

## MRL AND PHI SUMMARY (updated June 2019)

Maximum Residue Limit (MRL in mg/kg) and Pre-harvest Interval (PHI in days) for registered active ingredients on pecans.

Product trade names and targets are given as registered for the use on pecans.

MRLs (mg/kg = ppm); PHI (days); (\*) LoD = lower limit of analytical determination; (-) No set MRL value - refer to Codex MRL. If no Codex MRL, use the MRL for SA.

The provider cannot accept any liability for its accuracy and users who rely on this information do so at their own risk.



Active Ingredient	Tradename	Target	PHI	SA MRL	EU MRL	USA MRL	Russia MRL	Codex MRL	China MRL	Japan MRL	Canada MRL
abamectin [syn. avermectin]	Agrimec Gold	Mites - European red mite, Mites - Red spider mite	14	-	0.01*	0,01	-	0,005	-	0,01	0,01
(E)-8-dodecyl acetate [syn. (E)-8-dodecen-1-yl acetate]	CheckMate FCM-F	False codling moth	0	-	0,01	-	-	-	-	-	0,1
	RB SPLAT FCM										
	X-Mate F.C.M.										
	Isomate FCM										
(Z)-8-dodecyl acetate [syn. (Z)-8-dodecen-1-yl acetate]	CheckMate FCM-F	False codling moth	0	-	0,01	-	-	-	-	-	0,1
	RB SPLAT FCM										
	X-Mate F.C.M.										
	Isomate FCM										
acetamiprid	Cormoran 180 EC	False codling moth	84	0,1	0,07	0,1	*	0,06	-	0,1	0,1
	Allice 20 SP		50								
	Aceta Star 46 EC		28								
acephate	Ace 750 SP	Stink bug complex, Stink bug - Two-spotted stink bug	35	-	0.02*	0,05	-	-	-	0,01	0,1
	Orthene 75 SP	Macadamia nut borer									
alpha-cypermethrin	Fastac SC	Bollworm, Stink bug, Weevils - Banded fruit weevil	30	0,05	0.05*	0,05	-	0.05*	-	0,05	0,05
azoxystrobin	Amistar Top	Anthrachnose, Blossom blight, Downy spot, Late blight, Leaf spot, Panicle and shoot blight, Powdery mildew, Rust - Leaf rust, Scab - Pecan scab	45	0,01	0,01	0,02	0,01	0,01	-	1	0,02
<i>Bacillus thuringiensis</i> , subspecies kurstaki (strain SB4)	BeTaPro	False codling moth	0	-	0,01	-	-	-	-	-	-
<i>Beauveria bassiana</i>	Broadband	False codling moth	0	-	0.01*	N/A	N/A	-	N/A	-	0,1
	Eco-Bb										
beta-cyfluthrin	Bulldock Beta 125 SC	Bark borer, Stem borer	-	-	0.02*	0,01	-	0,05	-	0,02	0,05

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bifenthrin	Aceta Star 46 EC	False codling moth	28	0,05	0,05	0,05	-	0,05	-	0,05	0,1
boscalid	Bellis	Anthrachnose, Blossom blight, Husk rot, Husk spot	14	1	0.05*	0,7	0,05	0.05*	-	0,7	0,7
canola oil	Kannar Pygar 932	Ants, Aphids,	1		N/A	-	-	-	-	-	0,1
	Kannar KangroShield 100	Astylus beetle, Bollworm	2								
carbaryl	Sevin XLR Plus	Stem and bark borers	0	-	0.02*	0,1	1	1	-	1	1/10
[E,E]-8,10-dodecadien-1-ol (codlemone)	BioLure CM	Codling moth	0	-	-	-	-	-	-	-	-
	Chempac BioLure CM-10X										
carfentrazone-ethyl	Aurora 40WG	Weeds - Broadleaf weeds	-	-	0.01*	0,1	-	-	-	0,08	0,1
chlorantraniliprole	Altacor	False codling moth									
	Coragen	False codling moth	10	0.1*	0,05	0,02	-	0,02	0,02	0,02	0,02
chlorantraniliprole	Ampligo	Bollworm, Carob moth, Codling moth, False codling moth, Litchi moth, Stink bug complex	14	0.1*	0,05	0,02	-	0,02	0,02	0,02	0,02
	Bravo 720	Alternaria blight, Blossom blight, Botrytis, Brown rot - Monilinia, Eastern Filbert blight, Rust - Stone fruit rust, Scab, Septoria leaf spot, Shot-hole	120	-	0.01*	-	-	-	-	0,01	0,1
chlorpyrifos	Pyrinex 250 CS	Cotton aphid, Stink bug, Thrips	83	-	0.05*	0,2	0,05	0.05*	-	0,2	0,1
cycloxydim	Focus Ultra	Weeds - Grass weeds	40	-	0.05*	-	-	-	-	0,05	0,1

Active Ingredient	Tradename	Target	PHI	SA MRL	EU MRL	USA MRL	Russia MRL	Codex MRL	China MRL	Japan MRL	Canada MRL									
cyprodinil	Switch	Alternaria, Botrytis	7	0,5	0.02*	0,04	-	-	-	0,01	0,1									
	Chorus	Alternaria, Fruit rot																		
difenoconazole	Amistar Top	Anthracnose, Blossom blight, Downy spot, Late blight, Leaf spot, Panicle and shoot blight, Powdery mildew, Rust - Leaf rust, Scab - Pecan scab	45	0,01	0.05*	0,03	-	0,03	0,03	0,03	0,03									
	Score	Husk spot																		
diquat	Parody 200 SL	Weeds - Broadleaf weeds, Weeds - Grass weeds	7	-	0,02	0,02	-	-	-	0,03	0,1									
	Preeglone																			
diuron	Ag-Diuron 800 SC	Weeds - Broadleaf weeds, Weeds - Grass weeds	-	-	0.02*	0,05	0.02*	-	-	0,05	0,1									
	Diurex 80 WG																			
	Diurex 800 SC																			
	Diuron 800 SC (L6236)																			
	Diuron 800 SC (L7042)																			
	Diuron 800 WG																			
	Diuron 800 WP																			
	Dynamo 800 SC																			
	FarmAg Diuron 800 SC																			
	FarmAg Diuron 800 WG																			
	Farmex																			
Karmex DF (L7998)	Weeds - Broadleaf weeds, Weeds - Grass weeds	-	-	0.02*	0,05	0.02*	-	-	0,05	0,1										
Develop 800 WDG																				
Extend 800 WDG																				
E/Z-8-dodecenol	Isomate FCM										False codling moth	-	N/A	-	-	-	-	-	0,1	
emamectin benzoate	Proclaim										Bollworm, Codling moth, False codling moth, Leaf roller	14	0.01*	0.01*	0,02	-	0,001	-	0,01	0,1
	Emma										Macadamia nut borer	50								
	Vitex 50										Macadamia nut borer	50								
fentin hydroxide	Ag-Tin										Scab	-	-	0,05	0,05	-	-	-	0,05	0,1
fluaizifop-P-butyl	Fusilade Forte										Weeds - Broadleaf weeds, Weeds - Grass weeds	40	0,05	0.01*	0,05	-	0.01*	-	0,01	0,1
fludioxonil	Switch										Alternaria, Botrytis	7	0,5	0.01*	-	-	-	-	0,01	0,1
fenamiphos	Nemacur 100 GR										Nematodes	120	0,05	0.02*	-	-	-	-	0,02	-
furfural (aldehyde)	Protect	Soil fungi & plant parasitic nematodes	-	-	1	-	-	-	-	-	-									
garlic juice extract	Kannar Pygar 932	Ants,	1	-	-	-	-	-	-	-	-									
	Kannar KangroShield 100	Aphids,	2	-	-	-	-	-	-	-	0,1									
	Kannar Garlic Repellent 930	Aphids	-	-	-	-	-	-	-	-	-									
glufosinate-ammonium	Basta	Weeds - Broadleaf weeds, Weeds - Grass weeds, Weeds - Sedges	-	-	0,1	0,1	0,1	0,1	-	0,1	0,1									
	Glufos 200 SL																			
	Nirvana																			
	Silent																			

Active Ingredient	Tradename	Target	PHI	SA MRL	EU MRL	USA MRL	Russia MRL	Codex MRL	China MRL	Japan MRL	Canada MRL
glyphosate	Bounty 500 WSG	Weeds - Broadleaf weeds, Weeds - Grass weeds, Weeds - Noxious weeds	-	-	0.1*	1	-	-	-	1	0,1
	Bounty SL										
	Glygran 710 SG										
	Glyphogan 360 SL										
	Kalach 510 SL										
	Makhro Glyphosate 360 SL										
	Panga 360 SL										
	Panga Turbo 450 SL	Weeds - Broadleaf weeds,									
	Rondo 757 SG	Weeds - Grass weeds,									
	Roundup	Weeds - Noxious weeds,									
	Roundup Max	Weeds - Sedges									
	Roundup Turbo										
	Scat 360 SL										
	Sharda Glyphosate 360 SL										
	Slash Turbo 450 SL										
	Touchdown Forte HiTech										
	Tumbleweed										
	Enviro Glyphosate 360										
	Erase 360 SL										
	Glyphosate WSG										
	Kalach 700 WSG										
	Nexus Glyphosate 360	Weeds - Broadleaf weeds,									
	Panga High-Load 600 SL	Weeds - Grass weeds									
	Piranha 510 SL										
	Piranha Dry										
	Pirhana 360 SL										
	Seismic										
	Springbok 360 SL										
	Glyphofix 180 SL	Weeds - Broadleaf weeds									
	Mamba 360 SL										
	Mamba DMA 480 SL										
	Mamba Max 480 SL	Weeds - Broadleaf weeds,									
Muscle-Up 360 SL	Weeds - Grass weeds,										
Silvimax	Weeds - Sedges										
Silvinator											
Slash 360 SL											
Slash 710 SG											
<i>Helicoverpa armigera</i> nucleopolyhedrovirus [syn. bollworm nucleopolyhedrovirus]	Helicovir Graboll Bolidex®	Bollworm - African (American) bollworm	0	-	-	-	-	-	-	-	0,1
imidacloprid	Kohinor 350 SC	Aphids, Thrips	112	-	0.05*	0,05	-	0,01	-	0,04	0,05
indoxacarb	Steward 150 EC	False codling moth	14	-	0.02*	-	-	-	-	0,01	0,1
lambda-cyhalothrin	Ampligo	Bollworm, Carob moth, Codling moth, False codling moth, Litchi moth, Stink bug complex	14	0,1	0.05*	0,05	-	0.01*	0,01	0,5	0,05
	Karate EC	Stink bug									
	Karate Zeon 10 CS										
methoxyfenoziide	Marksman 240 SC	False codling moth	14	3	0,1	0,1	-	0,1	-	0,1	0,1
	Runner 240 SC										
	Walker 240 SC										
novaluron	Cormoran 180 EC	False codling moth	84	0,01	0.01*	0,01	-	-	-	0,01	0,1

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organic plant acids	Kannar Kanguard 940	Fungi	1	-	-	-	-	-	-	-	0,1
paclobutrazol	Avocet Cultar	Vegetative growth control	-	0,05	0,5	-	-	-	-	0,01	0,1
paraquat	Parody 200 SL	Weeds - Broadleaf weeds, Weeds - Grass weeds	-	-	0.02*	0,05	0,05	0,05	0,05	0,05	0,1
	Preegione										
	Agriquat 200 SL										
	Agroquat										
	Agroquat 200 SL										
	AVI-Paraquat										
	Castle Paraquat 200										
	Gramoxone										
	Harpoon 200 SL										
	Makhro Paraquat										
	Nexus Paraquat SL										
	Paragone SL										
	Paraquat 200										
	Paraquat SL										
	Remquat 200 SL										
Scorcher											
Sharda Paraquat 200 SL											
Shinquat 200 SL											
Skoffel 145 SL											
	Skoffel 200 Super	Weeds - Broadleaf weeds, Weeds - Grass weeds, Weeds - Sedges									
piperonyl butoxide	Kannar KangroShield 100	Ants, Aphids, Astyus beetle, Bollworm, CMR beetle, Mites - Red spider mite, Thrips, Whitefly	2	10	N/A	-	-	-	-	8	0,1
propiconazole	Bumper 250 EC	Scab	90	0,05	0.02*	0,1	0,02	0.02*	0,02	0,05	0,1
	Makhrozole 250 EC										
	Propiconazole 250EC										
	Propizole 250 EC										
	Tilt										
pymetrozine	Chess	Stink bug, Sucking bug complex	21	-	0.02*	0,02	-	-	-	0,02	0,02
pyraclostrobin	Bellis	Anthrachnose, Blossom blight, Husk rot, Husk spot	14	0,02	0.02*	0,04	0,02	0.02*	-	0,02	0,04
pyrethrin extract	Kannar Pygar 932	Ants,	1	1	1	1	0,5	0.5*	-	1	1
	Kannar KangroShield 100	Aphids,	2								
spinetoram	Delegate 250 WG	False codling moth, Nut borer, Thrips	7	-	0.05*	0,1	0,01	0,01	0,01	0,1	0,02
sulfoxaflor [syn. isoclast]	Closer 240 SC	Mealy bug	14	0,02	0.02*	0,015	-	-	-	0,02	0,015
<i>Thaumotobia (Cryptophlebia) leucotreta</i> granulovirus [syn. false	Cryptex Cryptogran	False codling moth	0	-	0,01	-	-	-	-	-	0,1
thiamethoxam	Actara SC	Stink bug	93	-	0.02*	0,02	-	0,01	-	0,02	0,02
trifluralin	Makhrotref 480 EC	Weeds - Broadleaf weeds,	-	-	0.01*	0,05	-	-	-	0,05	0,1
	Rifle 480 EC										
	Trifluralin 480 EC										
	Triffurex 480 EC										