

MRL AND PHI SUMMARY

This summary report aims to provide a quick overview of the MRLs, PHIs and market requirements for specific active ingredients registered against specific targets on macadamia in South Africa.



Crop Type Macadamia nuts.
Report Date 2022-06-07 07:24 from AgriIntel, China, South Korea & Japan added and list modified for easy reference.

Active Ingredient	Tradename	Target(s) as on label	SA PHI	SA MRL	China MRL	Japan MRL	South Korea MRL	USA MRL	Canada MRL	EU & GB MRL	Codex MRL	EU Acute reference dose	EU Approval Status	Comments
abamectin [syn. avermectin]	Agrimec Gold	Mites - European red mite, Mites - Red spider mite	14	-	-	0.01	0.01	0.01	0.01	0.01	0.005	0.005	Approved	EU Approval Expiration: 30/04/2023 USA MRL: As avermectin B1 and its delta-8,9-isomer. Tolerances are established for residues of abamectin, including its metabolites and degradates. Russia MRL: No MRL indicated. Refer to Codex MRL. If no Codex MRL, use the MRL for SA.
acephate	Ace 750 SP	Stinkbug - Stinkbug complex, Stinkbug - Two-spotted stinkbug	35	-	-	-	0.1	0.05	0.1	0.02	-	-	Not Approved	USA MRL: A tolerance with a regional registration is established for residues of acephate including its metabolites and degradates other than methamidophos. Compliance with the tolerance level is to be determined by measuring only acephate in or on the commodity. Russia MRL: No MRL indicated. Refer to Codex MRL. If no Codex MRL, use the MRL for SA. Canada MRL: Default MRL of 0.1 mg/kg.
	Acephate 750 SP (L7181)													
	Orthene 75 SP	Macadamia nut borer												
acetamiprid	Aceta Star 46 EC	False codling moth	28	0.1	0.06	0.1	0.06	0.1	0.1	0.07	0.06	0.025	Approved	EU Approval Expiration: 28/02/2033 SA MRL: Proposed MRL. USA MRL: Tolerances are established for residues of the insecticide acetamiprid, including its metabolites and degradates, as a result of the application of acetamiprid. Compliance with the tolerance levels specified below is to be determined by measuring only acetamiprid in or on the commodity. Russia MRL: As acetamipride. No MRL indicated. Refer to Codex MRL. If no Codex MRL, use the MRL for SA.
	Cormoran 180 EC		84											
	Allice 20 SP	Macadamia nut borer	50											
	Wonderland 200 SP													
alpha-cypermethrin	Ag-Alpha Cyper 100 SC	Stinkbug	30	0.05	-	0.01	-	0.05	0.05	0.05	0.05	0.00125	Not Approved	SA MRL: As alpha-cypermethrin (alpha-cypermethrin sum of isomers). USA MRL: Tolerances are established for residues of the insecticide, alpha-cypermethrin including its metabolites and degradates. Compliance with the tolerance levels is to be determined by measuring only total cypermethrin. Russia MRL: No MRL indicated. Refer to Codex MRL. If no Codex MRL, use the MRL for SA. Codex MRL: As cypermethrins (including alpha- and zeta- cypermethrin): cypermethrin (sum of isomers). Canada MRL: As cypermethrin. Macadamia nuts.
	Alpha-thrin 100 SC													
	Avalanche													
	Ichiban 100 EW													
	Polytrin Super 100 SC													
	Fastac EC													
	Fastac SC	Bollworm - African (American) bollworm, Stinkbug, Weevils - Banded fruit weevil												
azoxystrobin	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	0.01	1	0.01	0.02	0.02	0.01	0.01	-	Approved	EU ARFD: Not applicable EU Approval Expiration: 31/12/2024 USA MRL: Tolerances are established for residues of the fungicide, azoxystrobin, including its metabolites and degradates. Nut, tree, except pistachio. Russia MRL: Tree nuts (except pistachios).
	Dimension 325 SC	Alternaria leaf spot, Anthracnose, Blossom blight, Downy spot, Late blight, Leaf spot, Panicle and shoot blight, Powdery mildew, Rust - Leaf rust, Scab - Pecan scab												
<i>Beauveria bassiana</i>	Broadband	False codling moth, Stinkbug	-	-	-	-	-	-	0.1	-	-	-	-	EU Approval Expiration: <i>Beauveria bassiana</i> 203: Approved: 18/04/2032. <i>Beauveria bassiana</i> IMI389521: Approved: 19/02/2029. PPRI 5339: Approved: 20/02/2029. Strain 147: Approved: 06/06/2027. Strain NPP111B005: Approved: 07/06/2027. Strain ATCC 74040: Approved: 30/04/2023. Strain GHA: Approved: 30/04/2023. <i>Beauveria bassiana</i> strain BB1: Not approved. SA PHI: No withholding period applicable. Apply as instructed on the label. EU MRL: As <i>Beauveria bassiana</i> strains 147; BB1; 203; NPP111B005; IMI389521: Default MRL of 0.01 mg/kg. As <i>Beauveria bassiana</i> (PPRI 5339; strain ATCC 74040; strain GHA): No MRL required. GB MRL: As <i>Beauveria bassiana</i> strains 147; BB1; 203; NPP111B005; IMI389521: Default MRL of 0.01 mg/kg. As <i>Beauveria bassiana</i> (PPRI 5339; strain ATCC 74040; strain GHA): No MRL required. USA MRL: As <i>Beauveria bassiana</i> , ATCC #74040: Exempt from tolerance when applied or used as ground and aerial foliar sprays for use only on terrestrial crops. As <i>Beauveria bassiana</i> , strain ANT-03: Exempt from tolerance when applied as a microbial insecticide. As <i>Beauveria bassiana</i> HF23: exempt from the requirement of a tolerance on all food/feed commodities, when the pesticide is used for the treatment of chicken and livestock facilities, including the treatment of chicken and livestock manure. As <i>Beauveria bassiana</i> strain PPRI 5339: exempt from tolerance. Russia MRL: Not subject to tolerance. Canada MRL: Default MRL of 0.1 mg/kg.
	Eco-Bb	False codling moth												

Maximum residue limit (MRL in mg/kg) and pre-harvest interval (PHI in days).

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Report Date

Macadamia nuts.
2022-06-07 07:24 from AgriIntel, China, South Korea & Japan added and list modified for easy reference.



Active Ingredient	Tradename	Target(s) as on label	SA PHI	SA MRL	China MRL	Japan MRL	South Korea MRL	USA MRL	Canada MRL	EU & GB MRL	Codex MRL	EU Acute reference dose	EU Approval Status	Comments
beta-cyfluthrin	Bulldock Beta 125 SC	Stinkbug	14	0.02	-	0.04	0.01	0.01	0.1	0.02	-	0.01	Not Approved	EU MRL: As cyfluthrin (cyfluthrin including other mixtures of constituent isomers (sum of isomers)). GB MRL: As cyfluthrin (cyfluthrin including other mixtures of constituent isomers (sum of isomers)). USA MRL: Tolerances are established for residues of the isomer, beta-cyfluthrin [mixture comprising the enantiomeric pair (R)- α -cyano-4-fluoro-3-phenoxybenzyl (1S,3S)-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate and (S)- α -cyano-4-fluoro-3-phenoxybenzyl (1R,3R)-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate with the enantiomeric pair (R)- α -cyano-4-fluoro-3-phenoxybenzyl (1S,3R)-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate and (S)- α -cyano-4-fluoro-3-phenoxybenzyl (1R,3S)-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate]. Russia MRL: As beta-ciflutrine. No MRL indicated. Refer to Codex MRL. If no Codex MRL, use the MRL for SA. Canada MRL: Default MRL of 0.1 mg/kg.
beta-cypermethrin	Akito	Stinkbug	30	0.05	0.05	0.2	-	-	0.05	0.05	0.05	0.0016	Not Approved	SA MRL: As beta-cypermethrin (sum of isomers). Russia MRL: No MRL indicated. Refer to Codex MRL. If no Codex MRL, use the MRL for SA. Codex MRL: As cypermethrins (including alpha- and zeta- cypermethrin): cypermethrin (sum of isomers). Canada MRL: As cypermethrin. Macadamia nuts.
bifenthrin	Aceta Star 46 EC	False codling moth	28	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.03	Not Approved	SA MRL: Proposed MRL. USA MRL: Tolerances are established for residues of the insecticide bifenthrin, including its metabolites and degradates. Russia MRL: No MRL indicated. Refer to Codex MRL. If no Codex MRL, use the MRL for SA. Canada MRL: Default MRL of 0.1 mg/kg.
boscalid	Bellis	Anthrachnose, Blossom blight, Husk rot, Husk spot	14	1	0.05	1	0.05	0.7	0.7	0.05	0.05	-	Approved	EU ARfD: Not applicable EU Approval Expiration: 31/07/2022 USA MRL: Tolerances are established for residues of the fungicide boscalid, including its metabolites and degradates. Russia MRL: As Boskalide. Tree nuts (except pistachio and almond). Codex MRL: Tree nuts, except pistachio nuts.
canola oil	KangroShield 100	Ants, Aphids, Astylus beetle, Bollworm - African (American) bollworm, CMR beetle, Mites - Red spider mite, Thrips, Whitefly	-	-	-	-	-	-	0.1	-	-	-	Approved	EU ARfD: Not applicable EU Approval Expiration: 31/08/2022 SA PHI: Edible crops. 48 hours. EU MRL: As Plant oils - Rape seed oil. No MRL required. GB MRL: As Plant oils - Rape seed oil. No MRL required. Russia MRL: No MRL indicated. Refer to Codex MRL. If no Codex MRL, use the MRL for SA. Canada MRL: Default MRL of 0.1 mg/kg.
	Pygar 932	Ants, Aphids, Astylus beetle, CMR beetle, Mites - Red spider mite, Thrips, Whitefly	-	-	-	-	-	-	-	-	-	-		EU ARfD: Not applicable EU Approval Expiration: 31/08/2022 SA PHI: Edible crops: 24 hours. EU MRL: As Plant oils - Rape seed oil. No MRL required. GB MRL: As Plant oils - Rape seed oil. No MRL required. Russia MRL: No MRL indicated. Refer to Codex MRL. If no Codex MRL, use the MRL for SA. Canada MRL: Default MRL of 0.1 mg/kg.
carbaryl	Sevin XLR Plus	Bark borer, Stem borer	0	-	-	1	0.01	0.1	-	0.02	1	0.01	Not Approved	SA PHI: Stem application. USA MRL: Tolerances are established for residues of the insecticide carbaryl. Nut, tree, except walnut. Russia MRL: Canada MRL: Nuts (shelled): 1 mg/kg, Nuts (whole in shells): 10 mg/kg.

Maximum residue limit (MRL in mg/kg) and pre-harvest interval (PHI in days).

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Active Ingredient	Tradename	Target(s) as on label	SA PHI	SA MRL	China MRL	Japan MRL	South Korea MRL	USA MRL	Canada MRL	EU & GB MRL	Codex MRL	EU Acute reference dose	EU Approval Status	Comments
carfentrazone-ethyl [syn. carfentrazone]	Aurora 40 WG	Weeds - Broadleaf weeds	-	-	-	0.08	0.01	0.1	0.1	0.05	-	-	Approved	EU ARFD: Not applicable EU Approval Expiration: 31/07/2033 SA PHI: Apply as instructed on the label. No withholding period indicated on label. USA MRL: Tolerances are established for residues of the herbicide carfentrazone-ethyl, including its metabolites and degradates. Russia MRL: No MRL indicated. Refer to Codex MRL. If no Codex MRL, use the MRL for SA.
	Torus		120											EU ARFD: Not applicable EU Approval Expiration: 31/07/2033 USA MRL: Tolerances are established for residues of the herbicide carfentrazone-ethyl, including its metabolites and degradates. Russia MRL: No MRL indicated. Refer to Codex MRL. If no Codex MRL, use the MRL for SA.
	Grainwatch 400 WDG	Weeds - Broadleaf weeds, Weeds - Grass weeds	-											EU ARFD: Not applicable EU Approval Expiration: 31/07/2033 SA PHI: Apply as instructed on the label. No withholding period indicated on label. USA MRL: Tolerances are established for residues of the herbicide carfentrazone-ethyl, including its metabolites and degradates. Russia MRL: No MRL indicated. Refer to Codex MRL. If no Codex MRL, use the MRL for SA.
chlorantraniliprole	Altacor	False codling moth	10	0.1	0.02	0.02	0.02	0.02	0.02	0.05	0.02	-	Approved	EU ARFD: Not applicable EU Approval Expiration: 31/12/2024
	Coragen Ampligo	Bollworm - African (American) bollworm, Carob moth, Codling moth, False codling moth, Litchi moth, Stinkbug - Stinkbug complex	14											USA MRL: Tolerances are established for residues of the insecticide chlorantraniliprole, including its metabolites and degradates. Russia MRL: No MRL indicated. Refer to Codex MRL. If no Codex MRL, use the MRL for SA.
chlorothalonil	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	-	0.1	0.01	-	0.1	0.01	-	0.05	Not Approved	SA MRL: Proposed MRL. Russia MRL: No MRL indicated. Refer to Codex MRL. If no Codex MRL, use the MRL for SA. Canada MRL: Default MRL of 0.1 mg/kg.
chlorpyrifos	Cyberfos 500 EC	Stinkbug	83	0.01	-	0.2	0.05		0.1	0.01	-		Not Approved	EU ARFD: Not set due to insufficient data
	Lascar 500 EC	Stinkbug - Stinkbug complex, Stinkbug - Two-spotted stinkbug												USA MRL: All tolerances for chlorpyrifos expired and were revoked on 28 February 2022. Russia MRL: No MRL indicated. Refer to Codex MRL. If no Codex MRL, use the MRL for SA. Canada MRL: Default MRL of 0.1 mg/kg.
	Pyrinex 250 CS	Aphids - Cotton aphid, Stinkbug, Thrips												
clothianidin	Samurai 20SC	Coconut bug, Stinkbug - Two-spotted stinkbug, Stinkbug - Yellow edged stinkbug	56	0.01	-	0.02	0.01	0.01	0.1	0.01	-	0.1	Not Approved	SA MRL: Proposed MRL. USA MRL: Tolerances are established for residues of the insecticide clothianidin, including its metabolites and degradates. Russia MRL: No MRL indicated. Refer to Codex MRL. If no Codex MRL, use the MRL for SA. Canada MRL: Default MRL of 0.1 mg/kg.
cycloxydim	Focus Ultra	Weeds - Grass weeds	40	-		0.05	-	-	0.1	0.05	-	2	Approved	EU Approval Expiration: 31/05/2023 Russia MRL: No MRL indicated. Refer to Codex MRL. If no Codex MRL, use the MRL for SA. Canada MRL: Default MRL of 0.1 mg/kg.
cypermethrin	Avi-Sipermetrin EC	Stinkbug	90	0.05	0.05	0.2	0.05	-	0.05	0.05	0.05	0.005	Approved	EU Approval Expiration: 31/01/2029 SA MRL: As cypermethrin (sum of isomers). Russia MRL: No MRL indicated. Refer to Codex MRL. If no Codex MRL, use the MRL for SA. Codex MRL: As cypermethrins (including alpha- and zeta- cypermethrin): cypermethrin (sum of isomers).
	Bitrad Cypermethrin		30											
	Cyperin 200 EC													
	Cypermethrin													
	Cypermethrin 200 EC (L4069)													
	Cypermethrin 200 EC (L4644)													
	FarmAg Cypermethrin													
	Kemprin 200 EC													
	Polytrin 200 EC													
	Sipermetrin													
	Cyberfos 500 EC													
	Lascar 500 EC		Stinkbug - Stinkbug complex, Stinkbug - Two-spotted stinkbug	83										

Maximum residue limit (MRL in mg/kg) and pre-harvest interval (PHI in days).

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cyprodinil	Chorus	Alternaria, Botrytis, Fruit rot	7	1		0.1	0.01	0.04	0.1	0.04	0.04	-	Approved	EU ARFD: Not applicable EU Approval Expiration: 30/04/2022 USA MRL: Tolerances are established for residues of the fungicide cyprodinil, including its metabolites and degradates. Nut, tree, except almond and pistachio. Russia MRL: No MRL indicated. Refer to Codex MRL. If no Codex MRL, use the MRL for SA. Canada MRL: Default MRL of 0.1 mg/kg.
difenoconazole	Amistar Top	Anthraxnose, Blossom blight, Downy spot, Late blight, Leaf spot, Panicle and shoot blight, Powdery mildew, Rust - Leaf rust, Scab - Pecan scab	45	0.01	0.03	0.03	0.01	0.03	0.03	0.05	0.03	0.16	Approved	EU Approval Expiration: 31/12/2022 USA MRL: Tolerances are established for residues of difenoconazole, including its metabolites and degradates. Russia MRL: No MRL indicated. Refer to Codex MRL. If no Codex MRL, use the MRL for SA.
	Dimension 325 SC	Alternaria leaf spot, Anthracnose, Blossom blight, Downy spot, Late blight, Leaf spot, Panicle and shoot blight, Powdery mildew, Rust - Leaf rust, Scab - Pecan scab												
	Score	Husk spot												
diquat	Parody 200 SL	Weeds - Broadleaf weeds, Weeds - Grass weeds	7	-	-	0.03	0.01	0.02	0.1	-	-	0.01	Not Approved	SA PHI: Apply as instructed on the label. No withholding period indicated on label. USA MRL: Tolerances are established for residues of the herbicide diquat (calculated as the cation) derived from the application of the dibromide salt to ponds, lakes, reservoirs, marshes, drainage ditches, canals, streams, and rivers which are slow-moving or quiescent in programs of the Corp of Engineers or other Federal or State public agencies and to ponds, lakes and drainage ditches only where there is little or no outflow of water and which are totally under the control of the user. Russia MRL: As diquat (dibromide). No MRL indicated. Refer to Codex MRL. If no Codex MRL, use the MRL for SA. Canada MRL: Default MRL of 0.1 mg/kg.
	Preeglone	Weeds - Broadleaf weeds, Weeds - Grass weeds, Weeds - Sedges	-	-	-	-	-	-	-	-	-	-		
diuron	Develop 800 WDG	Weeds - Broadleaf weeds,	-	-	-	0.05	0.1	0.05	0.1	0.02	-	0.016	Not approved	SA PHI: Apply as instructed on the label. No withholding period indicated on label. USA MRL: Tolerances are established for the combined residues of the herbicide diuron and its metabolites convertible to 3,4-dichloroaniline. Russia MRL: All food products Canada MRL: Default MRL of 0.1 mg/kg.
	Dynamo 800 SC	Weeds - Grass weeds,												
	Extend 800 WDG	Weeds - Sedges												
	FarmAg Diuron 800 WG													
	Diurex 80 WG	Weeds - Broadleaf weeds,												
	Diurex 800 SC	Weeds - Grass weeds												
	Diuron 800 SC (L6236)													
	Diuron 800 SC (L7042)													
	Diuron 800 WG													
	FarmAg Diuron 800 SC													
	Farmex													
	Karmex DF (L7998)													
	Nufarm Diuron 900 WG													
(E)-7-dodecenyl acetate	Last Call F.C.M.	False codling moth	-	-	-	-	-	-	0.1	-	-	-	-	SA PHI: No withholding period applicable. Apply as instructed on the label. USA MRL: As Lepidopteran pheromones: exempt from tolerance. Lepidopteran pheromones that are naturally occurring compounds, or identical or substantially similar synthetic compounds, designated by an unbranched aliphatic chain (between 9 and 18 carbons) ending in an alcohol, aldehyde or acetate functional group and containing up to 3 double bonds in the aliphatic backbone, are exempt from the requirement of a tolerance in or on all raw agricultural commodities. This exemption only pertains to those situations when the pheromone is: Applied to growing crops at a rate not to exceed 150 grams active ingredient/acre/year in accordance with good agricultural practices; and applied as a post-harvest treatment to stored food commodities at a rate not to exceed 3.5 grams active ingredient/1,000 ft ² /year (equivalent to 150 grams active ingredient/acre/year) in accordance with good agricultural practices. Russia MRL: No MRL indicated. Refer to Codex MRL. If no Codex MRL, use the MRL for SA. Canada MRL: Default MRL of 0.1 mg/kg.

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(E)-8-dodecenyl acetate [syn. (E)-8-dodecen-1-yl acetate]	CheckMate FCM-F	False codling moth	-	-	-	-	-	-	0.1	0.01	-	-	Approved	EU Approval Expiration: 31/08/2022 SA PHI: No withholding period applicable. Apply as instructed on the label. EU MRL: As Straight Chain Lepidopteran Pheromones and (E)-8-Dodecen-1-yl acetate (synonym according to PAN Pesticides Database). Default MRL of 0.01 mg/kg. GB MRL: As Straight Chain Lepidopteran Pheromones and (E)-8-Dodecen-1-yl acetate (synonym according to PAN Pesticides Database). Default MRL of 0.01 mg/kg. USA MRL: As Isomate M. The oriental fruit moth pheromone (Isomate-M) (Z-8-dodecen-1-yl acetate, E-8-dodecen-1-yl acetate, Z-8-dodecen-1-ol) is exempt from the requirement of a tolerance in or on all the raw agricultural commodities (food and feed) including, peach; quince; nectarine; and nut, macadamia when used in orchards with encapsulated polyethylene tubing to control oriental fruit moth. As Lepidopteran pheromones: exempt from tolerance. Lepidopteran pheromones that are naturally occurring compounds, or identical or substantially similar synthetic compounds, designated by an unbranched aliphatic chain (between 9 and 18 carbons) ending in an alcohol, aldehyde or acetate functional group and containing up to 3 double bonds in the aliphatic backbone, are exempt from the requirement of a tolerance in or on all raw agricultural commodities. This exemption only pertains to those situations when the pheromone is: Applied to growing crops at a rate not to exceed 150 grams active ingredient/acre/year in accordance with good agricultural practices; and applied as a post-harvest treatment to stored food commodities at a rate not to exceed 3.5 grams active ingredient/1,000 ft ² /year (equivalent to 150 grams active ingredient/acre/year) in accordance with good agricultural practices. Russia MRL: No MRL indicated. Refer to Codex MRL. If no Codex MRL, use the MRL for SA. Canada MRL: Default MRL of 0.1 mg/kg.
	Isomate FCM													
	Last Call F.C.M.													
	RB SPLAT FCM													
	X-Mate F.C.M.													
emamectin benzoate	Conflict Granule	Macadamia nut borer	50	0.01	0.001	0.01	0.01	0.02	0.1	0.01	0.001	0.01	Approved	EU Approval Expiration: 30/11/2024 EU MRL: As emamectin benzoate B1a, expressed as emamectin. GB MRL: As emamectin benzoate B1a, expressed as emamectin. USA MRL: As emamectin. Tolerances are established for emamectin, including its metabolites and degradates. Russia MRL: No MRL indicated. Refer to Codex MRL. If no Codex MRL, use the MRL for SA. Canada MRL: Default MRL of 0.1 mg/kg.
	Vitex 50	Macadamia nut borer												
	Emma	Macadamia nut borer												
	Proclaim	Bollworm - African (American) bollworm, Codling moth, False codling moth, Leaf roller	14											
esfenvalerate	Sumi-Alpha 200 EW	Coconut bug, Stinkbug - Stinkbug complex, Stinkbug - Two-spotted stinkbug, Stinkbug - Yellow edged stinkbug	56	0.05	-	0.2	-	-	0.1	0.05	-	0.0175	Approved	EU Approval Expiration: 31/12/2022 SA MRL: Proposed MRL. SA PHI: Grazing of plants on treated area or feeding to animals: 14 days. USA MRL: A tolerance of 0.05 ppm is established for the combined residues of the insecticide esfenvalerate, its non-racemic isomer, (R)-cyano(3-phenoxyphenyl)methyl-(R)-4-chloro-α-(1-methylethyl)benzeneacetate and its diastereomers (S)-cyano(3-phenoxyphenyl)methyl-(R)-4-chloro-α-(1-methylethyl)benzeneacetate and (R)-cyano(3-phenoxyphenyl)methyl-(S)-4-chloro-α-(1-methylethyl)benzeneacetate as a result of the use of esfenvalerate in food-handling establishments. Russia MRL: No MRL indicated. Refer to Codex MRL. If no Codex MRL, use the MRL Canada MRL: Default MRL of 0.1 mg/kg.
ethephon	Effon 480 SL	Nut abscission	-	-	-	0.2	0.01	0.5	0.01	0.1	-	0.05	Approved	EU Approval Expiration: 31/07/2022 SA PHI: If the crop to be treated is intended for export, consult the relevant exporting organisation regarding the withholding periods. USA MRL: Tolerances are established for residues of the plant regulator ethephon. Russia MRL: No MRL indicated. Refer to Codex MRL. If no Codex MRL, use the MRL for SA.
	Ethaphon 480 SL													
	Ethephon 480 SL (L4776)													
	Ethephon 480 SL (L7511)													
E/Z-8-dodecenol	Isomate FCM	False codling moth	-	-	-	-	-	0.1	-	-	-	-	-	SA PHI: No withholding period applicable. Apply as instructed on the label. USA MRL: As Isomate M. The oriental fruit moth pheromone (Isomate-M) (Z-8-dodecen-1-yl acetate, E-8-dodecen-1-yl acetate, Z-8-dodecen-1-ol) is exempt from the requirement of a tolerance in or on all the raw agricultural commodities (food and feed) including, peach; quince; nectarine; and nut, macadamia when used in orchards with encapsulated polyethylene tubing to control oriental fruit moth. As Lepidopteran pheromones: Exempt from tolerance when applied to growing crops and/or applied as a post-harvest treatment to stored food commodities. Russia MRL: No MRL indicated. Refer to Codex MRL. If no Codex MRL, use the MRL for SA. Canada MRL: Default MRL of 0.1 mg/kg.

Maximum residue limit (MRL in mg/kg) and pre-harvest interval (PHI in days).

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MRL AND PHI SUMMARY

This summary report aims to provide a quick overview of the MRLs, PHIs and market requirements for specific active ingredients registered against specific targets on macadamia in South Africa.

Crop Type
Report Date

Macadamia nuts.
2022-06-07 07:24 from AgriIntel, China, South Korea & Japan added and list modified for easy reference.



Active Ingredient	Tradename	Target(s) as on label	SA PHI	SA MRL	China MRL	Japan MRL	South Korea MRL	USA MRL	Canada MRL	EU & GB MRL	Codex MRL	EU Acute reference dose	EU Approval Status	Comments
fluzifop-P-butyl	Fusilade Forte	Weeds - Grass weeds	40	0.05	0.01	0.01	-	0.1	0.1	0.01	0.01	0.017	Approved	EU Approval Expiration: 31/12/2023 EU MRL: As fluzifop-P (sum of all the constituent isomers of fluzifop, its esters and its conjugates, expressed as fluzifop). GB MRL: As fluzifop-P (sum of all the constituent isomers of fluzifop, its esters and its conjugates, expressed as fluzifop). USA MRL: Tolerances are established for residues of the herbicide fluzifop-P-butyl, including its metabolites and degradates. Russia MRL: No MRL indicated. Refer to Codex MRL. If no Codex MRL, use the MRL for SA.
furfural	Crop Guard	Nematodes	-	-	-	-	-	-	0.1	1	-	-	Not Approved	SA PHI: Apply as instructed on the label. No withholding period indicated on label. Russia MRL: No MRL indicated. Refer to Codex MRL. If no Codex MRL, use the MRL for SA. Canada MRL: Default MRL of 0.1 mg/kg.
gamma-cyhalothrin	Vantex 60 CS	Stinkbug	82	-	-	-	-	0.05	0.1	0.01	0.01	0.0025	Approved	EU Approval Expiration: 31/03/2025 USA MRL: Tolerances are established for the combined residues of the pyrethroid gamma-cyhalothrin (the isolated active isomer of lambda-cyhalothrin) and its epimer (R)-'-cyano-3-phenoxybenzyl (Z)-(1R,3R)-3-(2-chloro-3,3,3-trifluoroprop-1-enyl)-2,2-dimethylcyclopropanecarboxylate. Russia MRL: No MRL indicated. Refer to Codex MRL. If no Codex MRL, use the MRL for SA. Codex MRL: As cyhalothrin (includes lambda-cyhalothrin): cyhalothrin (sum of all isomers). Canada MRL: Default MRL of 0.1 mg/kg.
garlic juice extract	Kannar Garlic Repellent 930	Aphids	-	-	-	-	-	-	0.1	-	-	-	Approved	EU ARFD: Not applicable EU Approval Expiration: 29/02/2036 SA PHI: Apply as instructed on the label. No withholding period indicated on label. EU MRL: As Garlic extract. No MRL required. GB MRL: As Garlic extract. No MRL required. Russia MRL: No MRL indicated. Refer to Codex MRL. If no Codex MRL, use the MRL for SA. Canada MRL: Default MRL of 0.1 mg/kg.
	Kannar KangroShield 100	Ants, Aphids, Astylus beetle, Bollworm - African (American) bollworm, CMR beetle, Mites - Red spider mite, Thrips, Whitefly	2											
	Kannar Pygar 932	Ants, Aphids, Astylus beetle, CMR beetle, Mites - Red spider mite, Thrips, Whitefly	1											
<i>Glomus iranicum</i> var. <i>tenuihypharum</i>	MycoUp Activ	Root development	-	-	-	-	-	-	-	-	-	-	-	SA PHI: Apply as instructed on the label. No withholding period indicated on label.
glufosinate-ammonium	Basta	Weeds - Broadleaf weeds,	-	-	0.01	0.1	0.1	0.5	0.5	0.1	0.1	0.021	Not Approved	SA PHI: Apply as instructed on the label. No withholding period indicated on label. USA MRL: Tolerances are established for residues of the herbicide glufosinate ammonium, including its metabolites and degradates. Russia MRL:
	Coller 200 SL	Weeds - Grass weeds,												
	Glufos 200 SL	Weeds - Sedges												
	Knersus 200 SL													
	Lifeline													
	Nirvana													
Silent														

Maximum residue limit (MRL in mg/kg) and pre-harvest interval (PHI in days).

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MRL AND PHI SUMMARY

This summary report aims to provide a quick overview of the MRLs, PHIs and market requirements for specific active ingredients registered against specific targets on macadamia in South Africa.

Crop Type Macadamia nuts.
Report Date 2022-06-07 07:24 from AgriIntel, China, South Korea & Japan added and list modified for easy reference.



Active Ingredient	Tradename	Target(s) as on label	SA PHI	SA MRL	China MRL	Japan MRL	South Korea MRL	USA MRL	Canada MRL	EU & GB MRL	Codex MRL	EU Acute reference dose	EU Approval Status	Comments
glyphosate	Bounty SL	Weeds - Broadleaf weeds,	-	-	-	1	1	1	0.1	0.1	-	0.5	Approved	EU Approval Expiration: 15/12/2022 SA PHI: Apply as instructed on the label. No withholding period indicated on label. USA MRL: Tolerances are established for residues of glyphosate, including its metabolites and degradates resulting from the application of glyphosate, the isopropylamine salt of glyphosate, the ethanolamine salt of glyphosate, the dimethylamine salt of glyphosate, the ammonium salt of glyphosate, and the potassium salt of glyphosate. Compliance with the following tolerance levels is to be determined by measuring only glyphosate (N-(phosphonomethyl)glycine). Russia MRL: No MRL indicated. Refer to Codex MRL. If no Codex MRL, use the MRL for SA. Canada MRL: Default MRL of 0.1 mg/kg.
	Glygran 710 SG	Weeds - Grass weeds,												
	Glyphogan Plus	Weeds - Noxious weeds,												
	Kalach 510 SL	Weeds - Sedges												
	Makhro Glyphosate 360 SL													
	Panga 360 SL													
	Panga Turbo 450 SL													
	Rondo 757 SG													
	Roundup													
	Roundup Turbo													
	Scat 360 SL													
	Sharda Glyphostate 360 SL													
	Slash Turbo 450 SL													
	Touchdown Forte HiTech													
	Tumbleweed													
	Enviro Glyphosate 360	Weeds - Broadleaf weeds,												
	Erase 360 SL	Weeds - Grass weeds												
	Kalach 700 WSG													
	Panga High-Load 600 SL													
	Piranha 360 SL													
Piranha 510 SL														
Piranha Dry														
Seismic														
Springbok 360 SL														
Glynox 540 SL	Weeds - Grass weeds, Weeds - Noxious weeds, Weeds - Sedges													
Muscle-Up 360 SL	Weeds - Broadleaf weeds,													
Silvimax	Weeds - Grass weeds,													
Silvinator	Weeds - Sedges													
Slash 360 SL														
Slash 710 SG														
<i>Helicoverpa armigera</i> nucleopolyhedrovirus [syn. bollworm nucleopolyhedrovirus]	Helicovir	Bollworm - African (American) bollworm	-	-	-	-	-	-	0.1	-	-	-	Approved	EU ARfD: Not applicable EU Approval Expiration: 31/05/2023 SA PHI: No withholding period applicable. Apply as instructed on the label. EU MRL: As <i>Helicoverpa armigera</i> nucleopolyhedrovirus (HearNPV). No MRL required. GB MRL: As <i>Helicoverpa armigera</i> nucleopolyhedrovirus (HearNPV). No MRL required. USA MRL: As nuclear polyhedrosis virus of <i>Heliothis zea</i> . Exempt from tolerance. Russia MRL: No MRL indicated. Refer to Codex MRL. If no Codex MRL, use the MRL for SA. Canada MRL: Default MRL of 0.1 mg/kg.
imidacloprid	Imidrod 350 SC	Thrips	200	-	0.01	0.04	0.01	0.05	0.05	0.01	0.01	0.08	Not Approved	USA MRL: Tolerances are established for residues of the insecticide imidacloprid, including its metabolites and degradates. Russia MRL: As imidaclopride. No MRL indicated. Refer to Codex MRL. If no Codex MRL, use the MRL for SA.
	Imirod 350SC													
	Kohinor 350 SC	Aphids, Thrips	112											
indaziflam	Alion	Weeds - Broadleaf weeds, Weeds - Grass weeds	154	-	-	0.01	0.01	0.01	0.01	0.01	-	-	Pending	EU MRL: Default MRL of 0.01 mg/kg. GB MRL: Default MRL of 0.01 mg/kg. USA MRL: Tolerances are established for residues of the herbicide indaziflam, including its metabolites and degradates. Russia MRL: No MRL indicated. Refer to Codex MRL. If no Codex MRL, use the MRL for SA.
indoxacarb	Steward 150 EC	False codling moth	14	-	-	0.01	0.01	0.08	0.1	0.02	-	0.005	Not approved	USA MRL: Tolerances are established for residues of indoxacarb, including its metabolites and degradates. Russia MRL: No MRL indicated. Refer to Codex MRL. If no Codex MRL, use the MRL for SA. Canada MRL: Default MRL of 0.1 mg/kg.

Maximum residue limit (MRL in mg/kg) and pre-harvest interval (PHI in days).

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MRL AND PHI SUMMARY

This summary report aims to provide a quick overview of the MRLs, PHIs and market requirements for specific active ingredients registered against specific targets on macadamia in South Africa.

Crop Type Macadamia nuts.
Report Date 2022-06-07 07:24 from AgriIntel, China, South Korea & Japan added and list modified for easy reference.



Active Ingredient	Tradename	Target(s) as on label	SA PHI	SA MRL	China MRL	Japan MRL	South Korea MRL	USA MRL	Canada MRL	EU & GB MRL	Codex MRL	EU Acute reference dose	EU Approval Status	Comments
lambda-cyhalothrin	Ampligo	Bollworm - African (American) bollworm, Carob moth, Codling moth, False codling moth, Litchi moth, Stinkbug - Stinkbug complex	14	0.1	0.01	0.5	0.5	0.05	0.05	0.01	0.01	0.005	Approved	EU Approval Expiration: 31/03/2023 USA MRL: Tolerances are established for the combined residues of the pyrethroid lambda-cyhalothrin, and its epimer expressed as epimer of lambda-cyhalothrin. Russia MRL: As lambda-cygalotrine. No MRL indicated. Refer to Codex MRL. If no Codex MRL, use the MRL for SA. Codex MRL: As cyhalothrin (includes lambda-cyhalothrin): cyhalothrin (sum of all isomers).
	Anasac Zero 5 EC	Stinkbug	82											
	Attacke													
	Judo 50 EC													
	Karate EC													
	Karis 5 CS													
	Lambda 50 EC													
	Lambda EC													
Shamda 50 EC														
Karate Zeon 10 CS	7													
Metarhizium anisopliae	Real Metarhizium 69	Mealybug, Thrips	0	-	-	-	-	-	0.1	0.01	-	-	Approved	EU ARfD: Not applicable EU Approval Expiration: 30/04/2037 EU MRL: As Metarhizium anisopliae var. anisopliae strain BIPESCO 5/F52. Default MRL of 0.01 mg/kg. GB MRL: As Metarhizium anisopliae var. anisopliae strain BIPESCO 5/F52. Default MRL of 0.01 mg/kg. USA MRL: As Metarhizium anisopliae strain F52: Exempt from tolerance. Canada MRL: Default MRL of 0.1 mg/kg.
methoxyfenozide	Bolt 240 SC	False codling moth	14	3	0.1	0.1	0.09	0.1	0.1	0.1	0.1	0.1	Approved	EU Approval Expiration: 31/03/2026 SA MRL: Proposed MRL. USA MRL: Tolerances are established for residues of the insecticide methoxyfenozide, including its metabolites and degradates. Russia MRL: No MRL indicated. Refer to Codex MRL. If no Codex MRL, use the MRL for SA.
	Cohort 240 SC													
	Marksman 240 SC													
	Runner 240 SC													
	Walker 240 SC													
novaluron	Cormoran 180 EC	False codling moth	84	0.01	-	0.01	0.01	0.08	0.1	0.01	-	-	Not Approved	SA MRL: Proposed MRL. USA MRL: Tolerances are established for residues of the insecticide novaluron, including its metabolites and degradates. Nut, tree, group. Russia MRL: No MRL indicated. Refer to Codex MRL. If no Codex MRL, use the MRL for SA. Canada MRL: Default MRL of 0.1 mg/kg.
organic plant acids	Kannar Kanguard 940	Fungi	-	-	-	-	-	-	0.1	-	-	-	-	SA PHI: 24 hours. Russia MRL: No MRL indicated. Refer to Codex MRL. If no Codex MRL, use the MRL for SA. Canada MRL: Default MRL of 0.1 mg/kg.
paclobutrazol	Avocet	Vegetative growth control	-	0.05	-	0.01	0.01	-	0.1	0.01	-	0.1	Approved	EU Approval Expiration: 31/05/2023 SA MRL: As paclobutrazol (sum of paclobutrazol and paclobutrazolketone). SA PHI: Apply as instructed on the label. No withholding period indicated on label. Russia MRL: No MRL indicated. Refer to Codex MRL. If no Codex MRL, use the MRL for SA. Canada MRL: Default MRL of 0.1 mg/kg.
	Cultar													

Maximum residue limit (MRL in mg/kg) and pre-harvest interval (PHI in days).

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MRL AND PHI SUMMARY

This summary report aims to provide a quick overview of the MRLs, PHIs and market requirements for specific active ingredients registered against specific targets on macadamia in South Africa.

Crop Type
Report Date

Macadamia nuts.
2022-06-07 07:24 from AgriIntel, China, South Korea & Japan added and list modified for easy reference.



Active Ingredient	Tradename	Target(s) as on label	SA PHI	SA MRL	China MRL	Japan MRL	South Korea MRL	USA MRL	Canada MRL	EU & GB MRL	Codex MRL	EU Acute reference dose	EU Approval Status	Comments
paraquat	Agriquat 200 SL	Weeds - Broadleaf weeds,	21	-	0.05	0.05	0.01	0.05	0.1	0.02	0.05	0.005	Not Approved	SA PHI: Keep livestock out of treated area for 3 weeks. USA MRL: Tolerances are established for residues of the desiccant, defoliant, and herbicide paraquat derived from application of either the bis(methyl sulfate) or the dichloride salt (both calculated as the cation). Russia MRL: Canada MRL: Default MRL of 0.1 mg/kg.
	Paragone 200 SL	Weeds - Grass weeds												SA PHI: Keep livestock out of treated areas for 21 days. USA MRL: Tolerances are established for residues of the desiccant, defoliant, and herbicide paraquat derived from application of either the bis(methyl sulfate) or the dichloride salt (both calculated as the cation). Russia MRL: Canada MRL: Default MRL of 0.1 mg/kg.
	Sharda Paraquat 200 SL		7	SA PHI: Keep livestock out of treated areas for 7 days. USA MRL: Tolerances are established for residues of the desiccant, defoliant, and herbicide paraquat derived from application of either the bis(methyl sulfate) or the dichloride salt (both calculated as the cation). Russia MRL: Canada MRL: Default MRL of 0.1 mg/kg.										
	Parody 200 SL			SA PHI: Apply as instructed on the label. No withholding period indicated on label. USA MRL: Tolerances are established for residues of the desiccant, defoliant, and herbicide paraquat derived from application of either the bis(methyl sulfate) or the dichloride salt (both calculated as the cation). Russia MRL: Canada MRL: Default MRL of 0.1 mg/kg.										
	Gramoxone	Weeds - Broadleaf weeds,												
	Preeglone	Weeds - Grass weeds,												
Scorcher	Weeds - Sedges													
permethrin	Last Call F.C.M.	False codling moth	-	-	-	0.05	0.01	-	0.1	0.05	-	-	Not Approved	SA PHI: No withholding period applicable. Apply as instructed on the label. Russia MRL: No MRL indicated. Refer to Codex MRL. If no Codex MRL, use the MRL for SA. Canada MRL: Default MRL of 0.1 mg/kg.
	Last Call M.N.B.	Macadamia nut borer												
polyether-polymethylsiloxane-copolymer	Break-Thru	Adjuvant - Foliar nutrients,	-	-	-	-	-	-	0.1	-	-	-	-	Canada MRL: Default MRL of 0.1 mg/kg.
	Charge	Adjuvant - Fungicides,												
	Supawett	Adjuvant - Insecticides												
Techniwet Super														
propiconazole	Propin 250 EC	Scab	90	-	-	0.05	0.01	0.1	0.1	0.01	-	0.1	Not Approved	USA MRL: Tolerances are established for residues of propiconazole, including its metabolites and degradates. Russia MRL: No MRL indicated. Refer to Codex MRL. If no Codex MRL, use the MRL for SA.
pymetrozine	Chess	Stinkbug, Sucking bug complex	21	0.02	-	-	0.01	-	0.1	0.02	-	0.1	Not Approved	Russia MRL: No MRL indicated. Refer to Codex MRL. If no Codex MRL, use the MRL for SA. Canada MRL: Default MRL of 0.1 mg/kg.
	Cranium 500 WGD	Sucking bug complex (<i>Pseudotheraptus wayi</i> , <i>Bathycoella natalicola</i> & stink bugs from the Coreidae and Pentatomidae												
	Trivia 500 WDG	Sucking bug complex												
pyraclostrobin	Bellis	Anthrachnose, Blossom blight, Husk rot, Husk spot	14	0.02	0.02	1	0.02	0.04	0.04	0.02	0.02	0.03	Approved	EU Approval Expiration: 31/01/2023 USA MRL: Tolerances are established for residues of the fungicide pyraclostrobin, including its metabolites and degradates. Nut, tree, except pistachio. Russia MRL: No MRL indicated. Refer to Codex MRL. If no Codex MRL, use the MRL for SA. Codex MRL: Tree nuts, except pistachio nuts.

Maximum residue limit (MRL in mg/kg) and pre-harvest interval (PHI in days).

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MRL AND PHI SUMMARY

This summary report aims to provide a quick overview of the MRLs, PHIs and market requirements for specific active ingredients registered against specific targets on macadamia in South Africa.

Crop Type
Report Date

Macadamia nuts.
2022-06-07 07:24 from AgriIntel, China, South Korea & Japan added and list modified for easy reference.



Active Ingredient	Tradename	Target(s) as on label	SA PHI	SA MRL	China MRL	Japan MRL	South Korea MRL	USA MRL	Canada MRL	EU & GB MRL	Codex MRL	EU Acute reference dose	EU Approval Status	Comments
pyrethrin extract	Kannar KangroShield 100	Ants, Aphids, Astylus beetle, Bollworm - African (American) bollworm, CMR beetle, Mites - Red spider mite, Thrips, Whitefly	-	1	-	1	-	-	0.1	1	0.5	0.2	Approved	EU Approval Expiration: 31/08/2022 SA MRL: As pyrethrins (sum of pyrethrins I and II, cinerins I and II and jasmolins I and II). Dried nuts. SA PHI: 48 hours. Edible crops. EU MRL: As pyrethrins. GB MRL: As pyrethrins. USA MRL: Pre-harvest application to growing crops: Exempt from the requirement of a tolerance. A tolerance of 1.0 ppm is established for residues of the insecticide pyrethrins in or on all food items in food handling establishments where food and food products are held, processed, prepared and/or served. Food must be removed or covered prior to use. Russia MRL: As pyrethrins. Codex MRL: The MRL accommodates post-harvest treatment of the commodity. Canada MRL: Default MRL of 0.1 mg/kg.
	Kannar Pygar 932	Ants, Aphids, Astylus beetle, CMR beetle, Mites - Red spider mite, Thrips, Whitefly	-	-	-	-	-	-	-	-	-	-	-	EU Approval Expiration: 31/08/2022 SA MRL: As pyrethrins (sum of pyrethrins I and II, cinerins I and II and jasmolins I and II). Dried nuts. SA PHI: Edible crops: 24 hours. EU MRL: As pyrethrins. GB MRL: As pyrethrins. USA MRL: Pre-harvest application to growing crops: Exempt from the requirement of a tolerance. A tolerance of 1.0 ppm is established for residues of the insecticide pyrethrins in or on all food items in food handling establishments where food and food products are held, processed, prepared and/or served. Food must be removed or covered prior to use. Russia MRL: As pyrethrins. Codex MRL: The MRL accommodates post-harvest treatment of the commodity. Canada MRL: Default MRL of 0.1 mg/kg.
spinetoram	Delegate 250 WG	False codling moth, Nut borer, Thrips	7	0.01	0.01	0.1	0.01	0.1	0.02	0.02	0.01	0.1	Approved	EU Approval Expiration: 30/06/2024 USA MRL: Tolerances are established for residues of the insecticide spinetoram, including its metabolites and degradates. Russia MRL:
sterilised <i>Thaumotobia leucotreta</i> [syn. sterilised False codling moth]	Xsit FCM SIT	False codling moth	-	-	-	-	-	-	-	-	-	-	-	SA PHI: No withholding period applicable. Apply as instructed on the label.
sulfoxaflor [syn. isoclast]	Closer 240 SC	Mealybug	14	0.02	-	0.02	0.02	0.015	0.015	0.02	0.03	0.25	Approved	EU Approval Expiration: 18/08/2025 SA MRL: Proposed MRL. USA MRL: Tolerances are established for residues of the insecticide sulfoxaflor, including its metabolites and degradates. Russia MRL: No MRL indicated. Refer to Codex MRL. If no Codex MRL, use the MRL for SA.
tau-fluvalinate	Klartan 240 EW	Stinkbug	30	0.01	-	-	-	-	0.1	0.01	-	0.05	Approved	EU Approval Expiration: 31/08/2024 SA MRL: Proposed MRL. EU MRL: As Fluvalinate (sum of isomers) resulting from the use of tau-fluvalinate.
	Klaxon 240 EW													
	Klepton 240 EW													
terpenic polymer	Sprayfilm 10	Adjuvant - Foliar nutrients, Adjuvant - Fungicides, Adjuvant - Herbicides, Adjuvant - Insecticides	-	-	-	-	-	-	0.1	-	-	-	-	Canada MRL: Default MRL of 0.1 mg/kg.
<i>Thaumotobia (Cryptophlebia) leucotreta granulovirus</i> [syn. false codling moth granulovirus]	Cryptex	False codling moth	-	-	-	-	-	-	0.1	0.01	-	-	-	SA PHI: No withholding period applicable. Apply as instructed on the label. EU MRL: Default MRL of 0.01 mg/kg. GB MRL: Default MRL of 0.01 mg/kg. Russia MRL: No MRL indicated. Refer to Codex MRL. If no Codex MRL, use the MRL for SA. Canada MRL: Default MRL of 0.1 mg/kg.
	Cryptogran													
	GraTham													
thiamethoxam	Actara SC	Stinkbug - Stinkbug complex	93	-	0.02	0.02	0.01	0.02	0.02	0.01	-	0.5	Not Approved	USA MRL: Tolerances are established for residues of the insecticide thiamethoxam, including its metabolites and degradates, in or on the following commodities. Russia MRL: No MRL indicated. Refer to Codex MRL. If no Codex MRL, use the MRL for SA. Canada MRL: All food crops (other than those listed in this item).
	Pinnacle 240 SC													
	Thiatox 250 WDG													
	Thiexam 250 WDG													

Maximum residue limit (MRL in mg/kg) and pre-harvest interval (PHI in days).

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MRL AND PHI SUMMARY

This summary report aims to provide a quick overview of the MRLs, PHIs and market requirements for specific active ingredients registered against specific targets on macadamia in South Africa.



Crop Type Macadamia nuts.
Report Date 2022-06-07 07:24 from AgriIntel, China, South Korea & Japan added and list modified for easy reference.

Active Ingredient	Tradename	Target(s) as on label	SA PHI	SA MRL	China MRL	Japan MRL	South Korea MRL	USA MRL	Canada MRL	EU & GB MRL	Codex MRL	EU Acute reference dose	EU Approval Status	Comments
<i>Trichoderma asperellum</i>	Real Trichoderma	Botrytis	0	-	-	-	-	-	-	-	-	-	Approved	EU ARFD: Not applicable. EU Approval Expiration: <i>Trichoderma asperellum</i> (formerly <i>T. harzianum</i>) strains ICC012, T25 and TV1: 30/04/2022. <i>Trichoderma asperellum</i> strain T34: 31/05/2023. EU MRL: As <i>Trichoderma asperellum</i> (strain ICC012, strain T25, strain TV1, strain T34 and strains ICC012, T25 and TV1). No MRL required. GB MRL: As <i>Trichoderma asperellum</i> (strain ICC012, strain T25, strain TV1, strain T34 and strains ICC012, T25 and TV1). No MRL required. USA MRL: As <i>Trichoderma asperellum</i> (Strain ICC 012 & Strain T34): Exempt from the requirement of a tolerance.
trifluralin	Nufarm Trifluralin 480 EC Rifle 480 EC Trifluralin 480 EC Triflurex 480 EC Sharda Trif 480 EC	Weeds - Broadleaf weeds, Weeds - Grass weeds	-	-	-	0.05	-	0.05	0.1	0.01	0.05	-	Not Approved	EU ARFD: Not applicable SA PHI: Apply as instructed on the label. No withholding period indicated on label. USA MRL: Tolerances are established for residues of trifluralin, including its metabolites and degradates. Russia MRL: No MRL indicated. Refer to Codex MRL. If no Codex MRL, use the MRL for SA. Canada MRL: Default MRL of 0.1 mg/kg.
(Z)-8-dodecenyl acetate [syn. (Z)-8-dodecen-1-yl acetate]	CheckMate FCM-F Isomate FCM Last Call F.C.M. RB SPLAT FCM X-Mate F.C.M. Last Call M.N.B. M.N.B. PheroLure X-Mate M.N.B.	False codling moth Macadamia nut borer	-	-	-	-	-	-	0.1	0.01	-	-	Approved	EU Approval Expiration: 31/08/2022 SA PHI: No withholding period applicable. Apply as instructed on the label. EU MRL: As Straight Chain Lepidopteran Pheromones and (Z)-8-Dodecen-1-yl acetate. Default MRL of 0.01 mg/kg. GB MRL: As Straight Chain Lepidopteran Pheromones and (Z)-8-Dodecen-1-yl acetate. Default MRL of 0.01 mg/kg. USA MRL: As Isomate M. The oriental fruit moth pheromone (Isomate-M) (Z)-8-dodecen-1-yl acetate, E-8-dodecen-1-yl acetate, Z-8-dodecen-1-ol) is exempt from the requirement of a tolerance in or on all the raw agricultural commodities (food and feed) including, peach; quince; nectarine; and nut, macadamia when used in orchards with encapsulated polyethylene tubing to control oriental fruit moth. As Lepidopteran pheromones: exempt from tolerance. Lepidopteran pheromones that are naturally occurring compounds, or identical or substantially similar synthetic compounds, designated by an unbranched aliphatic chain (between 9 and 18 carbons) ending in an alcohol, aldehyde or acetate functional group and containing up to 3 double bonds in the aliphatic backbone, are exempt from the requirement of a tolerance in or on all raw agricultural commodities. This exemption only pertains to those situations when the pheromone is: Applied to growing crops at a rate not to exceed 150 grams active ingredient/acre/year in accordance with good agricultural practices; and applied as a post-harvest treatment to stored food commodities at a rate not to exceed 3.5 grams active ingredient/1,000 ft ² /year (equivalent to 150 grams active ingredient/acre/year) in accordance with good agricultural practices. Russia MRL: No MRL indicated. Refer to Codex MRL. If no Codex MRL, use the MRL for SA. Canada MRL: Default MRL of 0.1 mg/kg.

Maximum residue limit (MRL in mg/kg) and pre-harvest interval (PHI in days).

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