

INSECTICIDES

Target	Active ingredient	Group code	Trade name	Reg. no.	Company	Active quantity	Dosage	PHI (days)
Ants	canola oil + garlic juice extract + pyrethrin extract	IRAC 3A	KangroShield 100	L7630	Kannar Earth Science (Pty) Ltd	250 g/L + 642 g/L + 3.5 g/L	500 ml/100L	2
		IRAC 3A	Pygar 932	L7146	Kannar Earth Science (Pty) Ltd	473 g/L + 473 g/L + 0.6875 g/L	1.5-2 L/100L	1
Aphids	canola oil + garlic juice extract + pyrethrin extract	IRAC 3A	KangroShield 100	L7630	Kannar Earth Science (Pty) Ltd	250 g/L + 642 g/L + 3.5 g/L	500 ml/100L	2
			Pygar 932	L7146	Kannar Earth Science (Pty) Ltd	473 g/L + 473 g/L + 0.6875 g/L	1.5-2 L/100L	1
	garlic juice extract	-	Garlic Repellent 930	L7147	Kannar Earth Science (Pty) Ltd	478 g/L	2-3 L/100L	N/A
	imidacloprid	IRAC 4A	Kohinor 350 SC	L8447	Adama South Africa (Pty) Ltd	350 g/L	18 ml/tree	200
	pirimicarb	IRAC 1A	Apex 500 WDG	L8475	Villa Crop Protection (Pty) Ltd	500 g/kg	100 g/100L	56
Astylus beetle	canola oil + garlic juice extract + pyrethrin extract	IRAC 3A	KangroShield 100	L7630	Kannar Earth Science (Pty) Ltd	250 g/L + 642 g/L + 3.5 g/L	500 ml/100L	2
			Pygar 932	L7146	Kannar Earth Science (Pty) Ltd	473 g/L + 473 g/L + 0.6875 g/L	1.5-2 L/100L	1
Banded fruit weevil	alpha-cypermethrin	IRAC 3A	Fastac SC	L4992	BASF South Africa (Pty) Ltd	100 g/L	10 ml/100L	30
Bark borer	beta-cyfluthrin	IRAC 3A	Bulldock Beta 125 SC	L7612	Bayer (Pty) Ltd	125 g/L	1.2 ml/10L	N/A
	carbaryl	IRAC 1A	Sevin XLR Plus	L5783	Villa Crop Protection (Pty) Ltd	480 g/L	450 ml/100L	N/A
Bollworm	alpha-cypermethrin	IRAC 3A	Fastac SC	L4992	BASF South Africa (Pty) Ltd	100 g/L	5 ml/100L	30
	bollworm nucleopolyhedrovirus	-	Bolldex®	L8895	Andermatt Madumbi (Pty) Ltd	7.5 x 10 ¹² occlusion bodies/L	200 ml/ha	N/A
			Graboll	L9295	Chempac (Pty) Ltd	7.5 x 10 ¹² occlusion bodies/L	200 ml/ha	N/A
	canola oil + garlic juice extract + pyrethrin extract	IRAC 3A	KangroShield 100	L7630	Kannar Earth Science (Pty) Ltd	250 g/L + 642 g/L + 3.5 g/L	500 ml/100L	2
			Pygar 932	L7146	Kannar Earth Science (Pty) Ltd	473 g/L + 473 g/L + 0.6875 g/L	1.5-2 L/100L	1
	chlorantraniliprole + lambda-cyhalothrin*	IRAC 28 + IRAC 3A	Ampligo	L8685	Syngenta South Africa (Pty) Ltd	100 g/L + 50 g/L	200-500 ml/ha	14
	emamectin benzoate	IRAC 6	Proclaim	L7581	Syngenta South Africa (Pty) Ltd	50 g/kg	22-34 g/100L	14
			Tarpinon 50 WG	L11338	Enviro Biochem	50 g/kg	22-34 g/100L	14
			Stanza 50 WG	L10836	Avima (Pty) Ltd	50 g/kg	20-34 g/100L	14
			Elegant	L9173	Typhoon Plant Protection (Pty) Ltd	50 g/kg	20 g/L	50
Carob moth	chlorantraniliprole + lambda-cyhalothrin*	IRAC 28 + IRAC 3A	Ampligo	L8685	Syngenta South Africa (Pty) Ltd	100 g/L + 50 g/L	200-500 ml/ha	14
	canola oil + garlic juice extract + pyrethrin extract	IRAC 3A	KangroShield 100	L7630	Kannar Earth Science (Pty) Ltd	250 g/L + 642 g/L + 3.5 g/L	500 ml/100L	2
CMR beetle			Pygar 932	L7146	Kannar Earth Science (Pty) Ltd	473 g/L + 473 g/L + 0.6875 g/L	1.5-2 L/100L	1
			Chempac BioLure CM-10X	L6232	Chempac (Pty) Ltd	31.021 g/Kg	1/trap/2 ha	N/A
Codling moth	(e,e)-8,10-dodecadien-1-ol	-	Chempac BioLure CM-10X	L6232	Chempac (Pty) Ltd	31.021 g/Kg	1/trap/2 ha	N/A
	chlorantraniliprole + lambda-cyhalothrin*	IRAC 28 + IRAC 3A	Ampligo	L8685	Syngenta South Africa (Pty) Ltd	100 g/L + 50 g/L	200-500 ml/ha	14
	emamectin benzoate	IRAC 6	Proclaim	L7581	Syngenta South Africa (Pty) Ltd	50 g/kg	22-34 g/100L	14
			Tarpinon 50 WG	L11338	Enviro Biochem	50 g/kg	22-34 g/100L	14
			Stanza 50 WG	L10836	Avima (Pty) Ltd	50 g/kg	20-34 g/100L	14
			Conflict 19.2 EC	L11361	Villa Crop Protection (Pty) Ltd	19.2 g/L	58-88 ml/100L	14
			Elegant	L9173	Typhoon Plant Protection (Pty) Ltd	50 g/kg	20 g/L	50
European red mite	abamectin*	IRAC 6	Agrimec Gold	L9235	Syngenta South Africa (Pty) Ltd	84 g/L	130-320 ml/ha + 0.25% light mineral oil	14
			Abamec Plus	L5888	Enviro Biochem	18 g/L	606.7-1493.3 ml/ha + 0.25% light mineral oil	14
	Metarhizium anisopliae ICIPE 78	-	Real Metarhizium 78	L11484	Real IPM South Africa (Pty) Ltd	At least 1 x 10 ⁹ cfu/ml	200-400 ml/ha	N/A
	(e)-7-dodecenyl acetate + (e)-8-dodecenyl acetate + (z)-8-dodecenyl acetate	-	F.C.M. PheroLure	L7875	Insect Science (Pty) Ltd	12.5 + 10.4 + 2.1 mg/lure	1 trap/4-5 ha	N/A
False codling moth	(e)-8-dodecenyl acetate + (z)-8-dodecenyl acetate	-	RB Splat FCM	L10259	River Bioscience (Pty) Ltd	15 g/kg + 15 g/kg	1000 g/ha	N/A
	(e)-8-dodecenyl acetate + (z)-8-dodecenyl acetate + (e/z)-8-dodecenol	-	X-Mate F.C.M.	L10320	Insect Science (Pty) Ltd	962.5 mg + 287.5 mg each	1 disp. / 250 m ² (25 disp. /ha)	N/A
			Isomate FCM	L7692	AECI Limited	695 g/kg + 259 g/kg + 10 g/kg	800 disp. /ha/season	N/A
	azadirachtin	IRAC UN	Bioneem	L6958	BIOGROW Chemicals (Pty) Ltd	3 g/L	3-6 L/ha	N/A
	Beauveria bassiana	-	Broadband	L8270	BASF South Africa (Pty) Ltd	4 x 10 ⁹ spores/ml	50 ml/100L	N/A

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Target	Active ingredient	Group code	Trade name	Reg. no.	Company	Active quantity	Dosage	PHI (days)
False codling moth (continued)	chlorantraniliprole	IRAC 28	Cordial 200 SC	L9501	Villa Crop Protection (Pty) Ltd	200 g/L	17.5 ml/100L	10
			Metro 200 SC	L5902	River Bioscience (Pty) Ltd	200 g/L	17.5 ml/100L	10
			Tjaila 200 SC	L11702	Typhoon Plant Protection (Pty) Ltd	200 g/L	17.5 ml/100L	10
			Cordial 350 WDG	L9848	Villa Crop Protection (Pty) Ltd	350 g/kg	10 g/100L	10
			Chlo-Pro 200 SC	L11892	ICA International Chemicals (Pty) Ltd	200 g/L	17.5 ml/100L	10
	chlorantraniliprole + lambda-cyhalothrin*	IRAC 28 + IRAC 3A	Ampligo	L8685	Syngenta South Africa (Pty) Ltd	100 g/L + 50 g/L	200-500 ml/ha	14
	CrpeNPV (<i>Cryptophlebia peltastica</i> nucleopolyhedrovirus)	-	MultiMax	L11365	River Bioscience (Pty) Ltd	5 x 10 ¹⁰ occlusion bodies/ml	60-80 ml/ha	N/A
	emamectin benzoate	IRAC 6	Proclaim	L7581	Syngenta South Africa (Pty) Ltd	50 g/kg	22-34 g/100L	14
			Tarpinon 50 WG	L11338	Enviro Biochem	50 g/kg	22-34 g/100L	14
			Emperor 50 WG	L11613	ICA International Chemicals (Pty) Ltd	50 g/kg	22-34 g/100L	14
			Stanza 50 WG	L10836	Avima (Pty) Ltd	50 g/kg	20-34 g/100L	14
			Conflict 19.2 EC	L11361	Villa Crop Protection (Pty) Ltd	19.2 g/L	58-88 ml/100L	14
			Elegant	L9173	Typhoon Plant Protection (Pty) Ltd	50 g/kg	20 g/L	50
	indoxacarb	IRAC 22A	InCide 300 WG	L10524	ICA International Chemicals (Pty) Ltd	150 g/L	25 g/100L	14
	methoxyfenozide	IRAC 18	Cohort 240 SC	L10866	FarmAg International (Pty) Ltd	240 g/L	60 ml/100L	14
			Marksman 240 SC	L10389	ICA International Chemicals (Pty) Ltd	240 g/L	60 ml/100L	14
			Walker 240 SC	L10348	Villa Crop Protection (Pty) Ltd	240 g/L	60 ml/100L	14
			Bolt 240 SC	L11215	AECI Limited	240 g/L	60 ml/100L	14
			Chimera 240 SC	L11186	Adama South Africa (Pty) Ltd	240 g/L	60 ml/100L	14
			Chaser 240 SC	L10304	Harvest Crop Soultions (Pty) Ltd	240 g/L	60 ml/100L	14
	spinetoram	IRAC 5	Delegate 250 WG	L8392	Corteva	250 g/kg	20 g/100L	7
	sterilized False Codling Moth males	-	Xsit FCM SIT	L10346	Xsit (Pty) Ltd / Edms. Bpk	14 000 per pack	See label	N/A
	<i>Thaumatotibia (Cryptophlebia) leucotreta</i> granulovirus	-	Cryptex	L8037	Andermatt Madumbi (Pty) Ltd	2 x 10 ¹⁰ occlusion bodies/ml	3.3 ml/100L	N/A
			Cryptogran	L7598	River Bioscience (Pty) Ltd	5 x 10 ¹⁰ occlusion bodies/ml	10 ml/100L	N/A
Leaf roller	emamectin benzoate	IRAC 6	Proclaim	L7581	Syngenta South Africa (Pty) Ltd	50 g/kg	22-34 g/100L	14
			Stanza 50 WG	L10836	Avima (Pty) Ltd	50 g/kg	20-34 g/100L	14
			Elegant	L9173	Typhoon Plant Protection (Pty) Ltd	50 g/kg	22-34 g/L	50
			Ampligo	L8685	Syngenta South Africa (Pty) Ltd	100 g/L + 50 g/L	200-500 ml/ha	14
Litchi moth	chlorantraniliprole + lambda-cyhalothrin*	IRAC 28 + IRAC 3A	Ampligo	L8685	Syngenta South Africa (Pty) Ltd	100 g/L + 50 g/L	200-500 ml/ha	14
Macadamia nut borer	acetamiprid	IRAC 4A	Wonderland 200 SP	L10057	FarmAg International (Pty) Ltd	200 g/L	50 g/100L	50
			Tension 200 SP	L11213	Farmkem Speciality Products (Pty) Ltd	200 g/kg	50 g/100L	50
			Maintain 200 SP	L9225	Villa Crop Protection (Pty) Ltd	200 g/kg	50 g/100L	28
	azadirachtin	IRAC UN	Bioneem	L6958	BIOGROW Chemicals (Pty) Ltd	3 g/L	4-8 L/ha	N/A
	chlorantraniliprole	IRAC 28	Metro 200 SC	L5902	River Bioscience (Pty) Ltd	200 g/L	20 ml/100L	10
	CrpeNPV (<i>Cryptophlebia peltastica</i> nucleopolyhedrovirus)	-	MultiMax	L11365	River Bioscience (Pty) Ltd	5 x 10 ¹⁰ occlusion bodies/ml	60-80 ml/ha	N/A
	emamectin benzoate	IRAC 6	Vitex 50	L9525	Meridian Agrochemical Company (Pty) Ltd	50 g/kg	30 g/100L	50
			Conflict Granule	L11195	Villa Crop Protection (Pty) Ltd	200 g/kg	7.5 g/100L	50
			Emperor 50 WG	L11613	ICA International Chemicals (Pty) Ltd	50 g/kg	30 g/100L	50
			Stanza 50 WG	L10836	Avima (Pty) Ltd	50 g/kg	30 g/100L	14
			spinetoram	IRAC 5	Delegate 250 WG	L8392	Corteva	250 g/kg
	Mealybug	<i>Metarhizium anisopliae</i> ICIPE 69	-	Real Metarhizium 69	L9281	Real IPM South Africa (Pty) Ltd	At least 1 x 10 ⁹ cfu/ml	200-400 ml/ha
sulfoxaflor		IRAC 4C	Closer 240 SC	L9694	Corteva	240 g/L	12 ml/100L	14
Red spider mite	abamectin*	IRAC 6	Agriamec Gold	L9235	Syngenta South Africa (Pty) Ltd	84 g/L	130-320 ml/ha + 0.25% light mineral oil	14
			Abamec Plus	L5888	Enviro Biochem	18 g/L	606.7-1493.3 ml/ha + 0.25% light mineral oil	14



Registered product list for Pecan nuts in South Africa

Registrations against specific targets on pecan nuts obtained under Act 36 of 1947.

Update: 30 January 2026

INSECTICIDES

Target	Active ingredient	Group code	Trade name	Reg. no.	Company	Active quantity	Dosage	PHI (days)
Red spider mite (continued)	canola oil + garlic juice extract + pyrethrin extract	IRAC 3A	KangroShield 100	L7630	Kannar Earth Science (Pty) Ltd	250 g/L + 642 g/L + 3.5 g/L	500 ml/100L	2
			Pygar 932	L7146	Kannar Earth Science (Pty) Ltd	473 g/L + 473 g/L + 0.6875 g/L	1.5-2 L/100L	1
	<i>Metarhizium anisopliae</i> ICIPE 78	-	Real Metarhizium 78	L11484	Real IPM South Africa (Pty) Ltd	At least 1 x 10 ⁹ cfu/ml	200-400 ml/ha	N/A
Stem borer	beta-cyfluthrin	IRAC 3A	Bulldock Beta 125 SC	L7612	Bayer (Pty) Ltd	125 g/L	1.2 ml/10L	N/A
	carbaryl	IRAC 1A	Sevin XLR Plus	L5783	Villa Crop Protection (Pty) Ltd	480 g/L	450 ml/100L	N/A
Stink bug	acephate	IRAC 1B	Acephate 750 SP	L7181	Villa Crop Protection (Pty) Ltd	750 g/kg	75 g/100L or 1.75 kg/ha aerial (50L/ha)	35
	alpha-cypermethrin	IRAC 3A	Fastac SC	L4992	BASF South Africa (Pty) Ltd	100 g/L	10 ml/100L	30
	bifenthrin	IRAC 3A	Tempes 100 EC	L9946	Villa Crop Protection (Pty) Ltd	100 g/L	50 ml/100L	28
			Ramba 100 EC	L9899	Villa Crop Protection (Pty) Ltd	100 g/L	50 ml/100L	28
	chlorantraniliprole + lambda-cyhalothrin*	IRAC 28 + IRAC 3A	Ampligo	L8685	Syngenta South Africa (Pty) Ltd	100 g/L + 50 g/L	200-500 ml/ha	14
	lambda-cyhalothrin*	IRAC 3A	Karate Zeon 10 CS	L9023	Syngenta South Africa (Pty) Ltd	100 g/L	5 ml/100L	14
			Lambda Cyhalothrin 50 EC	L11652	Typhoon Plant Protection (Pty) Ltd	50 g/L	100-200 ml/ha	14
	pymetrozine	IRAC 9B	Chess	L8104	Syngenta South Africa (Pty) Ltd	500 g/kg	40 g/100L	21
			Pymetrozine 500 WG	L11095	UPL Corporation Limited	500 g/kg	40 g/100L	21
			Encounter 500 WG	L11459	FarmAg International (Pty) Ltd	500 g/kg	40 g/100L	21
Thrips	thiamethoxam	IRAC 4A	Actara SC	L7207	Syngenta South Africa (Pty) Ltd	240 g/L	9 then 6 ml/tree 90 days later	93
	acetamiprid	IRAC 4A	Maintain 200 SP	L9225	Villa Crop Protection (Pty) Ltd	200 g/kg	50 g/100L	28
	azadirachtin	IRAC UN	Bioneem	L6958	BIOGROW Chemicals (Pty) Ltd	3 g/L	2-4 L/ha	N/A
	canola oil + garlic juice extract + pyrethrin extract	IRAC 3A	KangroShield 100	L7630	Kannar Earth Science (Pty) Ltd	250 g/L + 642 g/L + 3.5 g/L	500 ml/100L	2
			Pygar 932	L7146	Kannar Earth Science (Pty) Ltd	473 g/L + 473 g/L + 0.6875 g/L	1.5-2 L/100L	1
	imidacloprid	IRAC 4A	Kohinor 350 SC	L8447	Adama South Africa (Pty) Ltd	350 g/L	18 ml/tree	200
	<i>Metarhizium anisopliae</i> ICIPE 69	-	Real Metarhizium 69	L9281	Real IPM South Africa (Pty) Ltd	At least 1 x 10 ⁹ cfu/ml	200-400 ml/ha	N/A
	spinetoram	IRAC 5	Delegate 250 WG	L8392	Corteva	250 g/kg	10 g/100L	7
Whitefly	canola oil + garlic juice extract + pyrethrin extract	IRAC 3A	KangroShield 100	L7630	Kannar Earth Science (Pty) Ltd	250 g/L + 642 g/L + 3.5 g/L	500 ml/100L	2
			Pygar 932	L7146	Kannar Earth Science (Pty) Ltd	473 g/L + 473 g/L + 0.6875 g/L	1.5-2 L/100L	1

Growers are advised to use this list at own risk and to read the product label before application, and apply products at their own risk.

PHI = Pre-harvest interval (withholding period). Time from spray or application up to harvest or handling of nut in husk - measured in days.

*Highly Hazardous Pesticide (HHP).

Restricted use agricultural remedy (bold red text).

Registered product list for Pecan nuts in South Africa

Update: 30 January 2026

Registrations against specific targets on pecan nuts obtained under Act 36 of 1947.

FUNGICIDES

Disease	Active ingredient	Group code	Trade name	Reg. no.	Company	Active quantity	Dosage	PHI
Alternaria blight	chlorothalonil*	FRAC M5	Bravo 720	L7005	Syngenta South Africa (Pty) Ltd	720 g/L	3.5 L/ha	120
			TalOnil 720	L8935	Enviro Biochem	720 g/L	3.5 L/ha	120
			Mission 720	L8432	Villa Crop Protection (Pty) Ltd	720 g/L	115 ml/100L	56
	cyprodinil	FRAC 9	Chorus	L5383	Syngenta South Africa (Pty) Ltd	500 g/kg	380-500 g/ha	7
	cyprodinil + fludioxonil	FRAC 9 + FRAC 12	Switch	L5926	Syngenta South Africa (Pty) Ltd	375 g/L + 250 g/L	800-950 g/ha	7
Alternaria late blight	azoxystrobin	FRAC 11	Mycoblock 250 SC	L8591	Villa Crop Protection (Pty) Ltd	250 g/L	20 ml/100L	45
	azoxystrobin + difenoconazole*	FRAC 11 + FRAC 3	Dimension 325 SC	L10355	FarmAg International (Pty) Ltd	200 g/L + 125 g/L	500-1000 ml/ha	45
			Rendefed 325 SC	L11330	AECI Limited	200 g/L + 125 g/L	500-1000 ml/ha	45
			Obstructo Prime 325 SC	L11505	ICA International Chemicals (Pty) Ltd	200 g/L + 125 g/L	500-1000 ml/ha	45
	difenoconazole*	FRAC 3	Scope 250 EC	L7942	Villa Crop Protection (Pty) Ltd	250 g/L	13 ml/100L	45
Alternaria leaf spot	azoxystrobin	FRAC 11	Mycoblock 250 SC	L8591	Villa Crop Protection (Pty) Ltd	250 g/L	20 ml/100L	45
	azoxystrobin + difenoconazole*	FRAC 11 + FRAC 3	Dimension 325 SC	L10355	FarmAg International (Pty) Ltd	200 g/L + 125 g/L	500-1000 ml/ha	45
			Revert SC	L10830	Sharda International (Pty) Ltd	200 g/L + 125 g/L	500-1000 ml/ha	45
			Rendefed 325 SC	L11330	AECI Limited	200 g/L + 125 g/L	500-1000 ml/ha	45
			Obstructo Prime 325 SC	L11505	ICA International Chemicals (Pty) Ltd	200 g/L + 125 g/L	500-1000 ml/ha	45
	difenoconazole*	FRAC 3	Scope 250 EC	L7942	Villa Crop Protection (Pty) Ltd	250 g/L	13 ml/100L	45
	pyraclostrobin	FRAC 11	Cerato 250 EC	L9336	Universal Crop Protection (Pty) Ltd	250 g/L	20 ml/100L	45
Anthracnose	azoxystrobin + difenoconazole*	FRAC 11 + FRAC 3	Amistar Top	L7897	Syngenta South Africa (Pty) Ltd	200 g/L + 125 g/L	500-1000 ml/ha	45
			Dimension 325 SC	L10355	FarmAg International (Pty) Ltd	200 g/L + 125 g/L	500-1000 ml/ha	45
			Fortress Ultra	L10450	Meridian Agrochemical Company (Pty) Ltd	200 g/L + 125 g/L	500-1000 ml/ha	45
			Rendefed 325 SC	L11330	AECI Limited	200 g/L + 125 g/L	500-1000 ml/ha	45
			Obstructo Prime 325 SC	L11505	ICA International Chemicals (Pty) Ltd	200 g/L + 125 g/L	500-1000 ml/ha	45
	boscalid + pyraclostrobin	FRAC 7 + FRAC 11	Bellis	L7817	BASF South Africa (Pty) Ltd	252 g/kg + 128 g/kg	800 g/ha	14
			Prevent 380 WDG	L11353	Sharda International (Pty) Ltd	252 g/kg + 128 g/kg	800 g/ha	14
			Bostrin 380 WG	L11445	ICA International Chemicals (Pty) Ltd	252 g/kg + 128 g/kg	800 g/ha	14
Blossom blight	azoxystrobin + difenoconazole*	FRAC 11 + FRAC 3	Amistar Top	L7897	Syngenta South Africa (Pty) Ltd	200 g/L + 125 g/L	500-1000 ml/ha	45
			Dimension 325 SC	L10355	FarmAg International (Pty) Ltd	200 g/L + 125 g/L	500-1000 ml/ha	45
			Rendefed 325 SC	L11330	AECI Limited	200 g/L + 125 g/L	500-1000 ml/ha	45
			Obstructo Prime 325 SC	L11505	ICA International Chemicals (Pty) Ltd	200 g/L + 125 g/L	500-1000 ml/ha	45
	boscalid + pyraclostrobin	FRAC 7 + FRAC 11	Bellis	L7817	BASF South Africa (Pty) Ltd	252 g/kg + 128 g/kg	800 g/ha	14
			Prevent 380 WDG	L11353	Sharda International (Pty) Ltd	252 g/kg + 128 g/kg	800 g/ha	14
			Bostrin 380 WG	L11445	ICA International Chemicals (Pty) Ltd	252 g/kg + 128 g/kg	800 g/ha	14
	chlorothalonil*	FRAC M5	Bravo 720	L7005	Syngenta South Africa (Pty) Ltd	720 g/L	3.5 L/ha	120
			TalOnil 720	L8935	Enviro Biochem	720 g/L	3.5 L/ha	120
			Mission 720	L8432	Villa Crop Protection (Pty) Ltd	720 g/L	115 ml/100L	56
	difenoconazole*	FRAC 3	Scope 250 EC	L7942	Villa Crop Protection (Pty) Ltd	250 g/L	13 ml/100L	45
	pyraclostrobin	FRAC 11	Cerato 250 EC	L9336	Universal Crop Protection (Pty) Ltd	250 g/L	20 ml/100L	45
	dithianon	FRAC M9	Detect 400 SC	L9238	Universal Crop Protection (Pty) Ltd	400 g/L	60-80 ml/100L	45
Botrytis blight	chlorothalonil*	FRAC M5	Bravo 720	L7005	Syngenta South Africa (Pty) Ltd	720 g/L	3.5 L/ha	120
			TalOnil 720	L8935	Enviro Biochem	720 g/L	3.5 L/ha	120
			Mission 720	L8432	Villa Crop Protection (Pty) Ltd	720 g/L	115 ml/100L	56
	cyprodinil + fludioxonil	FRAC 9 + FRAC 12	Switch	L5926	Syngenta South Africa (Pty) Ltd	375 g/L + 250 g/L	800-950 g/ha	7
	<i>Trichoderma asperellum</i>	-	Real Trichoderma	L10775	Real IPM South Africa (Pty) Ltd	At least 1 x 10 ⁹ cfu/ml	200 ml/ha	N/A
	<i>Bacillus subtilis</i> Strain BS01	-	Real Bacillus	L11876	Real IPM South Africa (Pty) Ltd	At least 1 x 10 ¹⁰ cfu/ml	2-3 L/ha	N/A

Registered product list for Pecan nuts in South Africa

Update: 30 January 2026

Registrations against specific targets on pecan nuts obtained under Act 36 of 1947.

FUNGICIDES

Disease	Active ingredient	Group code	Trade name	Reg. no.	Company	Active quantity	Dosage	PHI
Botrytis fruit rot	cyprodinil	FRAC 9	Chorus	L5383	Syngenta South Africa (Pty) Ltd	500 g/kg	380-500 g/ha	7
Brown rot - Monilinia	chlorothalonil*	FRAC M5	Bravo 720	L7005	Syngenta South Africa (Pty) Ltd	720 g/L	3.5 L/ha	120
			TalOnil 720	L8935	Enviro Biochem	720 g/L	3.5 L/ha	120
Downy spot	azoxystrobin	FRAC 11	Mycoblock 250 SC	L8591	Villa Crop Protection (Pty) Ltd	250 g/L	20 ml/100L	45
	azoxystrobin + difenoconazole*	FRAC 11 + FRAC 3	Amistar Top	L7897	Syngenta South Africa (Pty) Ltd	200 g/L + 125 g/L	500-1000 ml/ha	45
			Dimension 325 SC	L10355	FarmAg International (Pty) Ltd	200 g/L + 125 g/L	500-1000 ml/ha	45
			Rendefed 325 SC	L11330	AECI Limited	200 g/L + 125 g/L	500-1000 ml/ha	45
			Azole 325 SC	L11240	Harvest Chemicals	200 g/L + 125 g/L	500-1000 ml/ha	45
			Obstructo Prime 325 SC	L11505	ICA International Chemicals (Pty) Ltd	200 g/L + 125 g/L	500-1000 ml/ha	45
	difenoconazole*	FRAC 3	Scope 250 EC	L7942	Villa Crop Protection (Pty) Ltd	250 g/L	13 ml/100L	45
	pyraclostrobin	FRAC 11	Cerato 250 EC	L9336	Universal Crop Protection (Pty) Ltd	250 g/L	20 ml/100L	45
Eastern filbert blight	chlorothalonil	FRAC M5	Bravo 720	L7005	Syngenta South Africa (Pty) Ltd	720 g/L	3.5 L/ha	120
			TalOnil 720	L8935	Enviro Biochem	720 g/L	3.5 L/ha	120
			Mission 720	L8432	Villa Crop Protection (Pty) Ltd	720 g/L	115 ml/100L	56
Husk rot	azoxystrobin	FRAC 11	Mycoblock 250 SC	L8591	Villa Crop Protection (Pty) Ltd	250 g/L	20 ml/100L	45
	boscalid + pyraclostrobin	FRAC 7 + FRAC 11	Bellis	L7817	BASF South Africa (Pty) Ltd	252 g/kg + 128 g/kg	800 g/ha	14
			Prevent 380 WDG	L11353	Sharda International (Pty) Ltd	252 g/kg + 128 g/kg	800 g/ha	14
			Bostrin 380 WG	L11445	ICA International Chemicals (Pty) Ltd	252 g/kg + 128 g/kg	800 g/ha	14
	chlorothalonil	FRAC M5	Mission 720	L8432	Villa Crop Protection (Pty) Ltd	720 g/L	115 ml/100L	56
	difenoconazole*	FRAC 3	Scope 250 EC	L7942	Villa Crop Protection (Pty) Ltd	250 g/L	13 ml/100L	45
	pyraclostrobin	FRAC 11	Cerato 250 EC	L9336	Universal Crop Protection (Pty) Ltd	250 g/L	20 ml/100L	45
	dithianon	FRAC M9	Detect 400 SC	L9238	Universal Crop Protection (Pty) Ltd	400 g/L	60-80 ml/100L	45
Husk spot	boscalid + pyraclostrobin	FRAC 7 + FRAC 11	Bellis	L7817	BASF South Africa (Pty) Ltd	252 g/kg + 128 g/kg	800 g/ha	14
			Prevent 380 WDG	L11353	Sharda International (Pty) Ltd	252 g/kg + 128 g/kg	800 g/ha	14
			Bostrin 380 WG	L11445	ICA International Chemicals (Pty) Ltd	252 g/kg + 128 g/kg	800 g/ha	14
	difenoconazole*	FRAC 3	Score	L5132	Syngenta South Africa (Pty) Ltd	250 g/L	50 ml/100L	45
Late blight	azoxystrobin + difenoconazole*	FRAC 11 + FRAC 3	Amistar Top	L7897	Syngenta South Africa (Pty) Ltd	200 g/L + 125 g/L	500-1000 ml/ha	45
Leaf rust	azoxystrobin	FRAC 11	Mycoblock 250 SC	L8591	Villa Crop Protection (Pty) Ltd	250 g/L	20 ml/100L	45
	azoxystrobin + difenoconazole*	FRAC 11 + FRAC 3	Amistar Top	L7897	Syngenta South Africa (Pty) Ltd	200 g/L + 125 g/L	500-1000 ml/ha	45
			Dimension 325 SC	L10355	FarmAg International (Pty) Ltd	200 g/L + 125 g/L	500-1000 ml/ha	45
			Rendefed 325 SC	L11330	AECI Limited	200 g/L + 125 g/L	500-1000 ml/ha	45
			Obstructo Prime 325 SC	L11505	ICA International Chemicals (Pty) Ltd	200 g/L + 125 g/L	500-1000 ml/ha	45
	pyraclostrobin	FRAC 11	Cerato 250 EC	L9336	Universal Crop Protection (Pty) Ltd	250 g/L	20 ml/100L	45
Leaf spot	azoxystrobin + difenoconazole*	FRAC 11 + FRAC 3	Amistar Top	L7897	Syngenta South Africa (Pty) Ltd	200 g/L + 125 g/L	500-1000 ml/ha	45
			Dimension 325 SC	L10355	FarmAg International (Pty) Ltd	200 g/L + 125 g/L	500-1000 ml/ha	45
			Rendefed 325 SC	L11330	AECI Limited	200 g/L + 125 g/L	500-1000 ml/ha	45
			Obstructo Prime 325 SC	L11505	ICA International Chemicals (Pty) Ltd	200 g/L + 125 g/L	500-1000 ml/ha	45
Panicle and shoot blight	azoxystrobin	FRAC 11	Mycoblock 250 SC	L8591	Villa Crop Protection (Pty) Ltd	250 g/L	20 ml/100L	45
	azoxystrobin + difenoconazole*	FRAC 11 + FRAC 3	Amistar Top	L7897	Syngenta South Africa (Pty) Ltd	200 g/L + 125 g/L	500-1000 ml/ha	45
			Dimension 325 SC	L10355	FarmAg International (Pty) Ltd	200 g/L + 125 g/L	500-1000 ml/ha	45
			Rendefed 325 SC	L11330	AECI Limited	200 g/L + 125 g/L	500-1000 ml/ha	45
			Obstructo Prime 325 SC	L11505	ICA International Chemicals (Pty) Ltd	200 g/L + 125 g/L	500-1000 ml/ha	45
	pyraclostrobin	FRAC 11	Cerato 250 EC	L9336	Universal Crop Protection (Pty) Ltd	250 g/L	20 ml/100L	45



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Registrations against specific targets on pecan nuts obtained under Act 36 of 1947.

FUNGICIDES

Disease	Active ingredient	Group code	Trade name	Reg. no.	Company	Active quantity	Dosage	PHI
Phytophthora	mefenoxam (phenylamide)	FRAC 4	RidomilGold 480 SL	L8962	Syngenta South Africa (Pty) Ltd	480 g/L	4.7 L/ha or 48 ml/100 m ²	30
Powdery mildew	azoxystrobin	FRAC 11	Mycoblock 250 SC	L8591	Villa Crop Protection (Pty) Ltd	250 g/L	20 ml/100L	45
	azoxystrobin + difenoconazole*	FRAC 11 + FRAC 3	Amistar Top	L7897	Syngenta South Africa (Pty) Ltd	200 g/L + 125 g/L	500-1000 ml/ha	45
			Dimension 325 SC	L10355	FarmAg International (Pty) Ltd	200 g/L + 125 g/L	500-1000 ml/ha	45
			Rendefed 325 SC	L11330	AECI Limited	200 g/L + 125 g/L	500-1000 ml/ha	45
			Azole 325 SC	L11240	Harvest Chemicals	200 g/L + 125 g/L	500-1000 ml/ha	45
			Obstructo Prime 325 SC	L11505	ICA International Chemicals (Pty) Ltd	200 g/L + 125 g/L	500-1000 ml/ha	45
	pyraclostrobin	FRAC 11	Cerato 250 EC	L9336	Universal Crop Protection (Pty) Ltd	250 g/L	20 ml/100L	45
Root diseases	<i>Trichoderma asperellum</i>	-	Eco-T	L6938	Andermatt Madumbi (Pty) Ltd	2 x 10 ⁹ spores/g	250 g/ha	N/A
Root support	<i>Glomus iracanicum</i> var. <i>tenuihypharum</i> var. <i>nova</i>	Fertiliser Group III	MycUp Activ	M10	Madumbi Sustainable Agriculture (Pty) Ltd	min. 1.2 x 10 ⁴ spores/g	2-3 kg/ha	N/A
Scab	azoxystrobin	FRAC 11	Mycoblock 250 SC	L8591	Villa Crop Protection (Pty) Ltd	250 g/L	20 ml/100L	45
	azoxystrobin + difenoconazole*	FRAC 11 + FRAC 3	Amistar Top	L7897	Syngenta South Africa (Pty) Ltd	200 g/L + 125 g/L	500-1000 ml/ha	45
			Dimension 325 SC	L10355	FarmAg International (Pty) Ltd	200 g/L + 125 g/L	500-1000 ml/ha	45
			Rendefed 325 SC	L11330	AECI Limited	200 g/L + 125 g/L	500-1000 ml/ha	45
			Azole 325 SC	L11240	Harvest Chemicals	200 g/L + 125 g/L	500-1000 ml/ha	45
			Obstructo Prime 325 SC	L11505	ICA International Chemicals (Pty) Ltd	200 g/L + 125 g/L	500-1000 ml/ha	45
	chlorothalonil*	FRAC M5	Bravo 720	L7005	Syngenta South Africa (Pty) Ltd	720 g/L	3.5 L/ha	120
			TalOnil 720	L8935	Enviro Biochem	720 g/L	3.5 L/ha	120
			Mission 720	L8432	Villa Crop Protection (Pty) Ltd	720 g/L	115 ml/100L	56
	difenoconazole*	FRAC 3	Scope 250 EC	L7942	Villa Crop Protection (Pty) Ltd	250 g/L	13 ml/100L	45
	fentin hydroxide	FRAC 30	Ag-Tin	L9493	Rolfes Agri (Pty) Ltd	480 g/L	50 ml/100L	N/A
	propiconazole*	FRAC 3	Bumper 250 EC	L6034	Adama South Africa (Pty) Ltd	250 g/L	50 ml/100L	90
			Propizole 250 EC	L7561	Villa Crop Protection (Pty) Ltd	250 g/L	50 ml/100L	90
			Tilt	L6668	Syngenta South Africa (Pty) Ltd	250 g/L	50 ml/100L	90
			Principle 250 EC	L10533	ICA International Chemicals (Pty) Ltd	250 g/L	50 ml/100L	90
			Propiconazole 250 EC	L7306	Villa Crop Protection (Pty) Ltd	250 g/L	50 ml/100L	90
	potassium bicarbonate	FRAC NC	Agri-Cure SP	L8549	MBFi	850 g/kg	300-500 g/100L + 100 ml/100L Twister	N/A
			Carbonate 850 WP	L11720	AECI Limited	850 g/kg	300-500 g/100L	N/A
	pyraclostrobin	FRAC 11	Cerato 250 EC	L9336	Universal Crop Protection (Pty) Ltd	250 g/L	20 ml/100L	45
Septoria leaf spot	chlorothalonil*	FRAC M5	Bravo 720	L7005	Syngenta South Africa (Pty) Ltd	720 g/L	3.5 L/ha	120
			TalOnil 720	L8935	Enviro Biochem	720 g/L	3.5 L/ha	120
			Mission 720	L8432	Villa Crop Protection (Pty) Ltd	720 g/L	115 ml/100L	56
Shot-hole	chlorothalonil*	FRAC M5	Bravo 720	L7005	Syngenta South Africa (Pty) Ltd	720 g/L	3.5 L/ha	120
			TalOnil 720	L8935	Enviro Biochem	720 g/L	3.5 L/ha	120
			Mission 720	L8432	Villa Crop Protection (Pty) Ltd	720 g/L	115 ml/100L	56
Stone fruit rust	chlorothalonil*	FRAC M5	Bravo 720	L7005	Syngenta South Africa (Pty) Ltd	720 g/L	3.5 L/ha	120
			TalOnil 720	L8935	Enviro Biochem	720 g/L	3.5 L/ha	120
			Mission 720	L8432	Villa Crop Protection (Pty) Ltd	720 g/L	115 ml/100L	56

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*Highly Hazardous Pesticide (HHP)

Restricted use agricultural remedy (bold red text).



Registered product list for Pecan nuts in South Africa

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Registrations against specific targets on pecan nuts obtained under Act 36 of 1947.

ADJUVANTS

Group	Active ingredient	Trade name	Reg. no.	Company	Active quantity
Adjuvants	alcohol ethoxylate	Maxi-Wet	L11190	Introlab	900 g/L
	alcohol ethoxylate + glycol ether + fatty acids	Aqua-Wet	L6204	Rolfes Agri (Pty) Ltd	900 g/L
	alkylated alcohol ethoxylate	Wetta	L8337	Nutrico SA	961 g/L
	ammonium sulphate	AMS-Super	L9758	Villa Crop Protection (Pty) Ltd	500 g/L
		Class Act NG	L10477	Villa Crop Protection (Pty) Ltd	480 g/L
		Velocity Drymax	L9454	Villa Crop Protection (Pty) Ltd	1000 g/kg
		AMS-Granule	L9610	Villa Crop Protection (Pty) Ltd	1000 g/kg
		Glyphosist	L11028	Introlab	500 g/L
		AMSure	L11265	AgriTechnovation	403 g/L
		ARD	L9129	Nutrico SA	1000 g/kg
		All Round	L8293	Nutrico SA	403 g/L
		Herbibooost	L9053	Nutrico SA	403 g/L
	buffering agents + wetting agents	Stay@5	L11266	AgriTechnovation	476 + 246 g/kg
	buffering system + alkyl polyglucoside	Aqua-Right 7	L6895	Rolfes Agri (Pty) Ltd	381 + 86 g/L
	buffering system + wetting agent	Aqua-Right 5	L6205	Rolfes Agri (Pty) Ltd	820 + 56 g/L
	isotridecanol	Villa 51	L8050	Villa Crop Protection (Pty) Ltd	918 g/L
	mixed organic acid buffer system + alcohol ethoxylate surfactant	Aquabuff Plus	L9210	Villa Crop Protection (Pty) Ltd	585 g/L
	modified vegetable oil + other ingredients	MasterLock	L10496	Villa Crop Protection (Pty) Ltd	889 g/L
	nitrogen solution	Benefit Plus	L8538	Villa Crop Protection (Pty) Ltd	929 g/L
	orange oil	Wetcit Duo	L10448	Rovensa Next	50 g/L
		Orosorb Duo	L10462	Rovensa Next	50 g/L
	organic acid	Aqua Correct	L9547	Nutrico SA	440 g/L
	organic acid + alkali	Aquabuff	L5451	Villa Crop Protection (Pty) Ltd	660 g/L
	organic acid + wetting agents	Aquatic Buf 5	L8836	Nutrico SA	363 g/L + 121 g/L
		Aquatic Buf 7	L11755	Nutrico SA	202 g/L + 111 g/L
	organic acid buffer	pHerfect	L11644	AgriTechnovation	440 g/L
		Acidifix	L8332	Nutrico SA	440 g/L
		Aquatic pH	L11642	Nutrico SA	440 g/L
		Aquatic Buf 3	L11561	Nutrico SA	570 g/L
		Hydrobuff	L8428	Nutrico SA	363 g/L
	organic buffer system + alcohol ethoxylate	Kynobuff	L4246	AECI Limited	493.6 g/L
		Aquatech 5	L11036	Introlab	440.8 g/L
	phosphatidylcholine + methylacetic acid + alkyl polyoxyethylene ether	LI 700	L6550	AECI Limited	800 g/L
	phosphoric acid + ethoxylated phosphate ester + methyl red (pH indicator)	Bladbuff 7	L8121	AECI Limited	353 g/L + 169 g/L + 0.8 g/L
	polydimethylsiloxane	Busta Bubble	L11237	Nutrico SA	198 g/L
	polyether modified trisiloxane	Silicote	L9079	Nutrico SA	1000 g/kg
		Saturate	L11267	AgriTechnovation	1000 g/kg
	polyether-polymethylsiloxane-copolymer	Charge	L9100	Villa Crop Protection (Pty) Ltd	1000 g/L
		Supawett	L7202	Rolfes Agri (Pty) Ltd	1000 g/L
		Techniwet Super	L9239	Farmkem Speciality Products (Pty) Ltd	1000 g/L
	polysorbate 80	Biodew	L8120	AECI Limited	607 g/L
	saponified fatty acids + tocopherols + wetters + spreaders	TRANSFER'IN	L10514	AgriTechnovation	629 g/kg
	saponified fatty acids + wetters + spreaders	Absorpt	L9550	Nutrico SA	161 g/kg + 302 g/kg
	synthetic latex + alcohol ethoxylate	Bond	L6756	AECI Limited	450 g/L + 100 g/L
	terpenic polymer	Sprayfilm 10	L7120	UPL Corporation Limited	902.4 g/L
		Maxi-Stic	L11030	Introlab	902.4 g/L
	wetting agents + spreading agents	Aphidew	L9187	Nutrico SA	161 + 302 g/kg

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Registrations against specific targets on pecan nuts obtained under Act 36 of 1947.

HERBICIDES

Group code	Active ingredient	Trade name	Reg. no.	Company	Active quantity
HRAC A	cycloxydim	Focus Ultra	L4319	BASF South Africa (Pty) Ltd	100 g/L
	fluazifop-P-butyl	Fusilade Forte	L7304	Syngenta South Africa (Pty) Ltd	150 g/L
HRAC C2	diuron	Diurex 800 SC	L5334	Adama South Africa (Pty) Ltd	800 g/L
		Diuron 800 SC (L6236)	L6236	UPL Corporation Limited	800 g/L
		Diuron 800 SC (L7042)	L7042	UPL Corporation Limited	800 g/L
		Diuron 800 WG	L7040	UPL Corporation Limited	800 g/L
		Dynamo 800 SC	L9619	Sharda International (Pty) Ltd	800 g/L
		FarmAg Diuron 800 SC	L5663	FarmAg International (Pty) Ltd	800 g/L
		FarmAg Diuron 800 WG	L8981	FarmAg International (Pty) Ltd	800 g/kg
		Farmex	L8749	UPL Corporation Limited	800 g/kg
		Nufarm Diuron 900 WG	L5365	Nufarm Agriculture (Pty) Ltd	900 g/kg
HRAC D	paraquat*	Agriquat 200 SL	L6297	AECI Limited	200 g/L
		Agroquat 200 SL	L4871	AECI Limited	200 g/L
		Avi-Paraquat	L4461	Avima (Pty) Ltd	200 g/L
		Castle Paraquat 200	L4167	Castle Ag-Chem (Pty) Ltd	200 g/L
		Harpoon 200 SL	L9309	FarmAg International (Pty) Ltd	200 g/L
		Paraquat SL	L2215	UPL Corporation Limited	200 g/L
		Scorcher	L9085	Meridian Agrochemical Company (Pty) Ltd	200 g/L
		Sharda Paraquat 200 SL	L9432	Sharda International (Pty) Ltd	200 g/L
		Skoffel 200 Super	L6328	Villa Crop Protection (Pty) Ltd	200 g/L
		FarmAg Paraquat 200	L9059	FarmAg International (Pty) Ltd	200 g/L
		Adama Quat	L11052	Adama South Africa (Pty) Ltd	200 g/L
		Enviro Paraquat	L11172	Enviro Biochem	200 g/L
		Paragone 200 SL	L4588	AECI Limited	200 g/L
		Chesa 200 SL	L11048	AECI Limited	200 g/L
	paraquat* + diquat	Parody 200 SL	L8398	UPL Corporation Limited	80 g/L + 120 g/L
HRAC E	carfentrazone-ethyl	Aurora 40 WG	L6794	FMC Corporation	400 g/kg
		Torus	L10709	Meridian Agrochemical Company (Pty) Ltd	240 g/L
	carfentrazone	Grainwatch 400 WDG	L10719	Universal Crop Protection (Pty) Ltd	400 g/kg
HRAC G	glyphosate	Bounty SL	L7268	Meridian Agrochemical Company (Pty) Ltd	360 g/L
		Enviro Glyphosate 360	L4767	Enviro Biochem	360 g/L
		Erase 360 SL	L6206	AECI Limited	360 g/L
		Glygran 710 SG	L8449	Villa Crop Protection (Pty) Ltd	710 g/kg
		Glynex 540 SL	L10937	AECI Limited	540 g/L
		Kalach 510 SL	L8311	UPL Corporation Limited	510 g/L
		Kalach 700 WSG	L8312	UPL Corporation Limited	700 g/kg
		Makhro Glyphosate 360 SL	L7969	Makhro-Agro SA (Pty) Ltd	360 g/L
		Piranha 510 SL	L9314	FarmAg International (Pty) Ltd	680 g/kg
		Piranha Dry	L9593	FarmAg International (Pty) Ltd	686 g/kg
		Pirhana 360 SL	L8877	FarmAg International (Pty) Ltd	360 g/L
		Rondo 757 SG	L9490	DVA Chemicals South Africa (Pty) Ltd	757 g/kg
		Roundup	L0407	Monsanto South Africa (Pty) Ltd	360 g/L
		Roundup Turbo	L7166	Monsanto South Africa (Pty) Ltd	450 g/L
		Seismic	L7016	UPL Corporation Limited	480 g/L
		Sharda Glyphosate 360 SL	L8901	Sharda International (Pty) Ltd	360 g/L
		Silvimax	L9851	FarmAg International (Pty) Ltd	686 g/kg
		Silvinator	L9850	FarmAg International (Pty) Ltd	510 g/L
		Slash 710 SG	L8450	Villa Crop Protection (Pty) Ltd	710 g/kg
		Springbok 360 SL	L6719	UPL Corporation Limited	360 g/L
		Touchdown Forte HiTech	L7305	Syngenta South Africa (Pty) Ltd	500 g/L
		TumbleWeed	L4781	Enviro Biochem	240 g/L
		Piranha 360 SL	L8877	FarmAg International (Pty) Ltd	360 g/L
HRAC G9	glyphosate + ammonium salt	Flatdown	L10737	UPL Corporation Limited	540 g/L + 662 g/L
	glyphosate + isopropylamine salt	Glyphosate 360 SL	L9048	UPL Corporation Limited	360 g/L + 480 g/L
HRAC L29	indaziflam	Alion	L10791	Bayer (Pty) Ltd	500 g/L
HRAC H2	flazasulfuron (sulfonyl urea)	Chikara	L5628	ISK Biosciences Europe N.V.	250 g/kg



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HERBICIDES

Group code	Active ingredient	Trade name	Reg. no.	Company	Active quantity
HRAC 3	trifluralin	Nufarm Trifluralin 480 EC	L5414	Nufarm Agriculture (Pty) Ltd	480 g/L
		Trifluralin 480 EC	L4555	Villa Crop Protection (Pty) Ltd	480 g/L
		Triflurex 480 EC	L5350	Adama South Africa (Pty) Ltd	480 g/L
		Sharda Trif 480 EC	L10885	Sharda International (Pty) Ltd	480 g/L
		Trifluralin 480 EC (L7970)	L7970	UPL Corporation Limited	480 g/L
Group 15	s-metolachlor	Pentium 960 EC	L9830	Universal Crop Protection (Pty) Ltd	960 g/L
	s-metolachlor + benoxacor	Palladium Plus 915 EC	L9359	Villa Crop Protection (Pty) Ltd	915 g/L + 30.5 g/L

Note: Not all listed targets cause problems in pecan nut orchards.

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NEMATICIDES & PLANT GROWTH REGULATORS

Group	Active ingredient	Trade name	Reg. no.	Company	Active quantity
Nematicides	fenamiphos	Nemacur 100 GR	L2056	Villa Crop Protection (Pty) Ltd	100 g/kg
	furfural	Crop Guard	L6864	Illovo Sugar Ltd	900 g/L
Plant growth regulators	paclobutrazol	Avocet	L7368	Villa Crop Protection (Pty) Ltd	250 G/L
		Cultar	L3693	Syngenta South Africa (Pty) Ltd	250 G/L

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Maximum Residue Limit (MRL in mg/kg) summary for registered active ingredients on pecan nuts in South Africa



Active ingredients listed are registered under Act 36 of 1947 for use on pecan nuts in South Africa against specific targets.

Active ingredient	South Africa	Canada	China	Codex	Europe	South Korea	USA
(e)-8-dodecenyl acetate	-	0.1	-	-	0.01	-	-
(z)-8-dodecenyl acetate	-	0.1	-	-	0.01	-	-
abamectin	-	0.01	-	0.005	0.01	0.01	0.01
acephate	0.02	0.1	-	-	0.02	0.1	0.02
acetamiprid	0.1	0.1	0.06	0.06	0.07	0.06	0.1
alpha-cypermethrin	-	0.05	-	0.05	0.05	-	0.05
azoxystrobin	0.01	0.02	0.01	0.01	0.01	0.01	0.02
<i>Bacillus thuringiensis</i> kurstaki (strain sb4)	-	-	-	-	-	-	-
<i>Beauveria bassiana</i>	-	0.1	-	-	-	-	-
beta-cyfluthrin	-	0.1	-	-	0.01	0.01	0.01
bifenthrin	0.05	0.1	0.05	0.05	0.05	0.05	0.05
boscalid	1	0.7	0.05	0.05	0.05	0.05	0.7
carbaryl	-	1	-	1	0.02	0.5	0.1
carfentrazone-ethyl	-	0.1	-	-	0.05	-	0.1
chlorantraniliprole	0.1	0.02	0.02	0.02	0.03	0.02	0.02
chlorothalonil	0.01	0.1	-	-	0.01	0.01	-
chlorpyrifos	-	0.1	-	0.05	0.01	0.05	0.2
cycloxydim	-	0.1	-	-	0.09	-	-
cyprodinil	1	0.1	-	0.04	0.04	0.01	0.04
difenoconazole	0.01	0.03	0.03	0.03	0.05	0.01	0.03
diquat	-	0.1	-	-	0.02	0.01	0.02
diuron	-	0.1	-	-	0.01	0.1	0.05
e/z-8-dodecenol	-	0.1	-	-	-	-	-
emamectin benzoate	0.01	0.1	-	0.001	0.005	0.01	0.02
fenamiphos	0.05	0.1	-	-	0.01	0.01	-
fentin hydroxide	-	0.1	-	-	0.05	-	0.05
fluazifop-p-butyl	0.05	0.05	0.01	0.01	0.01	-	0.05
fludioxonil	0.5	0.1	-	0.3	0.01	0.01	0.01
furfural (aldehyde)	-	0.1	-	-	1	-	-
<i>Glomus iranicum</i> var. <i>tenuihypharum</i>	-	-	-	-	-	-	-
glufosinate-ammonium	-	0.5	0.01	0.1	0.1	0.1	0.5
glyphosate	-	0.1	-	-	0.1	1	1
<i>Helicoverpa armigera</i> nucleopolyhedrovirus	-	0.1	-	-	-	-	-
imidacloprid	-	0.05	0.01	0.01	0.01	0.01	0.05
indaziflam	0.01	0.01	-	-	0.01	0.01	0.01
indoxacarb	-	0.1	-	0.07	0.01	0.01	0.08
lambda-cyhalothrin	0.1	0.05	0.01	0.01	0.01	0.5	0.05
<i>Metarhizium anisopliae</i>	-	0.01	-	-	0.01	-	-

Maximum Residue Limit (MRL in mg/kg) summary for registered active ingredients on pecan nuts in South Africa



Active ingredients listed are registered under Act 36 of 1947 for use on pecan nuts in South Africa against specific targets.

Active ingredient	South Africa	Canada	China	Codex	Europe	South Korea	USA
methoxyfenozide	3	0.1	-	0.1	0.1	0.09	0.1
nickel	-	-	-	-	3.75	-	-
novaluron	0.01	0.1	-	-	0.01	0.01	0.08
paclobutrazol	0.05	0.1	-	-	0.01	0.01	-
paraquat	-	0.1	0.05	0.05	0.02	0.01	0.05
phosphorous acid	-	0.1	-	400	400	-	-
pirimicarb	0.05	0.1	-	-	0.02	0.05	-
polyether-polymethylsiloxane-copolymer	-	0.1	-	-	-	-	-
potassium bicarbonate	-	-	-	-	-	-	-
potassium phosphonate	400	0.1	-	400	400	-	-
propiconazole	0.05	0.1	0.02	0.02	0.01	0.05	0.1
pymetrozine	0.02	0.02	-	-	0.02	0.01	0.02
pyraclostrobin	0.02	0.04	-	0.02	0.02	0.02	0.04
spinetoram	0.01	0.02	-	0.01	0.02	0.01	0.1
sterilised <i>Thaumatotibia leucotreta</i>	-	-	-	-	-	-	-
sulfoxaflor	0.02	0.015	-	0.03	0.02	0.02	0.015
terpenic polymer	-	0.1	-	-	-	-	-
<i>Thaumatotibia leucotreta</i> granulovirus	-	0.1	-	-	0.01	-	-
thiamethoxam	-	0.02	0.02	0.01	0.01	0.01	0.02
<i>Trichoderma asperellum</i>	-	-	-	-	-	-	-
trifluralin	-	0.1	-	-	0.01	0.05	0.05

Disclaimer: The provider cannot accept any responsibility for losses relevant to these lists.