

MAXIMUM RESIDUE LIMITS FOR PERMISSIBLE CHEMICALS

TABLE GRAPES

Chemical	Trade Names	Local SA Reg. MRL (PPM)	Local Withholding Period (Days)	Export Default MRL (PPM)	Export Default Withholding Period (Days)	EU MRL Status 2018 (PPM)	USA MRL (PPM)	Russian Default MRL (PPM)	Russian MRL Export Default Withholding Period (MOU terms) (Days)	Codex MRL (PPM)	MRL Notes (PPM)
(E)-8-Dodecen-1-yl acetate + (Z)-8-Dodecen-1-yl acetate	Checkmate FCM-F Isomate FCM RB Splat FCM	-	-	0.01	-	0.01	Exp.	-		-	
Acetamiprid	Mospilan 20 SG Sharda Acetamiprid 200 SP Tampid Devalan 20 SP MULAN® 20 SP	1.0	45	0.5	Not after beginning of flowering	0.5	0.35 Fruit, small, vine climbing, sub-group 13-07F	-		0.5	Hong Kong - Israel 0.05 Canada 0.35 Switzerland 0.2
Alpha-cypermethrin	Alpha-Thrin 100 SC Avalanche Ag-Alpha Cyper 100 SC Sentry EC Fastac SC	0.05	28	0.05	28	0.5 (Cypermethrin/ isomers)	2.0 (cypermethrin)	0.2 Grape		0.2 (as cypermethrin including alpha- and zeta-cypermeth)	Oman restricted use
Ametoctradin + Dimethomorph	Orvego®	5.0	21	5.0	21	6.0	4.0	-		6.0	China 2.0 Hong Kong - Canada 4.0 Switzerland -
				3.0		3.0	3.0	3.0		3.0	Hong Kong 2.0 India 0.05 Indonesia 2.0 Israel 0.1 Taiwan 1.0 Vietnam 2.0

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Azoxystrobin	Quadris 50 WG Mirador 250 SC Essence 500 WDG Monarch 500 WDG Obstructo 250 SC Nanok Aztrix 250 SC Aroxy 250SC Farmag Azoxystrobin 250 SC	1.0	14	1.0	14	3.0	2.0 Fruit, small, vine climbing, sub-group 13-07F	2.0 Grape		2.0	Israel 0.6
Bacillus amyloliquefaciens	Amylo-X	-	-	-	-	No MRL required	-	RNR (Exp.)		-	
Bacillus subtilis	SERENADE® ASO	-	-	-	-	0.01	Exp.	RNR (Exp.)		-	
Bacillus Thuringiensis	DiPel DF	-	-	-	-	0.01	-	RNR (Exp.)		-	
Beauveria bassiana	Eco-Bb	-	-	-	-	-	Exp.	-		-	
Benomyl	Benomyl 500 WP Benomyl Farmag Benomyl 500 WP	1.0	Not after small pea berry size 4-6 weeks	0.3	Do not use after flowering	0.3	-	0.015 Grapes	Do not use after flowering	3.0 (as carbendazim)	Oman prohibited use
Benthiavalicarb *also refer to Mancozeb	Valbon WG*	0.2	28 (Table grapes: not later than 5mm berry size)	0.2	28 (Table grapes: not later than 5mm berry size)	0.3	0.25 (grape import)	-		-	China - Hong Kong - India - Iran - Indonesia - Malaysia (0.01) Singapore - Taiwan - Vietnam -
Beta-cyfluthrin *also refer to Mancozeb	Bulldock 050 EC	0.1	35	0.1	35	0.3 (Cyfluthrin/ isomers)	1.0	-		-	China - India - Indonesia - Iran - Israel - Malaysia (0.01) Singapore - Taiwan 0.01 Vietnam -

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Beta-cypermethrin	Akito	0.05	28	0.05	28	0.5	2.0 (cypermethrin)	0.2 Grapes		0.2 (as cypermethrin including alpha- and zeta-cypermeth)	Oman restricted use
Bollworm Nucleopolyhedrovirus	Bolldex Graboll Helicovir	-	0	-	0	Exp.	Exp.	-		-	
Boscalid	Cantus Collis (+ Kresoxim-methyl)	5.0	28	5.0	28	5.0	5.0 Fruit, small, vine climbing subgroup 13-07F	5.0 Grapes		5.0	Canada 3.5 Taiwan 1.0
Boscalid + Kresoxim-methyl	Collis	5.0	28	5.0	28	5.0	5.0 Fruit, small, vine climbing subgroup 13-07F	5.0 Grapes		5.0	Canada 3.5 Taiwan 1.0
		0.5	28	0.5	28	1.0	1.0	1.0 Grape		1.0	
Botanical Extract/ Plant Acid (Ascorbic acid; Citrus extract)	Bestcure	0.01	0	0.01	0	0.01	Exp.	-		-	
Botanical extracts (Natural pyrethrin)	Xterminator	1.0	0	1.0	0	1.0	Applied to growing crops Exp./ Postharvest 1.0	-		-	China- Indonesia - Iran - Israel - Malaysia 0.01 Taiwan 0.3 Thailand - Vietnam -
Bromopropylate	Capacity 500 EC Ripple 500 EC Flair	1.0	21	0.01	Not later than 80% flowering	0.01	-	2.0 Grape		2.0	

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Cadusafos	Rugby 10 ME Rugby 10 G Rugby	≤ 0.01	0	≤ 0.01	0	0.01	-	-		-	Oman restricted use
Captab/Captan	Captab WP Thor 500 WP Captan 800 WG Sharda Captan 800 WG MERPAN® 80 WDG	15.0	DP-14 WP-** 6 Weeks, 4-6 mm berry size 4-6 weeks	0.03	Not after flowering	0.03	25.0	25.0 Grapes		25.0	Oman prohibited use Taiwan 25.0 (Vietnam Banned chemical)
Carbaryl	Carbaryl 850 WP Carbadust 50 DP Sevin XLR Plus 480 SC Avi Carbo DP	2.5	DP-14 WP-**	0.01	Do not apply after full bloom	0.01	10.0	-		-	Oman prohibited use
Carbendazim	Ag-Carbendazim 500 SC Zimbo	1.0	4-6 weeks before harvest and commencement of flowering	0.3	Do not apply after commencement of flowering	0.3	-	3.0 Grape		3.0	Oman prohibited use
Chlorantraniliprole	Altacor Coragen	1.0	3	1.0	3	1.0	2.5 Fruit, small, vine climbing, except fuzzy kiwifruit, subgroup 13-07F	1.0 Grapes		1.0 Berries and other small fruits	Israel 0.4
Chlorphenapyr	Saber 360 SC Savage 360 SC Sergeant Hunter 24 SC Plumett	0.5	80	0.01	96 Before flowering Before beginning of flowering	0.01	0.01	-		-	China - India - Indonesia - Iran - Israel - Singapore - Vietnam -

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Chlorpyrifos *dormant application	Lirifos 480 EC Dursban 480 EC Dursban 750 WG Chlorban EC Agropyrifos 480 EC Pyrinex 480 EC Klub M5 Chlorpyrifos Pyrinex 250 CS Chlorifos Chlorpyrifos 480 EC	-	Dormant application and also stem treatment for WG formulation	≤ 0.01	Dormant application and stem treatment for Dursban 75 WG only	0.01	- (US FR indicates regional registration at 0.01)	0.5 Grapes		0.5	Oman restricted use
Clothianidin Note: EU authorisation amendment/ possible related MRL implications pending.	Dantop 20 SC	0.01	90 Apply not later than 80% bud burst	0.01	90 Apply not later than 80% bud burst	0.7	0.6	0.07 Berries and other small fruits		0.7	

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Copper (Cu) Oxychloride and other Cu salts including Cupric hydroxide	CungFu Fungi Flow Copper Oxychloride WP Nordox 86% WG Cuprofix Disperss Demildex Cuprofix 30 Disperss Cuprofix Ultra Liquicop Kocide 2000 Copsol Dust Copper Count-N Coprox WP Coprox Super Nanogreen SC Copper-Flow-Plus Farmag Cu Super Farmag Copper Oxychloride Copro Flow S Copflo Super Copstar 120 SC Copper Clear Farmag Hydroxy	20.0	DP-3 WP**	20.0	DP-3 WP- Not after pea berry size	50.0	Exp.	5.0 Grapes	DP - 14 WP - 5mm berry diameter	-	China - Hong Kong - Indonesia - Israel - Malaysia Exp Switzerland 15.0 Taiwan Exp. Vietnam -
	28-42 days										
			4-6 weeks								
Cyanamide	Dormex Deurbraak Bloomer Dorcy Cymex Cyan ALERT 520 SC Cymet	0.05	Dormant application only	0.01	Dormant application only	0.01	-	-		-	China - Hong Kong - India - Indonesia - Iran - Israel - Malaysia (0.01) Oman prohibited use Singapore - Taiwan -

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Cymoxanil	Curzate 600 WG	0.1	28	0.1	28	0.3	0.1	0.1		-	Israel - Iran - Malaysia (0.01) Singapore - Thailand - Vietnam -
	Cymox		Do not apply after pea size		Do not apply after pea size						
	Vidac Flo		4 – 6 weeks (Do not apply after pea size)		4 – 6 weeks (Do not apply after pea size)						
Cymoxanil + Mancozeb	Controller Cymax M WP Cymoxazeb WP Fungarrest Micexanil Zetanil M	0.1	4 – 6 weeks (Do not apply after pea size)	0.1	4 – 6 weeks (Do not apply after pea size)	0.3	0.1	0.1		-	Indonesia - Israel - Iran - Malaysia (0.01) Singapore - Thailand - Vietnam -
Cymoxanil + Famoxadone	Equation Pro	0.1	28	0.1	28	0.3	0.1	0.1	Not later than 5mm berry diameter	-	Indonesia - Israel - Iran - Malaysia (0.01) Singapore - Thailand - Vietnam -
Cymoxanil + Propineb	Milraz 76 WP	0.1	4-6 Weeks (Up to 5 mm berry diameter)	0.1	4-6 Weeks (Up to 5 mm berry diameter)	0.3	0.1	0.1		-	Indonesia - Israel - Iran - Malaysia (0.01) Singapore - Thailand - Vietnam -
Cypermethrin	Cyperin Cypermethrin 200 EC Polytrin 200 EC Ag-Cypermethrin 200 EC Kemprin 200 EC Farmag Cypermethrin	0.05	28	0.05	28	0.5	2.0	0.2 Grapes		0.2	Oman restricted use

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Cyprodinil	As part of Switch Choir 500 WDG Chant 500 WDG As part of Cyprocide WG	0.5	28	0.5	28	3.0	3.0 Fruit, small, vine climbing, sub-group 13-07F	5.0 Grapes		3.0	
Deltamethrin	Delta-Thrin 25 EC Decis Forte 100 EC Ag-Deltamethrin 25 EC Celtis 25 EC Servus Delmet 250 EC	0.1	EC-28 SC-42	0.1	EC formulation-28 SC formulation-42	0.2	-	0.2 Grapes		0.2	Singapore 0.05
Dichlorvos	Divos 1000 EC Dichlorvos EC Desta 100 EC Devipan 100 EC DDVP Dichlorvos 1000 EC	0.1	7	≤ 0.01	14	0.01	0.5	0.05 Grapes		-	Oman prohibited use
Difenoconazole	Score Sharda Difenoconazole 250 EC Divino 250 EC Pronto 250 EC D-ZOLE Defender 250 EC Sterin 250 EC Farmag Difenoconazole 250 EC	0.2	28	0.2	28	3.0	3.0 Fruit, small, vine climbing, except fuzzy kiwifruit, subgroup 13-07F	0.5 Grapes		3.0	Indonesia 0.1 Israel 0.1 Vietnam 0.1
Dimethomorph	Dimethozeb Vimethozeb Sovrin Flo Acrobat WG Dimethozeb 690 WP	5.0	56	3.0	56 Max. 3 applications no later than 5 mm berry diameter As confirmed by BASF for Acrobat only	3.0	3.0 Grape	3.0 Grape		3.0	Hong Kong 2.0 India 0.05 Indonesia 2.0 Israel 0.5 Vietnam 2.0

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Dimethomorph + Folpet	Sphinx Extra	5.0	56 Do not use after pea berry size	3.0	56 Do not use after pea berry size	3.0	3.0	3.0		3.0	Hong Kong 2.0 India 0.05 Indonesia 2.0 Israel 0.5 Vietnam 2.0
		15.0		6.0		6.0	50.0 (import)	0.02 Grapes		10.0	Iran Suspended Oman prohibited use Taiwan prohibited - 0.00
Dithianon	Alaris WG Detect 400 SC	3.0	21	3.0	21	3.0	3.0	3.0		2.0 (Table grapes)	Canada (0.1) [China 2.0] [India 2.0] [Israel 2.0] [Iran 2.0] [Malaysia 2.0] [Oman 2.0] [Singapore 2.0] Switzerland 0.01 Taiwan 0.2 [Thailand 2.0]
Emamectin benzoate	Warlock 19.2 EC	0.05	14	0.05	14	0.05	-	0.05		0.03	[China 0.03] Hong Kong - [India 0.03] Indonesia 0.03 [Iran 0.03] [Malaysia 0.03] [Oman 0.03] [Singapore 0.03] Taiwan 0.03 Thailand 0.005 Vietnam 0.03

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Esfenvalerate	Sumi-alpha	0.05	28	0.05	28	0.3	-	0.1 Grapes		-	India - Indonesia - Malaysia (0.01) Thailand -
Ethephon	Ethapon Ethephon 480 SL	5.0	Not later than 5% berry colouring	1.0	Not later than 5% berry colouring	1.0	2.0	1.0		0.8	[India 0.8] [Iran 0.8] [Malaysia 0.8] [Oman 0.8] [Singapore 0.8] Switzerland 0.5
False codling moth granulovirus	Cryptex Gratham Cryptogran	-	0	-	0	-	-	-		-	
Fenamidone * also refer to mancozeb	No Blite	1.0	49	≤ 0.01	Do not apply after full bloom	0.6	1.0 (imported)	-		0.6	Oman Mancozeb - Prohibited use
Fenamiphos	Fenamiphos 400 EC Spitfire 400 EC Nemacur 10 GR Nemacur 100 EC Bonfire 400 EC Atador	0.05	100	0.02	100	0.03	0.1 (Import tolerance)	-		-	Hong Kong - India - Indonesia - Iran - Japan 0.06 Malaysia (0.01) Oman restricted use Vietnam -

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Fenazaquin	Pride 200 SC Vanity 200 SC Superior 200 SC	0.2	63	0.2	63	0.2	-	0.01 Grapes	Apply before onset of flowering	-	Canada (0.1) China - Hong Kong - India - Indonesia - Iran - Israel - Japan - Malaysia (0.01) Singapore - Taiwan 0.1 Thailand - Vietnam -
Fenhexamid	Teldor 500 SC Electron 500 SC Femida 500 EC	5.0	3	5.0	3	15.0	4.0	15.0		15.0	Canada 4.0 Israel 4.0 Taiwan 4.0
Fenpyroximate	Lesson 50 EC	0.1	40	0.1	40	0.3	1.0 Fruit, small, vine climbing, sub-group 13-07F	0.3		0.1	Israel 0.05
Fipronil +	Antset 200 SC Sunset 200 SC	0.01	28	0.005	Dormant and stem application only	0.005	-	-		-	Oman restricted use Taiwan 0.001
Lambda-cyhalothrin (Dormant - Trunk treatment)		0.2				0.2 EU MRL 0.08 from 26/01/2019 EU Commission Regulation 2018/960	0.01	0.15		0.2 (Cyhalothrin, Berries and other small fruit)	Oman restricted use
Fludioxonil	As part of Switch As part of Cyprocide WG	0.5	28	0.5	28	5.0	2.0 Fruit, small, vine climbing, sub-group 13-07F	2.0 Grapes		2.0	

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Fluopicolide + Fosetyl-Al	Profler	2.0	28	2.0	28	2.0	2.0	2.0 Grapes		2.0	Canada 1.4 Switzerland 1.0
		25.0		25.0		100.00	10.0	0.8		-	Canada (0.1) China 10.0 India 10.0 Indonesia - Iran - Israel 5.0 Malaysia (0.01) Singapore - Taiwan 20.0 Thailand - Vietnam -
Flusilazole	Flustar WG	0.05	21	0.01	Contact relevant Ag-Chem company to confirm	0.01	-	0.2 Grapes		0.2	
Flutriafol + Tebuconazole	Topguard 300 SC	0.05	28	0.05	28	0.8	1.5	0.05		0.8	Hong Kong -
		0.5		0.5		0.5	5.0	2.0 Grapes		6.0	
Fluopyram	Luna Privilege	2.0	3	1.5	3	1.5	2.0 Fruit, small, vine climbing, sub-group 13-07F	1.0 Grapes		2.0	Israel 0.4 Switzerland -
Fluopyram + Tebuconazole	Luna Experience	2.0	Do not apply after the berries have reached pea berry stage	1.5	Do not apply after the berries have reached pea berry stage	1.5	2.0 Fruit, small, vine climbing, sub-group 13-07F	1.0 Grapes	Not later than 5mm berry diameter	2.0	Israel 0.4 Switzerland -
		0.5		0.5		0.5	5.0	2.0 Grapes		6.0	

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Folpet	Folpan 500 SC Valeo 500 SC Fortune 500 SC FOLPAN® 80 WDG	15.0	DP-3 WP-**	6.0	Do not use after 5mm berry diameter	6.0	50.0 (import)	0.02 Grapes		10.0	Iran Suspended Oman prohibited use Taiwan prohibited - 0.00
	Figure 500 SC		Not after the pre-blossom stage		Not after the pre-blossom stage						
Forchlorfenuron	Sitofex Berymax Ambitious	0.05	Not required when used as directed	0.01	Not required when used as directed	0.01	0.03	-		-	
Formetanate	Dicarzol	0.05	80	0.05	80	0.1	-	-		-	China - Hong Kong - India - Indonesia - Iran - Israel - Japan - Malaysia (0.01) Singapore - Taiwan - Vietnam -
Fosetyl-Al *also refer to fluopicolide	Aliette 800 WG Profler * Fostonic 80 WP	25.0	28	25.0	28 Do not apply after 5 mm berry diameter	100.0	10.0	0.8 Grapes as Aluminium Phosetyl	Do not apply after 5 mm berry diameter	-	Canada (0.1) China 10.0 Hong Kong 10.0 India 10.0 Indonesia - Iran - Israel 5.0 Malaysia (0.01) Singapore - Taiwan 20.0 Thailand - Vietnam -
Furfural	Crop Guard	0.01	0	≤0.01	0	1.0	-	-		-	

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Gamma-cyhalothrin	Vantex 60 CS	0.2	28	0.01	Contact relevant Agchem company to confirm	0.01 EU MRL 0.08 from 26/01/2019 EU Commission Regulation 2018/960	0.01	-		0.2 (cyhalothrin, Berries and other small fruit)	Oman restricted use
Gibberellins	Falgro Tablets Falgro 20 SP Falgro 4 SL Gibb Liquid 4 ProGibb 4% ProGibb 40%	0.2	Not later than 5mm berry diameter No later than 14mm berry diameter	0.2	Not later than 5mm berry diameter No later than 14mm berry diameter	No MRL required	Exp.	RNR (Exp.)		-	China - Hong Kong - India - Indonesia - Iran - Israel - Malaysia (0.01) Singapore - Thailand - Vietnam -
Hexaconazole	Optan SC Richter	0.1	7	0.01	Contact relevant Ag-Chem company to confirm	0.01	-	-		-	
Imidacloprid Note: EU authorisation amendment/ possible related MRL implications pending.	Warrant 350 SC Warrant 70 WG Imidacloprid 350 SC Confidor 70 WG Kohinor 350 SC Cast 700 WDG Emit 700 WDG Provado 350 SC Sharda Imidacloprid 350 SC Imidor 350 SC Apache Gold 350 SC Punto 350 SC Imidor 350 SC Imirod 350 SC	0.05	112	0.05	112	1.0	1.0	1.0		1.0	Oman restricted use

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Indoxacarb	Steward Steward 150 EC Doxstar flo Addition 150 EC Advance 150 EC	2.0	14	2.0	14 Maximum 2 applications	2.0	2.0 Fruit, small vine climbing, except fuzzy kiwifruit, subgenus 13.07F	2.0 Grapes	28	2.0	Canada (0.1) China - Israel 1.0 Taiwan 0.01
Iprodione Note: EU authorisation/ MRL withdrawal pending, may affect late season fruit types	Taurus 500 SC Iprodione 500 SC Rovral Aquaflo Prodione IproFlo Pickle 500 SC Iprone 500 SC Roflo Iprodione 255 Rovral Flo*	5.0	7 3 Do not apply after pea berry stage	5.0	7 3 Do not apply after pea berry stage	20.0 (Unpublished Sante 11836/2017, proposed new MRL 0.01)	60.0	10.0 Grapes	Latest 5mm berry diameter	10.0	Iran -
Iprovalicarb	Argento	0.5	Do not apply after 5mm berry diameter	0.5	Do not apply after 5mm berry diameter	2.0	2.0 (import)	-		-	Canada (0.1) China - Hong Kong - India - Indonesia - Iran - Israel 0.05 Malaysia (0.01) Singapore - Taiwan - Vietnam -
Iprovalicarb +	Melody Duo	0.5	Do not apply after 5mm berry diameter	0.5	Do not apply after 5mm berry diameter	2.0	2.0 (import)	-	Not later than flowering	-	Canada (0.1) China - Hong Kong - India - Indonesia - Iran - Israel 0.05 Malaysia (0.01) Singapore - Taiwan - Vietnam -
Propineb		3.0	DP-14 WP-** 28 - Do not apply to grapes after the pea berry size	1.0 (as propineb); 5.0 (as CS2)		1.0 (as propineb); 5.0 (as CS2)	-	0.1 Grapes		5.0 (Dithiocarb.)	Iran Suspended

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Kresoxim-methyl	Kresoxim-methyl 500 WDG Kreso WDG Vista Flo Kreso 50 WG Ardent 50 SC Collis (+ Boscalid)	0.5	14	0.5	14	1.0	1.0	1.0 Grape		1.0	
Lambda – cyhalothrin	Karate EC Karate Zeon Judo 50 EC Lambda 50 EC Ag-Lambda 50 EC Lambda EC Lambda Cyhalothrin 50 Attacke Lamdex 5 EC Karis 5 CS	0.2	28	0.08	Contact relevant Ag-Chem Company to confirm	0.2 EU MRL 0.08 from 26/01/2019 EU Commission Regulation 2018/960	0.01	0.15 Grapes	Not after flowering	0.2 (cyhalothrin, Berries and other small fruit)	Oman restricted use

MAXIMUM RESIDUE LIMITS FOR PERMISSIBLE CHEMICALS

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Mancozeb	Dithane M-45 800 WP NT	3.0	Not after 5mm berry diameter	3.0	Not after 5mm berry diameter	5.0 (as CS ₂)	1.5	0.1 Grapes	Not later than one week after flowering	5.0 (Dithiocarb.)	Oman prohibited use
	Dithane M-45 800 WP										
	Dithane 750 WG Neotec										
	Curzate Pro										
	Newzeb 800 WP										
	Unizeb WP										
	Tridex WP										
	Farmag Mancozeb 800 WP										
	Penncozeb WG										
	Rolim 700 WP										
Crater 455 SC											
Pennfluid 420 SC											
Villa Unizeb 750 WDG	4-6 weeks										
Mancozeb 800 WP (L9169)											
Ventum 800 WP											
Mancozeb (L3517)											
No-Blite											
Mancozeb 800 WP											
Vondozeb											
Tsumeb											
Newzeb 455 SC											
Valbon WG*											
MILOR MZ											
Milor700 WP											
Pergado MZ											
Newzeb 750 WDG											
Mandipropamid *also refer to mancozeb	Pergado MZ	1.0	Not after 5mm berry diameter	1.0	Not after 5 mm berry diameter	2.0	1.4 Fruit, small vine climbing, except fuzzy kiwifruit, subgroup 13-07F	2.0 Grapes		2.0	Oman Mancozeb - Prohibited use

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Maneb	Mangle SC Vandal	3.0	28	3.0	28	5.0 (as CS ₂)	-	- 5.0 Grape, Ditiocarb.		5.0 (Dithiocarb.)	Oman prohibited use
Meptyldinocap	Karathane Star	0.5	Use only before blossom	0.5	Use only before blossom	1.0	0.2	-		0.2	Canada (0.1) [China 0.2] Hong Kong 0.2 [India 0.2] Indonesia 0.2 [Iran 0.2] Israel 0.1 [Malaysia 0.2] [Oman 0.2] [Singapore 0.2] Switzerland - Taiwan -
Mercaptothion/ Malathion	Datathion Mercaptothion 500 EC Kickback 700 MZ Harrier 500 EC	2.0	10	0.02	10 Bait application ONLY Never apply bait to bunches	0.02	8.0	5.0 Grapes		5.0	Israel -
Metalaxyl-M (Mefenoxam) * also refer to Mancozeb	Ridomil Gold Pepite MILOR MZ	1.5	56 (Do not apply after flowering)	1.5	Not after pea berry stage	2.0	2.0	2.0 Grapes	Not after 5mm berry diameter	1.0	Canada 1.0 Hong Kong 1.0 China 1.0 India - (Draft MRL 0.05) Indonesia 1.0 [Iran 1.0] Israel 1.0 Japan 1.0 [Malaysia 1.0] Oman Mancozeb - Prohibited use [Oman Metalaxyl 1.0] Singapore 1.0

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Methidathion	Suprathion 420 EC Arythion 420 EC	0.2	EC-8 WP- Not after pea berry size	0.02	Up to flowering only	0.02	-	1.0 Grapes		1.0	Iran Banned Oman prohibited use
Metiram		3.0	Not after small pea (5mm) berry size	3.0	35 Not later than 5mm berry size	5.0 (as CS ₂)	-	0.02 All food products	Contact relevant Ag-chem company to confirm	5.0 (Dithiocarb.)	
Metrafenone	Vivando	0.5	28	0.5	28	7.0	4.5	5.0 Grapes		5.0	Japan (0.01)
Mevinphos	Phosdrin 500 SL	0.2	7	0.01	Not later than 5mm berry diameter	0.01	-	-		-	Oman prohibited use
Myrothecium verrucaria* strain AARC-0255 fermentation solids and solubles	DiTera	Exp.	-	Exp.	-	-	-	-		-	
Oxamyl	Vydate SL	-	Dormant spray before bud burst	≤0.01	Dormant spray before bud burst	0.01	-	-		-	Oman restricted use
Penconazole	Topaz 200 EW Excalibur 200 EW Pencomax EW Penconazole 200 EW Captain	0.2	14	0.2	14	0.4 (Unpublished Sante 11715/2017, proposed new MRL 0.5)	-	0.3 Grapes		0.2	Canada (0.1)

HORTGRO

Growing Fruit IQ



MAXIMUM RESIDUE LIMITS FOR PERMISSIBLE CHEMICALS



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Phosphorous acid	Rootex 400 SL Phosphite 400 SL Ag-Phos 400 SL Fighter Brilliant 300 SL Brilliant SL Hyperphos 400 SL Rootmaster 200 SL Rootmaster 400 SI Hygrophos 400 PhosMaxx PhosPlus Phosguard 200 SL Phosguard 400 SL Mariphos 400 SL	25.0	28	25.0	28	100.0 (sum fosetyl + phosphorous acid and their salts, expressed as fosetyl)	Exp.	-		-	China - Hong Kong 10.0 as Fosetyl-AI India - Indonesia - Iran - Israel - Malaysia (0.01) Taiwan 20.0 Vietnam -
Potassium bicarbonate (also known as potassium hydrogen carbonate)		-	0	-	0	No MRL required	Exp.	-		-	
Procymidone	Hit 500 SC Sumisclex SC	5.0	5 3	0.01	Do not apply after blossom	0.01	-	5.0 Grapes		-	
Profenofos	Profenofos 500 Selefos Selecron	-	Early spring application only, prior to flowering	≤ 0.01	Early spring application only, prior to flowering	0.01	-	-		-	Oman prohibited use
Propineb	Antracol 70 WP	3.0	DP-14 WP-** 28 - Do not apply to grapes after the pea berry size	1.0 (as propineb); 5.0 (as CS2)	Do not apply after 5 mm berry diameter	1.0 (as propineb); 5.0 (as CS2)	-	- 5.0 (Dithiocarb.)	Not later than flowering	5.0 (Dithiocarb.)	Iran Suspended

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Proquinazid	Talendo	0.5	28	0.5	28 Max. 3 applications	0.5	0.5 Import tolerance	0.5 Grape		-	China - Hong Kong - India - Japan - Indonesia - Iran - Israel 0.05 Malaysia (0.01) Singapore - Vietnam -
Proquinazid + Tetraconazole	Associate 240 EC	0.5	28	0.5	28	0.5	0.5 Import tolerance 0.2 Small fruit vine climbing, except fuzzy kiwifruit, subgroup 13-07F	0.5 Grape -	Contact relevant Ag-chem company to confirm	-	China - Hong Kong - India - Japan - Indonesia - Iran - Israel 0.05 Malaysia (0.01) Singapore - Vietnam - China - India - Indonesia - Iran - Israel 0.05 Malaysia (0.01) Singapore - Vietnam -
Prothiofos	Tokuthion® 960 EC	1.0	60	≤ 0.01	Use only during dormancy period before budswell	0.01	-	0.1 Grapes		-	
Pyraclostrobin	Cabrio Pyrax	0.5	28	0.5	35	1.0	2.0	2.0 Grape		2.0	-

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Pyrimethanil	Botrynil Scala 400 SC Pyrus 400 SC Support 400 SC Source 400 SC	5.0	35	5.0	35 Do not apply more than 2 sprays per season	5.0	5.0 Fruit, small, vine climbing, sub-group 13-07F	4.0 Grapes		4.0	[China 4.0] Hong Kong 4.0 Indonesia 4.0 [India 4.0] [Iran 4.0] Israel 2.0 [Malaysia 4.0] [Oman 4.0] [Singapore 4.0] Taiwan - Vietnam 4.0
	Protector 400 SC Pyrimet 400 SC		7		7 Do not apply more than 2 sprays per season						
Pyrimethanil +	Tutor 500 SC	5.0	28	0.5	28	5.0	5.0 Fruit, small, vine climbing, sub-group 13-07F	4.0 Grapes		4.0	[China 4.0] Hong Kong 4.0 Indonesia 4.0 [India 4.0] [Iran 4.0] Israel 2.0 [Malaysia 4.0] [Oman 4.0] [Singapore 4.0] Taiwan -
		0.5									
Fludioxonil											
Quinoxifen	Legend 250 SC Proxima FABLE 250 SC LORE 250 SC	1.0	21	1.0	21	1.0	2.0 Fruit climbing	2.0 Grape		2.0	Israel 0.5
S-Abscisic Acid	ProTone Excelero	Exp.		≤ 0.01		No MRL required	Exp.	-		-	Japan -
Spinetoram	Delegate 250 WG	0.5	3	0.5	3	0.5	0.5 Fruit, small, vine climbing, except fuzzy kiwifruit, subgroup 13-07F	-		0.3	[Oman 0.3]

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Spinosad	Tracer 480 SC Entrust Naturalyte 800 WP	0.1	28	0.1	28 Max. 4 applications	0.5	0.5 Fruit, small, vine climbing, except fuzzy kiwifruit, subgroup 13-07F	0.5 Grapes		0.5	
	GF-120 NF		0		0 Multiple bait applications						
Spinosad +	STATIC Spinosad ME	0.1	1	0.1	1	0.5	0.5 Fruit, small, vine climbing, except fuzzy kiwifruit, subgroup 13-07F	0.5 Grapes		0.5	
Methyl eugenol		-		-		No MRL required	-	-		-	
Spirotetramat	Movento 240 SC	1.0	Do not apply later than the pea-berry stage of the crop	1.0	Do not apply later than the pea-berry stage of the crop	2.0	1.3 Fruit, small, vine climbing, except fuzzy kiwifruit, subgroup 13-07F	2.0 Grapes		2.0	Israel 0.5
Spiroxamine	Spiral 500 EC Prosper 500 EC Potential 500 EC Flourish 500 EC Spirox 500 EC	1.0	Not after commencement of flowering	0.6	Not after commencement of flowering	0.6	1.0 (import)	2.0 Grape		-	China - India - Indonesia - Iran - Israel 0.05 Malaysia (0.01) Singapore - Taiwan - Vietnam -
Sulfoxaflor	Closer 240SC	1.0	28	1.0	28	2.0	2.0 Fruit, small, vine climbing, except fuzzy kiwifruit, subgroup 13-07F	-		2.0	-

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Sulphur	Thiovit Jet	50.0	DP-0 WP-**	50.0	DP-0 WP-** Not after small pea (5mm) berry size	No MRL required	Exp.	-		-	China - India - Indonesia - Iran - Israel - Malaysia Exp. Taiwan Exp. Vietnam -
	Flowable Sulphur		4 - 6 weeks								
	Cosavet										
	Dusting Sulphur										
	Sulfostar										
	Striker										
	Ciplapol S 320										
	Striker SC										
	Microthiol Special										
	Sulgran 800 WDG										
	Kumulus WG										
	Copsol Dust		3		3						
	Dusting Sulphur										
	Sulfostar		6 weeks								
Tebuconazole * also refer to Trifloxystrobin	Flint Max 75 WG*	0.5	14	0.5	Do not apply after 6 - 8 mm berry diameter. Do not apply more than 3 sprays per season	0.5	5.0	2.0 Grapes		6.0	
	Riza 250 EW TebuCure 250 EW		42								
Tetraconazole	Domark 100 EC Tetris EC Tetris EW	0.5	14	0.5	14	0.5	0.2 Small fruit vine climbing, except fuzzy kiwifruit, subgroup 13-07F	-		-	China - India - Indonesia - Iran - Israel 0.05 Malaysia (0.01) Singapore - Vietnam -
Thiamethoxam Note: EU authorisation amendment/possible related MRL implications pending.	Actara SC Thiatox 250 WDG Thiamax 250 WDG Thiamex 25 WG	-	Apply within one month after harvest	-	Apply within one month after harvest	0.4	0.2 Fruit small, vine	0.1		0.5 Berries and small fruit	



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Thiram		5.0	90	0.1 (as thiram); 5.0 (as CS2)	Not after 5mm berry size	0.1 (as thiram); 5.0 (as CS2)	-	0.01 (All food products)	Not after flowering	5.0 (Dithiocarb.)	India 3.0 as Dithiocarb. Oman restricted use
Triadimenol	Shavit 250 EC	1.0	14	0.3	Before blossom only	0.3	-	2.0 Grapes		0.3	
Trichoderma atroviride	Eco-77	-	-	-	-	No MRL required	-	-		-	-
Trichlorfon	Trichlorfon 950 SP	0.2	10	0.01	Only for use in bait applications, not later than blossom	0.01	-	0.1 Grape		-	
Trifloxystrobin *also refer to Tebuconazole	Consist 50 WG Flint Max 75 WG* Connect 500 WDG Unite 500 WDG	0.5	4 to 6 weeks (to avoid visible residues)	0.5	Not later than pea berry (5mm) berry diameter	3.0	2.0	5.0 Grapes		3.0	

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Valifenalate + Mancozeb	Valis M	1.2	42	0.2	42	0.2	-	-	Not later than one week after flowering	-	China - Hong Kong - India - Indonesia - Israel - Iran - Japan - Malaysia (0.01) Oman - Singapore - Taiwan - Thailand -
		3.0									
Valifenalate + Folpet	Java F	12	42	0.2	42	0.2	-	-		-	Iran Suspended Oman prohibited use Taiwan prohibited - 0.00
		15.0									
Zeta-cypermethrin	Fury 10 EW Fury	0.05	28	0.05	28	0.5 (Cypermethrin/ isomers)	2.0	0.2 Grapes		0.2 (as cypermethrin including alpha- and zeta-cypermeth)	Oman restricted use
Zoxamide	Zoxium	2.0	28 Max. of 4 applications	2.0	28 Max. of 4 applications	5.0	5.0	5.0 Grapes		5.0	