

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 7/23/2009). 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	Makhteshim Agan	
		Agri-Mek 0.15EC	Syngenta	
		Epi-mek 0.15EC	Syngenta	
		Temprano	Chemtura	
		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	18B	Aza-Direct Organic	Gowan	4 hrs/day of harvest
		Azatin XL	OHP	
		Neemix 4.5 Organic	Certis USA	12 hrs/day of harvest
azinphos methyl	1B	Guthion Solupak 50%	Bayer CropScience	14 days/14 to 21 days
<i>Bacillus thuringiensis</i> subsp. <i>aizawai</i>	11B1	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>	11B2	Crymax	Certis USA	4 hrs/day of harvest
		Deliver Organic	Certis USA	
		DiPel DF Organic	Valent	
		Dipel ES	Valent	
		Javelin WG Organic	Certis USA	
beta-cyfluthrin	3	Baythroid XL 1EC	Bayer CropScience	12 hrs/7 days
bifenazate	25	Acramite 50WS	Chemtura	12 hrs/7 days
bifenthrin	3	Bifenthrin 2EC AG	Arysta LifeSciences	12 hrs/14 days
		Bifenture EC	UPI	
		Brigade 2EC	FMC	
		Brigade WSB	FMC	
		Capture 2EC	FMC	
		Fanfare 2EC	Makhteshim Agan	
		Sniper	Loveland	
		Tundra EC 2EC	Agrilience, LLC	
botanical oil		Allityn Insect Repellent (garlic oil) Organic / repellent only	Helena	4 hrs/12 hrs
		Ecotrol EC (rosemary, peppermint oils) Organic	EcoSMART	0 days/day of harvest
		Trilogy (neem oil) Organic	Certis	4 hrs/day of harvest
buprofezin	16	Centaur	Nichino America	12 hrs/14 days
carbaryl	1A	Carbaryl 4L	UAP - Loveland	12 hrs/3 days
		Sevin 80S	Bayer CropScience	
		Sevin SL	Bayer CropScience	
		Sevin 80WSP	Bayer CropScience	
		Sevin XLR Plus 4F	Bayer CropScience	
chlorpyrifos	1B	Chlorpyrifos 4E AG	Makhteshim Agan	4 days/dormant season only
		Chlorpyrifos 4E-AG	Micro Flo	4 days/apply as dormant or delayed dormant spray
		Hatchet	Dow AgroSciences	
		Lorsban-4E	Dow AgroSciences	4 days/dormant/delayed dormant (pre-bloom) only
		Nufos 4E	Cheminova	
		Warhawk	UAP - Loveland	

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clofentezine	10A	Apollo SC	Makhteshim Agan	12 hrs/21 days
clothianidin	4A	Clutch 50 WDG	Valent	12 hrs/7 days (post-bloom only)
cyfluthrin	3	Renounce 20WP	Bayer	12 hrs/7 days
		Tombstone 2EC	UAP - Loveland	
		Tombstone Helios	UAP - Loveland	
deltamethrin	3	Battalion 0.2EC	Arysta LifeScience	12 hrs/21 days
dichloropropene		Telone II	Dow AgroSciences	5 days/fall pre-plant application only *See additional label precautions.
dicofol	UN C	Dicofol 4E	Makhteshim Agan	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	Agrilience	10 days/28 days
		Dimethoate 4E	Arysta LifeScience	
		Dimethoate 4 EC	Helena Chemical	48 hrs/28 days
		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	24 hrs/7 days
		Phaser 3EC	Bayer CropScience	48 hrs/7 days
		Thionex 3EC	Makhteshim Agan	
		Thionex 50W	Makhteshim Agan	4 days/7 days
esfenvalerate	3	Adjourn 0.66EC	Makhteshim Agan	12 hrs/28 days
		Asana XL 0.66EC	DuPont	
etoxazole	10C	Zeal Miticide 1 72W	Valent	12 hrs/14 days
fenbutatin-oxide	12B	DuPont Vendex 50WP	DuPont	48 hrs/14 days
fenpropathrin	3	Danitol 2.4 EC	Valent	24 hrs/14 days
fenpyroximate	21	Portal Miticide/Insecticide	Nichino America	12 hrs/14 days
flonicamid	9C	Beleaf 50 SG	FMC	12 hrs/21 days
formetanate hydrochloride	1A	Carzol SP	Gowan	5 days/NLT petal fall
gamma-cyhalothrin	3	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	10B	Savey 50 DF	Gowan	12 hrs/28 days
horticultural oil dormant		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	
		Omni Supreme Spray	Helena	12 hrs/apply during dormant or delayed dormant period
horticultural oil summer		Glacial Spray Fluid Organic	UAP – Loveland	4 hrs/day of harvest
		Saf-T-Side	Brandt Consolidated	Oil applied after fruit set may alter fruit finish. Test on small basis before using if fruit is present.
		Ultra-Fine Oil	Whitmire Micro-Gen	
imidacloprid	4A	Admire 2F	Bayer CropScience	12 hrs/21 days soil applied only
		Admire Pro 4.6EC	Bayer CropScience	12 hrs/21 days soil applied only
		Advise 2FL	Agrilience, LLC	12 hrs/21 days soil applied only
		Couraze 2F	Cheminova	12 hrs/21 days soil applied only
		Imida E-AG 2F	Etigra	12 hrs/21 days soil applied only
		Nuprid 2F	Nufarm	12 hrs/21 days soil applied only
		Nuprid 4.6F Pro	Nufarm	12 hrs/21 days soil applied only
		Couraze 1.6F	Cheminova	12 hrs/7 days foliar
		Imida E-AG 1.6F	Etigra	12 hrs/7 days foliar
		Nuprid 1.6F	Nufarm	12 hrs/7 days foliar
		Pasada 1.6F	Makhteshim Agan	12 hrs/7 days foliar
Provado 1.6F	Bayer CropScience	12 hrs/7 days foliar		
imidacloprid + cyfluthrin	4A + 3	Leverage 2.7	Bayer CropScience	12 hrs/7 days
indoxacarb	22	Avaunt	DuPont	12 hrs/28 days
kaolin		Surround WP Organic	Tessenderlo Kerley	4 hrs/up to day of harvest

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lambda-cyhalothrin	3	Lambda-T	Helena	24 hrs/21 days
		Silencer	Makhteshim Agan	
		Taiga Z	AgriLiance, LLC	
		Warrior with Zeon Technology 1CS	Syngenta	
		Warrior II with Zeon Technology 2.08EC	Syngenta	
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	
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	
methidathion	1B	Supracide 2E	Gowan	3 days/apply during dormant or delayed dormant period
		Supracide 25-W	Gowan	2 to 14 days/apply during dormant or delayed dormant period
methoprene	7A	Extinguish Professional Fire Ant Bait	Wellmark	4 hrs/day of harvest *Allow 6-8 weeks before expecting control
methoxyfenozide	18A	Intrepid 2F	Dow AgroSciences	4 hrs/14 days
oxamyl	1A	Vydate L	DuPont	48 hrs/14 days
permethrin	3	Ambush 25W	Amvac Chemical	12 hrs/pre-bloom only
		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 & rotenone	3 & 21	Pyrellin E.C.	Webb Wright	12 hrs/12 hrs
pyridaben	21	Nexter 75W	Gowan	12 hrs/7 days
		Pyramite 60W	BASF	
pyriproxyfen	7D	Esteem 35 WP	Valent	12 hrs/45 days
		Esteem 0.86 EC	Valent	12 hrs/24 hrs
		Esteem Ant Bait	Valent	
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
		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	18A	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
zeta cypermethrin	3	Mustang	FMC	12 hrs/14 days
		Mustang Max	FMC	