

MAXIMUM RESIDUE LIMITS FOR PERMISSIBLE CHEMICALS
APPLES

Chemical	Trade Names	Local SA Reg. MRL (PPM)	Local Withholding Period (Days)	Export Default MRL (PPM)	Export Default Withholding Period (Days)	EU MRL Status 2021 (PPM)	GB/ UK MRL Status 2021	USA MRL (PPM)	Russian MRL (PPM)	Russian MRL Export Default Withholding Period (MOU terms) (Days)	Codex MRL (PPM)	MRL Notes (PPM)
(1-naphthyl) acetamide (NAD)	Amid-Thin W	-	No later than 6 days after fullbloom	-	No later than 6 days after fullbloom	0.15	0.15	-	-		-	
(E, E)-8, 10-Deodecadien-1-ol	Disrupt CM-Extra	-	-	0.01	-	0.01	0.01	Exp.	-		-	
1-Methylcyclopropene	SmartFresh Fysium	≤ 0.01	PHT	≤ 0.01	PHT	0.01	0.01	Exp.	-		-	
2-(1-naphthyl) acetic acid (NAA)	PoMaxa	1.0	No later than 5mm fruit diameter	0.15	No later than 5mm fruit diameter	0.15	0.15	Exp.	-		-	Canada (0.1) China 0.1 India - Indonesia - Iran - Malaysia (0.01) Mauritius - Mexico - Singapore - Taiwan - Thailand - Vietnam -
6-benzyl adenine (BA)	MaxCel	0.2	Not later than 3 weeks after full bloom	≤ 0.01	Not later than 3 weeks after full bloom	0.01	-	Exp.	-		-	
	Exilis Bapsol		No later than 30 days after full bloom		No later than 30 days after full bloom							
6-benzyl adenine (BA) + Gibberellins	Elppa Perlan Promalin	0.2	Not later than 3 weeks after full bloom	≤ 0.01	Not later than 3 weeks after full bloom	0.01	No MRL required	No MRL required	-		-	
		0.05										
Abamectin	Mecti Biomectin Unimectin 18 EC Abamec plus Agromectin Abalone 18 EC Agrimec Gold Makhromectin Zoro 36 EC Farmag Abamectin 18 EC Avermec 18 EC As part of Voliam Targo (also see chlorantraniliprole)	0.01	14	0.01	14	0.03	0.03	0.02 Pome fruit	0.02 Fruits (pomaceous)	14	0.01 (Pome fruit)	
	Epicure SL		5		5							

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Acetamiprid	Mospilan 20 SG Magnitude 200 SP Maintain 200 SP Sharda Acetamiprid 200 SP Tamprid Devalan 20 SP Mosprid 20 SP Alice 20 SP	0.5	50	0.4	50 Or no later than 15 December Max. 2 applications Contact relevant Ag-Chem company to confirm	0.4	0.4	1.0 Pome fruit	-		0.8 (Pome fruit)	
Acetamiprid + Novaluron	Cormoran 180 EC	0.5	28 Maximum 3 applications per season	0.4	28 Maximum 3 applications per season	0.4	0.4	1.0 Pome fruit	-		0.8 (Pome fruit)	
				0.5		2.0	2.0	3.0 Fruits (pomaceous)	3.0 Fruits (pomaceous)		3.0 (Pome fruit)	Taiwan -
Acetamiprid + Indoxacarb	Acclima 240 EC	0.5 1.0	14	0.4	14	0.4	0.4	1.0 (Pome fruit)	- 0.5 Fruits (pomaceous)		0.8 0.5	
Alpha-cypermethrin	Alpha-Thrin 100 SC Polytrin Super Avalanche Sentry EC Fastac SC	0.5	14	0.5	14	1.0 (Cypermethrin/ isomers)	1.0 (Cypermethrin/ isomers)	2.0 (pome, cypermethrin)	-		0.7 (Pome fruit, as cypermethrin including alpha- and zeta-cypermeth)	Oman restricted use
Aviglycine HCL (Aminoethoxyvinylglycine Hydrochloride)	Retain	0.1	7	≤0.01	7	0.01	-	0.08	-	Contact relevant Ag-Chem company to confirm	-	
Azadirachtin	NeemAzal Bioneem	0.01	24 hrs.	0.01	24 hrs. No more than 5 applications per season. To be used under conditions where Codling moth is under commercial control	1.0	1.0	Exp.	-		-	Taiwan Exp.

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Bacillus Thuringiensis	Agree 50 WP Thuricide WP DiPel DF Betapro	-	-	-	-	0.01		Exp.	RNR (Exp.)		-	
Beauveria bassiana	Bio-Insek Eco-Bb	Exp.	-	Exp.	-	0.01		-	RNR (Exp.)		-	
Benomyl	Benomyl 500 WP Benomyl Farmag Benomyl 500 WP	3.0	14	0.2	Do not use after blossom	0.2	0.2	-	0.075 Fruits (pomaceous)	Do not use after blossom	3.0 (Pome fruit, as carbendazim)	Oman prohibited use
Beta-cypermethrin	Akito	0.5	14	0.5	14	1.0 (Cypermethrin/ isomers)	1.0 (Cypermethrin/ isomers)	2.0 (pome, cypermethrin)	0.7 Fruits (pomaceous)		0.7 (Pome fruit, as cypermethrin)	Iran - Oman restricted use
Bifenthrin	Seizer 80 SC	0.1	60	0.01	60	0.01	0.01	0.5 (Expiration date: 31-12-2021)	0.04 Fruits (pomaceous)		-	Indonesia - Oman prohibited use
Bollworm Nucleopolyhedrovirus	Bolldex Graboll Helicovir	-	0	-	0	No MRL required	No MRL required	Exp.	-		-	
Botanical extracts (Natural pyrethrin)	Xterminator	1.0	0	1.0	0	1.0	1.0	Applied to growing crops Exp./ Postharvest 1.0	-		-	China - India - Indonesia - Iran - Malaysia 0.01 Mauritius - Taiwan 0.3 Thailand - Vietnam -
Bupirimate	Nimrod® Notice 250 EC Nobel 250 EC Veto EW	0.5	14	0.3	28 Max. 3 applications	0.3	0.2	-	0.1 Fruits (pomaceous)		-	Canada (0.1) China - Hong Kong - India - Indonesia - Iran - Malaysia (0.01) Mauritius - Mexico - Saudi Arabia - Singapore - Vietnam -

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Bupirimate +	Veto Plus	0.5	14	0.01	Not to be used after flowering	0.3	0.2	-	0.1 Fruits (pomaceous)	Contact relevant Ag-Chem company to confirm	-	Canada (0.1) China - Hong Kong - India - Indonesia - Iran - Malaysia (0.01) Mauritius - Mexico - Singapore - Vietnam -
Hexaconazole		0.1				0.01	0.01		-			
Cadusafos	Rugby 10 ME Rugby 10 G Rugby Hockey 100 EW Soccer 100 EW	≤0.01	0	≤0.01	0	0.01	0.01	-	-		-	Oman restricted use
Captab/ Captan	Captab WP Captan 800 WG Thor 500 WP Captan Flo Merpan Sharda Captan 800 WG Captan 800 WG Farmag Captan 500 SC MERPAN® 80 WDG Captan 500 SC	15.0	14	10.0	35	10.0	10.0	25.0	3.0 Fruits (pomaceous)		15.0 (Pome fruit)	Oman prohibited use (Banned chemical - Vietnam MARD - Circular 3/2016/TT-BNNPTNT) 15.0 (In accordance with Codex Standards)
Carbaryl	Sevin XLR Plus Karbaspray 850 WP Carbaryl 850 WP	2.5	7 14	0.01	2 Applications no later than 28 days after full bloom	0.01	0.01	12.0 Pome fruit	0.05 Fruits (pomaceous)		-	Oman prohibited use
Chlorantraniliprole	Altacor As part of Voliam Targo (see also abamectin)	0.5	14 Max. 3 applications 14	0.5	14 Max. 3 applications	0.5 (Unpublished Sante 12030/2020 proposed new MRL 0.4)	0.5	1.2 Pome fruit	0.5 Fruits (pomaceous)		0.4 (Pome fruit)	Canada 0.4 [India 0.4] [Indonesia 0.4] [Iran 0.4] [Malaysia 0.4] [Mauritius 0.4] [Oman 0.4] [Saudi Arabia 0.4] [Singapore 0.4] [Thailand 0.4] [Vietnam 0.4]

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Chlorfenapyr	Hunter 24 SC Savage 360 SC Saber 360 SC Plumett Sergeant	0.5	30	0.01	Single application not later than the beginning of flowering	0.01	0.01	0.01	-		-	
Chlorpyrifos	Lirifos 480 EC Chlorifos Chlorban 480 EC Agropyrifos 480 EC Pyrinex 480 EC Klub M5 Chlorpyrifos Pyrinex 250 CS Chlorpyrifos 480 EC Rochlop	0.05	40	0.01	Dormant application only, not later than green tip	0.01	0.01	0.01	0.5 Fruits (pomaceous)		1.0 (Pome fruit)	Oman restricted use
Codling moth granulosis virus	MADEX GraCyd	-	5	-	5	Exp.		Exp.	-		-	
	Carpovirusine		3									
Codling moth and Oriental fruit moth granulosis virus	Madex Twin Madex Dual	-	-	-	-	-		-	-		-	
Copper (Cu) Oxychloride and other Cu salts including Cupric hydroxide	Fungi Flow Copper Oxychloride 850 WP Farmag Copper Oxychloride Farmag Cu Super Coprox WP Coprox Super Copper-Flow-Plus Copper Count-N Liquicop Demildex Copstar 120 SC Royal Blue Copmaxx Cupra Super Copper Oxychloride Super Copper Kill SC	20.0	14	5.0	Not later than Greentip	5.0	5.0	Exp.	5.0 Fruits (pomaceous)		-	China - Hong Kong - Indonesia - Malaysia Exp. Taiwan Exp.

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Cyanamide	Dormex Deurbraak Bloemer Dorcy Cyan Cymex Alert 520 SL Liberate	0.05	Dormant application	0.01	Dormant application only	0.01	0.01	-	-		-	
Cyantraniliprole	Exirel 100 SE	0.5	7	0.5	7	0.8	0.8	1.5	-		0.8 Pome fruit	Hong Kong - Taiwan -
Cyhexatin (Do not exceed 1 liter Acarstin Flo 600 SC (600g a.i.) / ha)	Acarstin Flo	2.0	3	0.2	35 Only one application per season	0.2	0.2	-	0.2 Fruits (pomaceous)		0.2	Canada (0.1) Iran Banned Oman prohibited use Taiwan prohibited - 0.00
Cypermethrin	Cyperin Cypermethrin 200 EC Polytrin 200 EC Avi-Sipermetrin EC Kemprin 200 EC Bitrad Cypermethrin Farmag Cypermethrin Sipermetrien Cymet Cypermethrin EC	0.5	14	0.5	14	1.0	1.0	2.0 Pome fruit	0.7 Fruits (pomaceous)		0.7 Pome fruit	Oman restricted use
Cyprodinil	Chorus Mirano 50 WG Choir 500 WDG Chant 500 WDG	0.1	74	0.1	74 Not later than full blossom Max. 4 applications	2.0	2.0	1.7 Pome fruit	1.0 Fruits (pomaceous)		2.0 Pome fruit	Indonesia 0.05 Saudi Arabia 0.05
Deltamethrin	Decis Forte Delta-Thrin 25 EC Celtis 25 EC Delmet 250 EC Servus 25 EC Deltamethrin 25 EC	0.1	EC-7 SC-14	0.1	EC-7 SC-14	0.2	0.2	0.2 Pome fruit	0.2 Fruits (pomaceous)		0.2	Mexico -



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Dichlorvos	Devipan 100 EC	0.1	7	0.01	14	0.01	0.01	-	0.05 Fruits (pomaceous)		-	Oman prohibited use
Didecyldimethylammoniumchloride	Sporekill Quattro-Kill Terminator Spore-Attack	20.0	0	0.1	Do not use on export fruit Contact relevant Ag-Chem company to confirm	0.1	0.1	-	-		-	Saudi Arabia -
Difenoconazole	Score Defender 250 EC Divino 250 EC Farmag Difenoconazole 250 EC	0.2	14	0.2	14	0.8	0.8	5.0 Pome fruit	1.0 Fruits (pomaceous)		4.0 (Pome fruit)	India 0.01 Canada (0.1)
	Scope 250 EC D-Zole EC		21		21							
Diphenylamine	Shield Liquid DPA No scald DPA Ecofog 100	10.0	PHT	0.05	Not for use on fruit for EU	0.05	0.05	10.0	10.0 Apples		10.0	
Dithianon	Delan Sense 660 WDG Nugget 660 WDG Alaris WG Detect 400 SC Inspect 400 SC	2.0	21	2.0	21	3.0	3.0	5.0 Pome fruit	5.0 Fruits (pomaceous)		1.0 Pome fruit	India 0.1 [Indonesia 1.0] [Iran 1.0] [Malaysia 1.0] [Mauritius 1.0] [Oman 1.0] [Singapore 1.0] [Thailand 1.0] Switzerland 0.3 Vietnam 1.0
	Maccani				28							


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Dithianon +	Combine 160 WDG Combo 160 WDG	2.0	21	2.0	21	3.0	3.0	5.0 Pome fruit	5.0 Fruits (pomaceous)		1.0 Pome fruit	India 0.1 [Indonesia 1.0] [Iran 1.0] [Malaysia 1.0] [Mauritius 1.0] [Oman 1.0] [Singapore 1.0] [Thailand 1.0] Switzerland 0.3 Vietnam 1.0
	Trifloxystrobin	0.1		0.1		0.7	0.7	0.5 Pome fruit	0.5 Fruits (pomaceous)		0.7 Pome fruit	
Dodine	Antagon	1.0	14	0.9	14 Max. 3 applications	0.9	0.9	5.0	5.0 Fruits (pomaceous)		5.0 Pome fruit	
	Syllit				60 days for export market							
Emamectin benzoate	Promec 20 EW (in combination with Clarity)	0.01	28	0.01	28	0.02	0.02	0.025 Pome fruit	0.05 Fruits (pomaceous)		0.02 Pome fruit	
	Vitex 50 (In combination with Clarity) Proclaim (in combination with Insegar) Emma		21									
	Warlock 19.2 EC		14		14							
Entomopathogenic nematodes for weevil and codling moth control	Cryptonem	-	0	-	0	-		-	-		-	
Esfenvalerate	Sumi-Alpha 200 EC Sumi-Alpha 200 EW	0.5	14	0.1	42	0.1	0.1	1.0	0.1 Fruits (pomaceous)		-	India - Indonesia - Malaysia (0.01) Mauritius - Saudi Arabia - Singapore - Thailand - Vietnam -
Etoxazole	Smite	0.2	42 Single application only	0.07	65 Single application only	0.07	0.07	0.2 Pome fruit	-		0.07 Pome fruit	

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Fenazaquin	Pride 200 SC Vanity 200 SC Superior 200 SC	0.05	30	0.05	30 Single application only	0.1 EU MRL 0.15 from 27/01/2022 EU Commission Regulation 2021/1110	0.1	0.6 Pome fruit	0.2 Fruits (pomaceous)		-	China - Hong Kong - India - Indonesia - Malaysia (0.01) Mauritius - Mexico - Singapore - Vietnam -
Fenbuconazole	Indar 50 EW	0.1	14	0.1	14 Max. 4 applications	0.5	0.5	0.4	0.1 Fruits (pomaceous)		0.5 Pome fruit	
Fenbutatin-oxide	Fenbutatin 550 SC	2.0	14	0.01	Not later than 75% petal fall	0.01	0.01	15.0	5.0 Fruits (pomaceous)		5.0 Pome fruit	
Fenoxycarb	Insegar	1.0	21	0.7	21 1st or 2nd generation Max. 4 applications	0.7	0.7	-	1.0 Fruits (pomaceous)	Contact relevant Ag-Chem company to confirm	-	Canada (0.1) China - Hong Kong - India - Indonesia - Iran - Malaysia (0.01) Mauritius - Mexico - Saudi Arabia - Singapore - Taiwan 0.01 Vietnam -
Fenpyroximate	Lesson 50 EC	0.2	30	0.2	30 Contact relevant Ag-Chem company to confirm	0.3	0.3	0.3 Pome fruit	0.3 Fruits (pomaceous)		0.2	
Fludioxonil	Scholar Teacher 230 SC Target 200 WDG	5.0	1	5.0	1	5.0	5.0	5.0 Pome fruit	5.0 Fruits (pomaceous)		5.0 Pome fruit	



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Flufenoxuron	Pitch 100 DC Torrent 100 DC	0.05	75	0.01	Contact relevant Ag-Chem company to confirm	0.01	0.5	0.5 Import tolerance	-		-	China - India - Indonesia - Iran - Malaysia (0.01) Mauritius - Mexico - Singapore - Taiwan - Vietnam -
Fluopyram +	Luna Experience	0.6	28	0.6	28 Max.3 applications	0.8	0.6	0.8	0.5 Fruits (pomaceous)		0.5 (Pome fruit)	China 0.5 Hong Kong - [India 0.5] [Indonesia 0.5] [Iran 0.5] [Malaysia 0.5] [Mauritius 0.5] Mexico 0.3 [Oman 0.5] Saudi Arabia 0.5 [Singapore 0.5] Taiwan 0.5 [Thailand 0.5] Vietnam 0.5
Tebuconazole		0.3		0.3		0.3	0.3	1.0 Pome fruit			1.0	Canada 0.1 Mexico 0.05
Flusilazole	Flusilazole 100 EC Intensive 100 EW Manage 100 EW Flustar WG Galactica	0.1	14 21	0.01	42 Max. 4 applications	0.01	0.01	-	0.3 Fruits (pomaceous)		0.3 Pome fruit	
Fluxapyroxad	Sercadis (Refer to label for compulsory mixing partner)	0.05	56	0.05	56	0.9	0.9	0.8	-		0.9 Pome fruit	Hong Kong -
Formetanate	Dicarzol	0.1	100	0.01	Not after blossom	0.01	0.01	-	-		-	



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Furfural	Crop Guard	0.1	0	0.1	0	1.0	1.0	-	-		-	China - Hong Kong - India - Indonesia - Iran - Malaysia (0.01) Mauritius - Mexico - Oman - Saudi Arabia - Singapore - Switzerland - Taiwan - Thailand - Vietnam -
Gamma-cyhalothrin	Vantex 60 CS	0.2	14	0.08	Contact relevant Agchem company to confirm	0.08 Lambda-cyhalothrin (includes gamma-cyhalothrin) (sum of R,S and S,R isomers) (F)	0.08 Lambda-cyhalothrin (includes gamma-cyhalothrin) (sum of R,S and S,R isomers) (F)	0.3	0.1 Fruits (pomaceous)	Contact relevant Agchem company to confirm	0.2 (Pome fruit, as cyhalothrin)	Oman restricted use
Gibberellins	Novagib 10 SL	0.05	Not later than 3 weeks after full bloom	0.05	Not later than 3 weeks after full bloom	No MRL required	No MRL required	Exp.	RNR (Exp.)		-	China - Hong Kong - India - Indonesia - Iran - Malaysia (0.01) Mauritius - Mexico - Singapore - Thailand - Vietnam -
	Regulex 10 SG		Not later than 7 weeks after full bloom		Not later than 7 weeks after full bloom							

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Imidacloprid Note: EU authorisation amendment/ possible related MRL implications pending.	Warrant 350 SC Warrant 70 WG Imidacloprid 350 SC Confidor WG Imidacloprid 350 Bandit 350 SC Kohinor 350 SC Provado 350 SC Sharda Imidacloprid 350 SC Starbug Cyrus SC Cyrus WG Apache 350 SC Inida 350 SC	0.2	Soil application: Apply after petal drop up to 21 days after flowering	0.01	Soil application: 1 Application after petal drop up to 21 days after full bloom	0.5 EU MRL 0.01 from 16/05/2022 EU Commission Regulation 2021/1881	0.5	0.5	0.5 Fruits (pomaceous)	Soil application: 1 Application after petal drop up to 21 days after full bloom	0.5	Oman restricted use
	Emit 700 WDG Cast 700 WDG		120 Soil application							120 Soil application		
Indoxacarb Note: EU authorisation amendment/ possible related MRL implications pending.	Margin 300 WDG Doxstar flo Session 300 WDG	1.0	28	0.5	28 Max. 3 applications	0.5	0.5	1.0 Pome fruit	0.5 Fruits (pomaceous)	28	0.5	Canada (0.1)
	Steward Margin 300 WDG Session 300 WD Indo 300 WDG InCide 300 WG Addition 150 SC Advance 150 SC Swat 150 SC				28 Max. 4 applications							
	Steward 150 EC				28 Max. 2 applications							
Indoxacarb +	Plemax	1.0	28	0.5	28	0.5	0.5	1.0 (Pome fruit)	0.5 Fruits (pomaceous)	28	0.5	
Novaluron		0.5				2.0	2.0	3.0 (Pome fruit)	3.0 Fruits (pomaceous)		3.0 (Pome fruit)	



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Iprodione	Prodione Rovral Aquaflor Iprodione 500 SC Taurus 500 SC Iproflo Pickle 500 SC	2.5	PHT	0.01	Do not use (if exporting to EU) Contact relevant Ag-Chem Company to confirm	0.01	0.01	-	5.0 Fruits (pomaceous)		5.0 (Pome fruit)	Canada (0.1)
Kresoxim-methyl	Stroby WG Vista Flo Ardent 50 SC Kreso WDG	0.1	45	0.1	45	0.2	0.2	0.5 (Pome fruit)	1.0 Fruits (pomaceous)		0.2 (Pome fruit)	
Lambda-cyhalothrin	Karate EC Karate Zeon Judo 50 EC Lambda 50 EC Lambda EC Lamdex 5 EC Karate Zeon 10 CS Lambada aquamul Karis 5 CS Lamdex 5 CS	0.2	14	0.08	Contact relevant Ag-Chem company to confirm	0.08	0.08	0.3	0.2 Fruits pomaceous	Contact relevant Ag-Chem company to confirm	0.2 (Pome fruit, as cyhalothrin, including lammba-cyhalothrin)	Oman restricted use

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Mancozeb Note: EU authorisation amendment/ possible related MRL implications pending.	Dithane M-45 800 WP NT Dithane M-45 800 WP Dithane 750 WG Neotec Unizeb 800 WP Newzeb 800 WP Mancozeb 800 WP (L9169) Mancozeb 800 WP (L7381) Vondozeb Ventum 800WP Tsumeb Tridex 800 WP Penncozeb WG Pennfluid 420 SC Cozeb 800 WP Multizeb 455 SC Newzeb 455 SC Newzeb 480 SC Newzeb 750 WDG Farmag Mancozeb 800 WP Mancozeb (L7352) Tozeb Flo Tozeb WP Unizeb 480 SC Villa Unizeb 750 WDG Villa Unizeb 800 WP Zenith 750 WG	3.0	14	3.0	21	5.0 (as CS ₂)	5.0	0.6	5.0 Fruits (pomaceous), as Dithiocarbs.		5.0 (Pome fruit) (Dithiocarb.)	Iran 2.0 Mexico 0.6 Oman prohibited use Taiwan 2.5
Maneb	Manager SC Mangle SC Vandal	3.0	14	3.0	28	5.0 (as CS ₂)	5.0	-	5.0 Fruits (pomaceous), as Dithiocarbs.		5.0 (Pome fruit) (Dithiocarb.)	Iran 2.0 Mexico - Oman prohibited use Taiwan 2.5

MAXIMUM RESIDUE LIMITS FOR PERMISSIBLE CHEMICALS
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Mercaptothion/Malathion	Dathation SC Mercaptothion 500 EC Avi-Merkaptotoks WP Fyfanon 440 EW Harrier 500 EC Insecto 500 EC	2.0	10	0.02	28 Bait application ONLY A maximum concentration of 500ml/ 100l of a 500EC mercaptothion formulation may be used in protein hydrolysate spray mixture with a maximum spray volume of 50 litres water per hectare	0.02	0.02	8.0	0.5 Fruits (pomaceous)		0.5	
Metamitron	Brevis 150 SC	0.01	56	0.01	56	0.1	0.1	-	-		-	
Metarhizium anisopliae ICIPÉ 69	Real Metarhizium	-	0	-	0	-	-	Exp.	-		-	
Methidathion	Suprathion 420 EC Methidathion 420 EC Arythion 420 EC	0.3	EC-dormant application only WP-21	0.03	EC - Dormant application only WP- Up to 90% petal fall	0.03	0.03	-	1.0 Pomaceous fruits		0.5	Iran Banned Mexico - Oman prohibited use Taiwan -
Methoxyfenozide	Runner 240 SC Marksman 240 SC Walker 240 SC Cohort 240 SC Clarity	1.5	10 28	1.5	10 28	2.0 (Unpublished Sante 10552/2021, proposed new MRL 0.01)	2.0	2.0 Pome fruit	-	10 28	2.0 (Pome fruit)	Taiwan 1.5
Methyl-Parathion	Droper 450 CS Penncap-M	0.01	60	≤ 0.01	60 Apply during first codling moth generation only. Max 3 applications not later than 15 December	0.01	0.01	Tolerance withdrawn in USA	0.2 Fruits (pomaceous)		0.2	Iran Banned Oman prohibited use (Banned chemical - Vietnam MARD - Circular 3/2016/TT-BNNPTNT) 0.2 (In accordance with Codex Standards)

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Milbemectin	Milbeknock	0.01	7	0.01	7	0.02	0.02	-	-	14	-	
Mineral oil	Ampron Citrole 100 Citrole 60 Budbreak CROPCHEM 86% Winter oil Opron	-	Dormant application only	≤ 0.01	Dormant application only	-	-	-	-		-	
Myclobutanil	Rally 20 EW Validus 200 EW Master 125 EC	0.2	14	0.2	14	0.6	0.6	0.5	0.5 Pomaceous fruits		0.6 (Pome fruit)	India 0.01
Novaluron	Rimon 10 EC React 100 EC Rizon 100 EC	0.5	84 Single application, before 75% petal fall	0.5	84 Single application, before 75% petal fall	2.0	2.0	3.0 Pome fruit	3.0 Fruits (pomaceous)		3.0 (Pome fruit)	
Penconazole	Topaz 200 EW Excalibur 200 EW Pencomax 200 EW Captain Avert 200 EW Palette® 200 EW	0.1	14	0.1	14	0.15	0.15	-	0.2 Fruits (pomaceous)		0.1	
Penconazole +	Ethos 275 EC * Venture 275 EC * Quantum 275 EC *	0.1	14	0.1	28 Max. 4 applications	0.15	0.15	-	0.2 Fruits (pomaceous)		0.1	
Difenoconazole		0.2		0.2		0.8	0.8	5.0 Pome fruit	1.0 Fruits (pomaceous)		4.0 (Pome fruit)	India 0.01 Canada (0.1)



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Pirimicarb	Aphox Apex 500 WDG Unipex 500 WDG	0.5	14	0.5	14	0.5	0.5	-	2.0 Fruits (pomaceous)		1.0 (Pome fruit)	
Potassium bicarbonate (also known as potassium hydrogen carbonate)	Agri-Cure SP	-	0	-	0	No MRL required	-	Exp.	-		-	
Potassium phosphite	Fighter	75.0 (As Fosteyl-Al)	14	75.0	14	150.0	150.0	Exp.	-		50.0 (As Fosteyl-Al)	
Prohexadione calcium	Regalis Kudos 100 WDG Remax Regalis Plus	0	56	0	56	0.1	0.1	3.0 Pome fruit	0.5 Fruits (pomaceous)		-	
Propargite	Omite 30 WSB	2.0	7	0.01	Do not apply after 100% petal drop	0.01	0.01	-	3.0 Fruits (pomaceous)		3.0	Oman prohibited use Switzerland 1.5
Prothiofos	Tokuthion® 960 EC	0.05	FST	0.01	Use during the dormant period before green tip	0.01	-	-	-		-	
Pydiflumetofen (Adepidyn)	Miravis	0.2	28	0.01	Contact relevant Ag-Chem company to confirm	0.01	-	0.2	-		-	


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Pyraclostrobin +	Maccani	0.02	28	0.02	28	0.5	0.5	1.5 Pome fruit	0.5 Fruits (pomaceous)		0.7 Pome fruit	
Dithianon		2.0		2.0		3.0	3.0	5.0 Pome fruit	5.0 Fruits (pomaceous)		1.0 (Pome fruit)	Canada (0.1) India 0.1 [Indonesia 1.0] [Iran 1.0] [Malaysia 1.0] [Mauritius 1.0] [Oman 1.0] [Singapore 1.0] [Thailand 1.0] Switzerland 0.3 Vietnam 1.0
Pyrimethanil	Protector 400 SC EcoFog-160 (Post harvest thermofogging) Botrynil	5.0	0 [Post Harvest - treatment (PHT)] Pre-harvest application 0-14 days before harvest for control of post-harvest decay for apples intended for cold storage without receiving post-harvest fungicide application	5.0	0 [Post Harvest - treatment (PHT)] Pre-harvest application 0-14 days before harvest for control of post-harvest decay for apples intended for cold storage without receiving post-harvest fungicide application	15.0	15.0	15.0 Pome fruit	7.0 Fruits (pomaceous)		15.0 (Pome fruit)	
	Support 400 SC Source 400 SC		35		35							
Pyrimethanil +	Pyrinon 500 SC Dinil 500 SC	5.0	21	5.0	21	15.0	15.0	15.0	7.0 Fruits (pomaceous)		15.0 (Pome fruit)	
Dithianon		2.0		2.0		3.0	3.0	5.0 Pome fruit	5.0 Fruits (pomaceous)		1.0 (Pome fruit)	Canada (0.1) India 0.1 [Indonesia 1.0] [Iran 1.0] [Malaysia 1.0] [Mauritius 1.0] [Oman 1.0] [Singapore 1.0] [Thailand 1.0] Switzerland 0.3 Vietnam 1.0




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Pyrimethanil +	Flint Star FILUM 520 SC FISSION 520 SC	5.0	35	5.0	35	15.0	15.0	15.0	7.0 Fruits (pomaceous)		15.0 (Pome fruit)	
Trifloxystrobin		0.1		0.1		0.7	0.7	0.5 Pome fruit	0.5 Fruits (pomaceous)		0.7 (Pome fruit)	
Soybean oil	Mprove Oil	-	Dormant application only	-	Dormant application only	0.01	-	Exp.	-		-	
Spinetoram	Delegate 250 WG	0.05	7	0.05	7	0.2 EU MRL 0.15 from 27/01/2022 EU Commission Regulation 2021/1110	0.2	0.2	0.05 Fruits pomaceous		0.05 (Pome fruit)	
Spinetoram +	Elevate 360 SC	0.05	7	0.05	7	0.2 EU MRL 0.15 from 27/01/2022 EU Commission Regulation 2021/1110	0.2	0.2	0.05 Fruits pomaceous		0.05 (Pome fruit)	
Methoxyfenozide		1.5				2.0 (Unpublished Sante 10552/2021, proposed new MRL 0.01)	2.0	2.0 Pome fruit	-		2.0 (Pome fruit)	Taiwan 1.5
Spinosad	Tracer 480 SC Entrust Naturalyte 800 WP GF-120 NF FF 240 FRUIT FLY BAIT Cura Fly Fruit Fly Bait	0.01	30 0 1	0.01	30 Max. 4 applications 0 Multiple bait applications 1	0.3	0.3	0.2 Pome fruit	0.1 Fruits (pomaceous)		0.1	

HORTGRO

Growing Fruit IQ



MAXIMUM RESIDUE LIMITS FOR PERMISSIBLE CHEMICALS

APPLES

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Spinosad +	STATIC Spinosad ME	0.01	1	0.01	1	0.3	0.3	0.2 Pome fruit	0.1 Fruits (pomaceous)		0.1	
	Methyl eugenol	-		-		No MRL required	-	Exp.	-		-	
Sulfoxaflor	Closer 240 SC	0.3	7	0.3	7	0.4	0.4	0.5 Pome fruit	-		0.3 (Pome fruit)	Switzerland -
Sulphur	Kumulus WG Thiovit Jet Flowable Sulphur Lime Sulphur Liquid Concentrate Striker Sulfostar Microthiol Special Dusting sulphur Casovet Striker SC Ciplapol S 320 Sulfomaxx Sulfolux Tosul WG Sulphur 800 WDG Sunflo 800 SC	50.0	0	50.0	0	No MRL required	No MRL required	Exp.	RNR (Exp.)		-	Indonesia - Iran - Malaysia Exp. Mauritius - Taiwan Exp. Vietnam - Canada -
Taufluvalinate	Klartan 240 EW Klaxon 240 EW	0.05	60	0.05	60	0.3	0.3	-	0.2 Fruits (pomaceous)		-	China - Hong Kong - India - Indonesia - Iran - Malaysia (0.01) Mauritius - Mexico - Saudi Arabia - Singapore - Taiwan - Vietnam -

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Thiabendazole	ICA-Thiabendazole 500 SC	6.0	PHT	4.0	PHT	4.0	4.0	5.0 (Pome fruit, Post harvest)	-	Contact relevant Ag-chem company to confirm	3.0 (Pome fruit)	China 3.0 Hong Kong 3.0 [India 3.0] [Indonesia 3.0] [Iran 3.0] [Malaysia 3.0] [Oman 3.0] Saudi Arabia 3.0 Thailand 0.1 Vietnam 3.0
	Thiabendazole 500 SC Thiazole 500 SC				Do not use on fruit, which is destined for export							
Thiacloprid Note: EU authorisation amendment/ possible related MRL implications pending.	Calypso Topstar Ag-Thiacloprid 480 SC Compare 480 SC Consult 480 SC Tallon 480 SC	1.0	14	0.3	28 (Max. 4 sprays)	0.3	0.3	0.3 Pome fruit	0.7 Fruits (pomaceous)		0.7 (Pome fruit)	Taiwan 0.3
Thiamethoxam Note: EU authorisation amendment/ possible related MRL implications pending.	Actara SC Thiatox 250 WDG Thiagam 250 WDG Thiamex 250 WG Devaxam 250 WG Thiatox Direct 250	0.02	119	0.02	119 Single application during last 2 weeks of September	0.3	0.3	0.2 Pome fruit	0.3 Fruits (pomaceous)		0.3 (Pome fruit)	
Sayonara 240 SC Thiamex 25 WG	119 Apply as drench application during the last 2 weeks of September											
Thidiazuron	Lift	-	Dormant application only	0.01	Dormant application only	0.01	-	-	-	Dormant application only	-	
Thiram	Thiram 750 WP	3.0	28	3.0	28	5.0 (as CS ₂ / or as thiram) (Unpublished Sante 10552/2021, proposed new MRL 0.05 - as Thiram)	5.0 (as CS ₂ / or as thiram)	5.0	5.0 Pomaceous fruit	Not later than 75% petal fall	5.0 (Pome fruit) (Dithiocarb.)	Iran 2.0 Oman restricted use Taiwan 2.5
	Ag-Thiram 800 WP Ram 75 WP		14		14							



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Trichoderma asperellum TRC900	Real Trichoderma	-	0	-	0	No MRL required	No MRL required	Exp.	-		-	
Trifloxystrobin *also refer to Pyrimethanil	Connect 500 WDG Unite 500 WDG	0.1	7	0.1	7 (Max. 3 sprays)	0.7	0.7	0.5 Pome fruit	0.5 Fruits (pomaceous)		0.7 (Pome fruit)	
	Flint Star*		35		35							
Triflumuron	Triflumuron 480	2.0	21	0.5	70 Do not apply more than 3 sprays per season	0.5	0.5	-	-		-	Canada (0.1) China 0.1 Hong Kong - India - Indonesia - Iran - Malaysia (0.01) Mauritius - Mexico - Saudi Arabia - Singapore - Taiwan - Vietnam -