Nufos 4E	Cheminova	
		Warhawk	UAP – Loveland	
Yuma 4E	Winfield			
chlorpyrifos + gamma-cyhalothrin	1B + 3A	Cobalt	Dow AgroSciences	4 days/dormant/delayed dormant sprays
clofentezine	10A	Apollo SC	MANA	12 hrs/21 days
clothianidin	4A	Belay Insecticide	Valent	12 hrs/7 days (post-bloom only)
		Clutch 50 WDG	Valent	
cyfluthrin	3A	Renounce 20WP	Bayer	12 hrs/7 days
		Tombstone 2EC	UAP - Loveland	
		Tombstone Helios	UAP - Loveland	
deltamethrin	3A	Battalion 0.2EC	Arysta LifeScience	12 hrs/21 days
diazinon	1B	Diazinon 5WB	Agrilience	24 hrs/21 days
		Diazinon 50W	MANA	4 days/21 days
		Diazinon AG600 WBC	Loveland	
dichloropropene		Telone II	Dow AgroSciences	5 days/fall pre-plant application only *See additional label precautions.
dicofol	UN	Dicofol 4E	MANA	35 days/7 days
		Kelthane 50WSP	Dow AgroSciences	48 hrs/7 days
diflubenzuron	15	Dimilin 2L	Chemtura	12 hrs/14 days
dimethoate	1B	Dimate 4E	Winfield	10 days/28 days
		Dimethoate 2.67EC	Loveland	
		Dimethoate 4E	Arysta LifeScience	48 hrs/28 days
		Dimethoate 4 EC	Helena Chemical	
		Dimethoate 5 Lb.	Helena Chemical	
Dimethoate 400	Loveland	10 days/28 days		
emamectin benzoate	6	Proclaim	Syngenta	12 hrs/14 days
endosulfan	2A	Endosulfan 3 EC	Drexel	7 days/7 days
		Thionex 3EC	MANA	20 days/20 days
		Thionex 50W	MANA	
esfenvalerate	3A	Adjourn 0.66EC	MANA	12 hrs/28 days
		Asana XL 0.66EC	DuPont	
etoxazole	10B	Zeal Miticide 1 72W	Valent	12 hrs/14 days
fenbutatin-oxide	12B	Vendex 50WP	UPI	48 hrs/14 days
fenpropathrin	3A	Danitol 2.4 EC	Valent	24 hrs/14 days
fenpyroximate	21A	Portal Miticide/Insecticide	Nichino America	12 hrs/14 days
flonicamid	9C	Beleaf 50 SG	FMC	12 hrs/21 days
flubendiamide	28	Belt SC	Bayer	12 hrs/14 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/21 days
granulosis virus		Carpovirusine Organic	Arysta LifeScience	12 hrs/day of harvest
		CYD-X Organic	Certis	4 hrs/day of harvest
hexythiazox	10A	Onager Miticide	Gowan	12 hrs/28 days
		Savey 50 DF	Gowan	12 hrs/28 days

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horticultural oil dormant		BioCover LS	Loveland	4 hrs/ dormant/verdant
		BioCover MLT	Loveland	
		Dormant Oil 435	Agrilience, LLC	12 hrs/pre-bloom, after fall leaf drop
		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
		Superior 70 Oil	Loveland	4 hrs/apply during dormant or delayed dormant period
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	
imidacloprid	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
		Advise 2FL	Winfield	12 hrs/7 days foliar
		Couraze 1.6F	Cheminova	12 hrs/7 days foliar
		Couraze 2F	Cheminova	12 hrs/7 days foliar
		Imida E-AG 1.6F	Etigra	12 hrs/7 days foliar
		Macho 2.0 FL	Albaugh	12 hrs/7 days foliar
		Macho 4.0 Flowable	Albaugh	12 hrs/7 days foliar
		Malice 75WSP	Loveland	12 hrs/7 days foliar
		Montana 4F	Rotam	12 hrs/7 days foliar
		Nuprid 1.6F	Nufarm	12 hrs/7 days foliar
Pasada 1.6F	MANA	12 hrs/7 days foliar		
Provado 1.6F	Bayer CropScience	12 hrs/7 days foliar		
imidacloprid + cyfluthrin	4A + 3A	Leverage 2.7	Bayer CropScience	12 hrs/7 days
indoxacarb	22A	Avaunt	DuPont	12 hrs/28 days
kaolin		Surround WP Organic	Tessenderlo Kerley	4 hrs/up to day of harvest
lambda-cyhalothrin	3A	Grizzly Z	Winfield	24 hrs/21 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/21 days
lambda-cyhalothrin + thiamethoxam	3A + 4A	Endigo ZC	Syngenta	24 hrs/35 days
mating disruption, codling moth		CheckMate CM-F	Suterra LLC	4 hrs/day of harvest
		CheckMate CM-WS Organic	Suterra LLC	0 hrs/day of harvest
		CheckMate CM-XL 1000 Organic	Suterra LLC	
		Puffer CM	Suterra LLC	

Active ingredient	IRAC group #	Trade name	Manufacturer	Re-Entry Interval (REI)/ Pre-Harvest Interval (PHI)
mating disruption, oriental fruit moth		CheckMate OFM-F	Suterra LLC	0 days/day of harvest
		CheckMate OFM-SL Organic	Suterra LLC	
		Isomate-M 100 Organic	Pacific Biocontrol Corp.	
		Puffer OFM	Suterra LLC	
metaldehyde		Deadline Bullets for slugs & snails	Amvac	12 hrs/day of harvest
		Deadline M-Ps for slugs & snails	Amvac	
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/14 days
oxamyl	1A	Vydate L	DuPont	48 hrs/14 days
permethrin	3A	Ambush 25W	Amvac Chemical	12 hrs/dormant to pre-bloom only
		Permethrin	Loveland	
		Permethrin 3.2 AG	Arysta LifeScience	
		Permethrin 3.2EC	Helena	
		Pounce 25WP	FMC	
phosmet	1B	Imidan 70-W	Gowan	3 days/7 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	21A	Nexter 75W	Gowan	12 hrs/7 days
pyriproxyfen	7C	Esteem 35 WP	Valent	12 hrs/45 days
		Esteem 0.86 EC	Valent	
		Esteem Ant Bait	Valent	
rynaxypyr	28	DuPont Altacor	DuPont	4 hrs/5 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/7 days
spirotetramat	23	Movento	Bayer CropScience	24 hrs/7 days
sulfur		Microthiol Disperss Organic / mite suppression only	UPI	24 hrs/day of harvest
tebufenozide	18	Confirm 2F	Dow AgroSciences	4 hrs/14 days
thiacloprid	4A	Calypso 4F	Bayer CropScience	12 hrs/30 days
thiamethoxam	4A	Actara	Syngenta	12 hrs/14 to 35 days
thiamethoxam + chlorantraniliprole	4A + 28	Voliam flexi	Syngenta	12 hrs/35 days
zeta cypermethrin	3A	Mustang	FMC	12 hrs/14 days
		Mustang Max	FMC	