

Georgia Black Walnut 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 hr/21 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	
acetamiprid	4A	Assail 30SG	UPI	12 hrs/14 days
		Assail 70WP	UPI	
azadirachtin	18B	Aza-Direct Organic	Gowan	4 hrs/day of harvest
		Azatin XL	OHP	4 hrs/day of harvest
		Neemix 4.5 Organic	Certis USA	12 hrs/day of harvest
azinphos methyl	1B	Guthion Solupak 50%	Bayer CropScience	30 days/30 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/14 days
bifenazate	25	Acramite 50WS	Chemtura	12 hrs/14 days
bifenthrin	3	Brigade WSB	FMC	12 hrs/7 days
botanical oil		Ecotrol EC (rosemary, peppermint oils) Organic	EcoSMART	0 days/day of harvest
		Trilogy (neem oil) Organic	Certis	4 hrs/avoid spraying after husk split
carbaryl	1A	Carbaryl 4L	UAP - Loveland	12 hrs/14 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	24 hrs/14 days
		Chlorpyrifos 4E-AG	Micro Flo	
		Hatchet	Dow AgroSciences	
		Lorsban-4E	Dow AgroSciences	foliar sprays 4 days/14 days
		Nufos 4E	Cheminova	
		Warhawk	UAP – Loveland	
chlorpyrifos + gamma-cyhalothrin	1B + 3	Cobalt	Dow AgroSciences	24 hrs/14 days
clofentezine	10A	Apollo SC	Makhteshim Agan	12 hrs/30 days
cyfluthrin	3	Renounce 20WP	Bayer	12 hrs/14 days
		Tombstone 2EC	UAP - Loveland	
		Tombstone Helios	UAP - Loveland	
dicofol	UN C	Dicofol 4E	Makhteshim Agan	35 days/applications must be made before shuck split
diflubenzuron	15	Dimilin 2L	Chemtura	12 hrs/28 days

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endosulfan	2A	Endosulfan 3 EC	Drexel	24 hrs/do not apply after husk split
		Phaser 3EC	Bayer CropScience	
		Thionex 3EC	Makhteshim Agan	2 days/do not apply after husk split
		Thionex 50W	Makhteshim Agan	
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
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 Spray Oil 100	Helena	4 hrs/delayed dormant
		Mite-E-Oil	Helena	4 hrs/do not apply after husk split
		Omni Oil 6E	Helena	4 hrs/delayed dormant
		Omni Supreme Spray	Helena	12 hrs/dormant or delayed dormant
		Par F 70 Soluble Oil	Helena	
horticultural oil summer		Glacial Spray Fluid Organic	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	
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
		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
		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 Organic	Tessenderlo 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	Malathion 57 EC	UAP – Loveland	12 hrs/day of harvest
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	
methidathion	1B	Supracide 2E	Gowan	3 days/7 days
		Supracide 25-W	Gowan	2 to 14 days/7 days
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
permethrin	3	Ambush 25W	Amvac Chemical	12 hrs/24 hrs
		Pounce 25WP	FMC	
phosmet	1B	Imidan 70-W	Gowan	7 days/28 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	

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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 GA, FL only
spinosad	5	Entrust Organic	Dow AgroSciences	4 hrs/14 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
zeta cypermethrin	3	Mustang	FMC	12 hrs/7 days
		Mustang Max	FMC	