

## Georgia Pecan 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/LabelsMds/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)
acetamiprid	4A	<a href="#">Assail 30SG</a>	UPI	12 hrs/14 days
		<a href="#">Assail 70WP</a>	UPI	
azadirachtin	18B	<b>Aza-Direct Organic</b>	Gowan	4 hrs/day of harvest
		<a href="#">Azatin XL</a>	OHP	
		<b>Neemix 4.5 Organic</b>	Certis USA	12 hrs/day of harvest
<i>Bacillus thuringiensis</i> subsp. <i>aizawai</i>	11B1	<b>Agree WG Organic</b>	Certis USA	4 hrs/day of harvest
		<a href="#">Jackpot WP</a>	Certis USA	
		<b>XenTari Organic</b>	Valent	
<i>Bacillus thuringiensis</i> subsp. <i>kurstaki</i>	11B2	<a href="#">Crymax</a>	Certis USA	4 hrs/day of harvest
		<b>Deliver Organic</b>	Certis USA	
		<b>DiPel DF Organic</b>	Valent	
		<a href="#">Dipel ES</a>	Valent	
		<b>Javelin WG Organic</b>	Certis USA	
beta-cyfluthrin	3	<a href="#">Baythroid XL 1EC</a>	Bayer CropScience	12 hrs/14 days
bifenazate	un	<a href="#">Acramite 4SC</a>	Chemtura	12 hrs/14 days
bifenthrin	3	<a href="#">Brigade WSB</a>	FMC	12 hrs/21 days
bifenthrin + zeta-cypermethrin	3	<b>Hero Insecticide</b>	FMC	12 hrs/21 days
botanical oil		<a href="#">Ecotrol EC</a> (rosemary, peppermint oils) <b>Organic</b>	EcoSMART	0 days/day of harvest
		<a href="#">Trilogy</a> (neem oil) <b>Organic</b>	Certis	4 hrs/day of harvest
carbaryl	1A	<a href="#">Carbaryl 4L</a>	UAP - Loveland	12 hrs/14 days
		<a href="#">Sevin 80S</a>	Bayer CropScience	
		<a href="#">Sevin SL</a>	Bayer CropScience	
		<a href="#">Sevin 80WSP</a>	Bayer CropScience	
		<a href="#">Sevin XLR Plus 4F</a>	Bayer CropScience	
chlorpyrifos	1B	<a href="#">Chlorpyrifos 4E AG</a>	Makhteshim Agan	24 hrs/28 days
		<a href="#">Cobalt</a>	Dow AgroSciences	
		<a href="#">Hatchet</a>	Dow AgroSciences	
		<a href="#">Lorsban-4E</a>	Dow AgroSciences	
		<a href="#">Nufos 4E</a>	Cheminova	foliar sprays 4 days/28 days
		<a href="#">Warhawk</a>	UAP – Loveland	24 hrs/28 days
		<a href="#">Whirlwind 4E</a>	Helena	
chlorpyrifos + gamma-cyhalothrin	1B + 3	<a href="#">Cobalt</a>	Dow AgroSciences	24 hrs/28 days
cyfluthrin	3	<a href="#">Baythroid 2</a>	Bayer	12 hrs/14 days
		<a href="#">Renounce 20WP</a>	Bayer	
		<a href="#">Tombstone 2EC</a>	UAP - Loveland	
		<a href="#">Tombstone Helios</a>	UAP - Loveland	
cypermethrin	3	<a href="#">Ammo 2.5 EC</a>	Helena Chemical	12 hrs/21 days
		<a href="#">Battery 2.5EC</a>	AgriLiance, LLC	
deltamethrin	3	<a href="#">Battalion 0.2EC</a>	Arysta LifeScience	12 hrs/21 days
dichloropropene		<b>Telone II</b>	Dow AgroSciences	5 days/fall pre-plant application only *See additional label precautions.
dicofol	UN C	<a href="#">Dicofol 4E</a>	Makhteshim Agan	35 days/applications must be made before shuck split
diflubenzuron	15	<a href="#">Dimilin 2L</a>	Chemtura	12 hrs/28 days
dimethoate	1B	<a href="#">Dimate 4E</a>	AgriLiance	48 hrs/21 days
		<a href="#">Dimethoate 4E</a>	Arysta LifeScience	
		<a href="#">Dimethoate 4 EC</a>	Helena Chemical	
		<a href="#">Dimethoate 5 Lb.</a>	Helena Chemical	
		<a href="#">Dimethoate 400</a>	Loveland	

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endosulfan	2A	Endosulfan 3 EC	Drexel	24 hrs/do not apply after shuck split
		Phaser 3EC	Bayer CropScience	
esfenvalerate	3	Adjourn 0.66EC	Makhteshim Agan	12 hrs/21 days
		Asana XL 0.66EC	DuPont	
etoxazole	10C	Zeal Miticide 1 72W	Valent	12 hrs/28 days
fenbutatin-oxide	12B	DuPont Vendex 50WP	DuPont	48 hrs/14 days
fenpyroximate	21	Portal Miticide/Insecticide	Nichino America	12 hrs/14 days
gamma-cyhalothrin	3	Proaxis	UAP - Loveland	24 hrs/14 days
hexythiazox	10B	Savey 50 DF	Gowan	12 hrs/28 days
horticultural oil dormant		Dormant Oil 435	Agrilience, LLC	12 hrs/until bud break
		Mite-E-Oil	Helena	4 hrs/dormant only
horticultural oil summer		Glacial Spray Fluid <b>Organic</b>	UAP – Loveland	4 hrs/do not apply after delayed dormant Oil applied after fruit set may alter fruit finish. Test on small basis before using if fruit is present.
		Saf-T-Side	Brandt Consolidated	
		Ultra-Fine Oil	Whitmire Micro-Gen	
imidacloprid	4A	Admire 2F	Bayer CropScience	12 hrs/7 days soil applied only
		Admire Pro 4.6EC	Bayer CropScience	12 hrs/7 days soil applied only
		Advise 2FL	Agrilience, LLC	12 hrs/from May 15 up to July 15 soil applied only
		Alias 2F	Makhteshim Agan	12 hrs/from May 15 up to July 15 soil applied only
		Couraze 2F	Cheminova	12 hrs/from May 15 up to July 15 soil applied only
		Imida E-AG 2F	Etigra	12 hrs/7 days soil applied only
		Nuprid 2F	Nufarm	12 hrs/7 days soil applied only
		Nuprid 4.6F Pro	Nufarm	12 hrs/7 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
Trimax Pro	Bayer CropScience	12 hrs/7 days foliar		
imidacloprid + cyfluthrin	4A + 3	Leverage 2.7	Bayer CropScience	12 hrs/14 days
kaolin		Surround WP <b>Organic</b>	Tessengerlo Kerley	4 hrs/up to day of harvest
lambda-cyhalothrin	3	Lambda-T	Helena	24 hrs/14 days
		Silencer	Makhteshim Agan	
		Taiga Z	Agrilience, LLC	
		Warrior with Zeon Technology 1CS	Syngenta	
		Warrior II with Zeon Technology 2.08EC	Syngenta	
malathion	1B	Fyfanon	Helena	12 hrs/day of harvest
		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	
methidathion	1B	Supracide 2E	Gowan	3 days/60 days
		Supracide 25-W	Gowan	2 to 14 days/60 days
methomyl	1A	Lannate LV 2.4EC	DuPont	48 hrs/30 days
		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	18A	Intrepid 2F	Dow AgroSciences	4 hrs/14 days
phosmet	1B	Imidan 70-W	Gowan	3 days/14 days
potassium salts		M-Pede <b>Organic</b>	Dow AgroSciences	12 hrs/day of harvest
pymetrozine	9B	Fulfill 50WDG	Syngenta	12 hrs/14 days
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/21 days
		Esteem 0.86 EC	Valent	
		Esteem Ant Bait	Valent	12 hrs/24 hrs
		Knack Insect Growth Regulator 0.86EC	Valent	12 hrs/21 days <b>GA, FL only</b>

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spinosad	5	Entrust Organic	Dow AgroSciences	4 hrs/14 days
		SpinTor 2SC	Dow AgroSciences	
		Success Naturalyte Insect Control	Dow AgroSciences	
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
thiamethoxam	4A	Centric 40WG	Syngenta	12 hrs/14 days
zeta-cypermethrin	3	Mustang	FMC	12 hrs/7 days
		Mustang Max	FMC	