

**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 2020 (PPM)	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	-	-		-	
(E, E)-8, 10-Deodecadien-1-ol	Disrupt CM-Extra	-	-	0.01	-	0.01	Exp.	-		-	
1-Methylcyclopropene	SmartFresh Fysium	≤ 0.01	PHT	≤ 0.01	PHT	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	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	Exp.	-		-	
		0.05				No MRL required					

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<b>Abamectin</b>	Mecti Sanamectin 18 EC Biomectin Unimectin 18 EC Abamec plus Agromectin Abalone 18 EC Agrimec Gold Makhromectin Zoro 36 EC Farmag Abamectin 18 EC Avermec 18 EC	0.01	14	0.01	14	0.03	0.02 Pome fruit	0.02 Seed type fruit	14	0.01 (Pome fruit)	
	As part of Voliam Targo (also see chlorantraniliprole) Epicure										
<b>Acetamiprid</b>	Mospilan 20 SG Magnitude 200 SP Maintain 200 SP Sharda Acetamiprid 200 SP Tampriid Devalan 20 SP Mosprid 20 SP Alicce 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	1.0 Pome fruit	0.8 Seed type fruit		0.8 (Pome fruit)	
<b>Acetamiprid +</b>	Cormoran 180 EC	0.5	28 Maximum 3 applications per season	0.4	28 Maximum 3 applications per season	0.4	1.0 Pome fruit	0.8 Seed type fruit		0.8 (Pome fruit)	
<b>Novaluron</b>				0.5		2.0					
<b>Acetamiprid +</b>	Acclima 240 EC	0.5	14	0.4	14	0.4	1.0 (Pome fruit)	0.8 Seed type fruit		0.8	
<b>Indoxacarb</b>		1.0				0.5					



# HORTGRO

Growing Fruit IQ

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		(PPM)	(Days)	(PPM)	(Days)	(PPM)	(PPM)	(PPM)		(PPM)	(PPM)
<b>Alpha-cypermethrin</b>	Alpha-Thrin 100 SC Polytrin Super Avalanche Sentry EC Fastac SC	0.5	14	0.5	14	1.0 (Cypermethrin/ isomers)	2.0 (pome, cypermethrin)	0.7 Seed type fruit		0.7 (Pome fruit, as cypermethrin including alpha- and zeta- cypermeth)	Oman restricted use
<b>Aviglycine HCL (Aminoethoxyvinylglycine Hydrochloride)</b>	Retain	0.1	7	≤0.01	7	0.01	0.08	-	Contact relevant Ag Chem company to confirm	-	
<b>Azadirachtin</b>	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	Exp.	-		-	Taiwan Exp.
<b>Azinphos-methyl</b>	Azinphos 350 WP Azinphos 200 SC Azinphos Methyl WP	0.4	14	0.05	56 Max. 4 applications	0.05 (Unpublished Sante 12092/2019, proposed new MRL 0.01)	-	2.0 Seed type fruit		-	Iran - Taiwan - Mexico - Oman prohibited use
<b>Bacillus Thuringiensis</b>	Agree 50 WP Thuricide WP DiPel DF Betapro	-	-	-	-	0.01	Exp.	RNR (Exp.)		-	
<b>Beauveria bassiana</b>	Bio-Insek	Exp.	-	Exp.	-	0.01	-	RNR (Exp.)		-	
<b>Benomyl</b>	Benomyl 500 WP Benomyl Farmag Benomyl 500 WP	3.0	14	0.2	Do not use after blossom	0.2	-	0.075 Pomefruit	Do not use after blossom	3.0 (Pome fruit, as carbendazim)	Oman prohibited use
<b>Beta-cyfluthrin</b> <span style="color: red; font-weight: bold;">Note: EU authorisation amendment/ possible related MRL implications pending.</span>		0.1	14	0.1	14	0.2 (Cyfluthrin/ isomers, Pome)	0.5 Pome fruit	0.2 Pomefruit		0.1 (as cyfluthrin)	



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Beta-cypermethrin	Akito	0.5	14	0.5	14	1.0 (Cypermethrin/ isomers)	2.0 (pome, cypermethrin)	0.7 Seed type fruit		0.7 (Pome fruit, as cypermethrin)	Iran - Oman restricted use
Bifenthrin	Seizer 80 SC	0.1	60	0.01	60	0.01	0.5	0.04 Pomefruit		-	Indonesia - Oman prohibited use
Bollworm Nucleopolyhedrovirus	Bolldex Graboll Helicovir	-	0	-	0	No MRL required	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 - Malaysia 0.01 Mauritius - Taiwan 0.3 Thailand - Vietnam -
Bupirimate	Nimrod* Notice 250 EC Nobel 250 EC Veto EW	0.5	14	0.2	28 Max. 3 applications	0.2 (Unpublished Sante 12558/2019, proposed new MRL 0.3)	-	0.1 Pomefruit		-	Canada (0.1) China - Hong Kong - India - Indonesia - Iran - Malaysia (0.01) Mauritius - Mexico - Saudi Arabia - Singapore - Vietnam -
Bupirimate +	Veto Plus	0.5	14	0.01	Not to be used after flowering	0.2 (Unpublished Sante 12558/2019, proposed new MRL 0.3)	-	0.1 Pomefruit	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		-			

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<b>Cadusafos</b>	Rugby 10 ME Rugby 10 G Rugby Hockey 100 EW Soccer 100 EW	≤0.01	0	≤0.01	0	0.01	-	-		-	Oman restricted use
<b>Captab/ Captan</b>	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	15.0	14	10.0	35	10.0	25.0	3.0 Pomefruit		15.0 (Pome fruit)	Oman prohibited use (Banned chemical - Vietnam MARD - Circular 3/2016/TT- BNNPTNT) 15.0 (In accordance with Codex Standards)
<b>Carbaryl</b>	Sevin XLR Plus Carbaryl 850 WP Karbaspay 850 WP	2.5	7	0.01	2 Applications no later than 28 days after full bloom	0.01	12.0 Pome fruit	0.05 Pomefruit		-	Oman prohibited use
<b>Chlorantraniliprole</b>	Altacor  As part of Voliam Targo (see also abamectin)	0.5	14 Max. 3 applications  14	0.5	14 Max. 3 applications	0.5	1.2 Pome fruit	0.5 Pomefruit		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]
<b>Chlorfenapyr</b>	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	-		-	

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<b>Chlorpyrifos</b>	Lirifos 480 EC Dursban 480 EC Dursban 750 WG 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	0.5 Pomefruit		1,0 (Pome fruit)	Oman restricted use
<b>Codling moth granulosis virus</b>	MADEX Carpovirusine GraCyd	-	5	-	5	Exp.	Exp.	-		-	
<b>Codling moth and Oriental fruit moth granulosis virus</b>	Madex Twin Madex Dual	-	-	-	-	-	-	-		-	
<b>Copper (Cu) Oxychloride and other Cu salts including Cupric hydroxide</b>	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	20.0	14	5.0	Not later than Greentip	5.0	Exp.	5.0 Pomefruit		-	China - Hong Kong - Indonesia - Malaysia Exp. Taiwan Exp.



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Growing Fruit IQ

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(PPM)	(Days)	(PPM)	(Days)	(PPM)	(Days)	(PPM)	(PPM)	(PPM)	(PPM)	(PPM)	(PPM)
<b>Cyanamide</b>	Dormex Deurbraak Bloomer Dorcy Cyan Cymex Alert 520 SL Liberate	0.05	Dormant application	0.01	Dormant application only	0.01	-	-		-	
<b>Cyantraniliprole</b>	Exirel 100 SE	0.5	7	0.5	7	0.8	1.5	-		0.8 Pome fruit	Hong Kong - Taiwan -
<b>Cyhexatin</b> (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 Apples and pears		0.2	Canada (0.1) Iran Banned Oman prohibited use Taiwan prohibited - 0.00
<b>Cypermethrin</b>	Cyperin Cypermethrin 200 EC Polytrin 200 EC Avi-Sipermetrin EC Kemprin 200 EC Bitrad Cypermethrin Farmag Cypermethrin Sipermetrien Cymet	0.5	14	0.5	14	1.0	2.0 Pome fruit	0.7 Seed type fruit		0.7 Pome fruit	Oman restricted use
<b>Cyprodinil</b>	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	1.7 Pome fruit	1.0 Pomefruit		2.0 Pome fruit	Indonesia 0.05 Saudi Arabia 0.05
<b>Deltamethrin</b>	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 Pome fruit	0.2 Seed type fruit		0.2	Mexico -
<b>Dichlorvos</b>	Devipan 100 EC	0.1	7	0.01	14	0.01	-	0.05 Pomefruit/ Seeded fruit		-	Oman prohibited use

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<b>Didecyldimethylammoniumchloride</b>	Sporekill Quattro-Kill Terminator Spore-Attack	20.0	0	0.1	<b>Do not use on export fruit</b> Contact relevant Ag-Chem company to confirm	0,1	-	-		-	Saudi Arabia -
<b>Difenoconazole</b>	Score Scope 250 EC D-Zole EC Defender 250 EC Sharda Difenoconazole 250 EC Divino 250 EC Sterin 250 EC Farmag Difenoconazole 250 EC Navigator 250 EC	0.2	14	0.2	28 Max. 4 applications	0.8	5.0 Pome fruit	1.0 Seed type fruit		4.0 (Pome fruit)	India 0.01 Canada (0.1)
<b>Diphenylamine</b>	Shield Liquid DPA No scald DPA Ecofog 100	10.0	PHT	0.05	<b>Not for use on fruit for EU</b>	0.05	10.0	10.0		10.0	
<b>Dithianon</b>	Delan Sense 660 WDG Nugget 660 WDG  Maccani Alaris WG Detect 400 SC Inspect 400 SC	2.0	21	2.0	21  28	3.0	5.0 Pome fruit	5.0 Seed type fruit		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
<b>Dithianon +</b>	Combine 160 WDG Combo 160 WDG	2.0	21	2.0	21	3.0	5.0 Pome fruit	5.0 Seed type fruit		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
<b>Trifloxystrobin</b>		0.1		0.1		0.7	0.5 Pome fruit	0.5 Seed type fruit		0.7 Pome fruit	



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<b>Dodine</b>	Antagon	1.0	14	0.9	14 Max. 3 applications	0.9	5.0	5.0 Seed type fruit		5.0 Pome fruit	
	Syllit				60 days for export market						
<b>Emamectin benzoate</b>	Promec 20 EW (in combination with Clarity)	0.01	28	0.01	28	0.02	0.025 Pome fruit	0.05 Seed type fruit		0.02 Pome fruit	
	Vitex 50 (In combination with Clarity) Proclaim (in combination with Insegar) Emma		21								
	Warlock 19.2 EC		14								
<b>Entomopathogenic nematodes for weevil and codling moth control</b>	Cryptonem	-	0	-	0	-	-	-		-	
<b>Esfenvalerate</b>	Sumi-Alpha 200 EC Sumi-Alpha 200 EW	0.5	14	0.1	42	0.1	1.0	0.1 Pomefruit		-	India - Indonesia - Malaysia (0.01) Mauritius - Saudi Arabia - Singapore - Thailand - Vietnam -
<b>Etoazole</b>	Smite	0.2	42 Single application only	0.07	65 Single application only	0.07	0.2 Pome fruit	-		0.07 Pome fruit	
<b>Fenazaquin</b>	Pride 200 SC Vanity 200 SC Superior 200 SC	0.05	30	0.05	30 Single application only	0.1	0.6 Pome fruit	0.2 Pomefruit		-	China - Hong Kong - India - Indonesia - Malaysia (0.01) Mauritius - Mexico - Singapore - Vietnam -

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Fenbuconazole	Indar 50 EW	0.1	14	0.1	14 Max. 4 applications	0.5	0.4	0.1 Seed type fruit		0.5 Pome fruit	
Fenbutatin oxide	Mitrus	2.0	14	0.01	14	0.01	15.0	5.0 Seed type fruit		5.0 Pome fruit	
Fenoxycarb	Insegar	1.0	21	0.7	21 1st or 2nd generation Max. 4 applications	0.7	-	1.0 Seed type fruit	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 Pome fruit	0.3 Pome fruit		0.2	
Fludioxonil	Scholar Teacher 230 SC Target 200 WDG	5.0	1	5.0	1	5.0	5.0 Pome fruit	5.0 Seed type fruit		5.0 Pome fruit	
Flufenoxuron	Pitch 100 DC Torrent 100 DC	0.05	75	0.05	75 Max. 3 sprays	0.5 (Unpublished Sante 10909/2018 & 12092/2019, proposed new MRL 0.01)	0.5 Import tolerance	-		-	China - India - Indonesia - Iran - Malaysia (0.01) Mauritius - Mexico - Singapore - Taiwan - Vietnam -

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Fluopyram + Tebuconazole	Luna Experience	0.6	28	0.6	28 Max.3 applications	0.6 (Unpublished Sante 10044/2020 proposed new MRL 0.8)	0.8	0.5		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
		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	0.1	14	0.01	42 Max. 4 applications	0.01	-	0.3 Seed type fruit		0.3 Pome fruit	
	Galactica		21								
Fluxapyroxad	Sercadis	0.05	56	0.05	56	0.9	0.8	-		0.9 Pome fruit	Hong Kong -
Formetanate	Dicarzol	0.05	100	0.01	Not after blossom	0.01	-	-		-	
Furfural	Crop Guard	0.1	0	0.1	0	1.0	-	-		-	China - Hong Kong - India - Indonesia - Iran - Malaysia (0.01) Mauritius - Mexico - Oman - Saudi Arabia - Singapore - Switzerland - Taiwan - Thailand - Vietnam -

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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)	0.3	0.1 Pomefruit	Contact relevant Agchem company to confirm	0.2 (Pome fruit, as cyhalothrin)	Oman restricted use
Gibberellins	Regulex 10 SG 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	Exp.	RNR (Exp.)		-	China - Hong Kong - India - Indonesia - Iran - Malaysia (0.01) Mauritius - Mexico - Singapore - Thailand - Vietnam -
Imidacloprid <b>Note:</b> 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	<0.05	Soil application: Apply after petal drop up to 21 days after flowering	0.05	Soil application: 1 Application after petal drop up to 21 days after full bloom	0.5	0.5	0.5 Pomefruit	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				120 Soil application		

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<b>Indoxacarb</b> <b>Note:</b> <b>EU authorisation amendment/ possible related MRL implications pending.</b>	Margin 300 WDG Doxstar flo Session 300 WDG	1.0	28	0.5	28 Max. 3 applications	0.5	1.0 (Pome fruit)	0.5 Pomefruit		0.5	Canada (0.1)
	Steward Margin 300 WDG Session 300 WD Indo 300 WDG InCide 300 WG Addition 150 SC Advance 150 SC				28 Max. 4 applications						
	Steward 150 EC				28 Max. 2 applications						
<b>Indoxacarb +</b>	Plemax	1.0	28	0.5	28	0.5	1.0 (Pome fruit)	0.5 Pomefruit	28	0.5	
<b>Novaluron</b>		0.5									
<b>Iprodione</b>	Prodione Rovral Aquaflo Iprodione 500 SC Taurus 500 SC Iproflo Pickle 500 SC Roflo	2.5	PHT	0.01	<b>Do not use (if exporting to EU) Contact relevant Ag-Chem Company to confirm</b>	0.01	-	5.0 Seed type fruit		5.0 (Pome fruit)	Canada (0.1)
<b>Kresoxim-methyl</b>	Stroby WG Vista Flo Kreso 50 WG Ardent 50 SC Kresoxim-methyl 500 WDG	0.1	45	0.1	45	0.2	0.5 (Pome fruit)	1.0 Seed type fruit		0.2 (Pome fruit)	

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<b>Lambda-cyhalothrin</b>	Karate EC Karate Zeon Judo 50 EC Lambda 50 EC Lambda EC Lamdex 5 EC Karate Zeon 10 CS Lambada aquamul Karis 5 CS	0.2	14	0.08	Contact relevant Ag-Chem company to confirm	0.08	0.3	0.1 Seed type fruit	Contact relevant Ag Chem company to confirm	0.2 (Pome fruit, as cyhalothrin, including lammba-cyhalothrin)	Oman restricted use
<b>Mancozeb</b> <b>Note:</b> <b>EU authorisation amendment/ possible related MRL implications pending.</b>	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 Crater 455 SC Mancozeb (L7352) Tozeb Flo Tozeb WP Unizeb 480 SC Villa Unizeb 750 WDG Villa Unizeb 800 WP	3.0	14	3.0	21	5.0 (as CS <sub>2</sub> )	0.6	5.0 Seed type fruit		5.0 (Pome fruit) (Dithiocarb.)	Iran 2.0 Mexico 0.6 Oman prohibited use Taiwan 2.5
<b>Maneb</b>	Manager SC Mangle SC Vandal	3.0	14	3.0	28	5.0 (as CS <sub>2</sub> )	-	5.0 Seed type fruit		5.0 (Pome fruit) (Dithiocarb.)	Iran 2.0 Mexico - Oman prohibited use Taiwan 2.5

## MAXIMUM RESIDUE LIMITS FOR PERMISSIBLE CHEMICALS

APPLES											
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<b>Mercaptothion/Malathion</b>	Datathion 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  <b>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</b>	0.02	8.0	0.5 Pomefruit		0.5	
<b>Metamitron</b>	Nevis™ 150 SC	0.01	56	0.01	56	0.1	-	-		-	
<b>Methodathion</b>	Suprathion 420 EC Methodathion 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	-	0.5 Seed type fruit		0.5	Iran Banned Mexico - Oman prohibited use  Taiwan -
<b>Methoxyfenozide</b>	Runner 240 SC Marksman 240 SC Walker 240 SC  Clarity	1.5	10  28	1.5	10  28	2.0	2.0 Pome fruit	-	10  28	2.0 (Pome fruit)	Taiwan 1.5
<b>Methyl-Parathion</b>	Droper 450 CS Pennacp-M	0.01	60	≤ 0.01	60 Apply during first codling moth generation only. Max 3 applications not later than 15 December	0.01	Tolerance withdrawn in USA	0.2 Seed type fruit		0.2	Iran Banned Oman prohibited use (Banned chemical - Vietnam MARD - Circular 3/2016/TT-BNNPTNT) 0.2 (In accordance with Codex Standards)



# HORTGRO

Growing Fruit IQ

## MAXIMUM RESIDUE LIMITS FOR PERMISSIBLE CHEMICALS

APPLES											
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		(PPM)	(Days)	(PPM)	(Days)	(PPM)	(PPM)	(PPM)		(PPM)	(PPM)
<b>Metiram</b>		3.0	14	3.0	28	5.0 (as CS <sub>2</sub> )	0.5	5.0 Seed type fruit, (Dithiocarb.)	Contact relevant Ag Chem company to confirm	5.0 (Pome fruit) (Dithiocarb.)	Iran 2.0 Mexico - Taiwan 2.5
<b>Milbemectin</b>	Milbeknock	0.01	7	0.01	7	0.02	-	-	14	-	
<b>Mineral oil</b>	Ampron Citrole 100 Citrole 60 Budbreak CROPChem 86% Winter oil Opron	-	Dormant application only	≤ 0.01	Dormant application only	-	-	-		-	
<b>Myclobutanil</b>	Rally 20 EW Validus 200 EW	0.2	14	0.2	14	0.6	0.5	0.5 Seed type fruit		0.6 (Pome fruit)	
<b>Novaluron</b>	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	3.0 Pome fruit	3.0 Seed type fruit		3.0 (Pome fruit)	
<b>Penconazole</b>	Topaz 200 EW Excalibur 200 EW Penconazole 200 EW Pencomax 200 EW Captain Avert 200 EW	0.1	14	0.1	14	0.15	-	0.2 Pomefruit		0.1	



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<b>Penconazole + Difenconazole</b>	Ethos 275 EW * Ethos 275 EC * Venture 275 EC * Quantum 275 EC *	0.1	14	0.1	28 Ma.x. 4 applications	0.15	-	0.2 Pomefruit		0.1	
		0.2		0.2		0.8	5.0 Pome fruit	1.0 Seed type fruit		4.0 (Pome fruit)	India 0.01 Canada (0.1)
<b>Pirimicarb</b>	Aphox Apex 500 WDG Unipex 500 WDG	0.5	14	0.5	14	0.5	-	2.0 Seed type fruit		1.0 (Pome fruit)	
<b>Potassium bicarbonate (also known as potassium hydrogen carbonate)</b>	Agri-Cure	-	0	-	0	No MRL required	Exp.	-		-	
<b>Prohexadione calcium</b>	Regalis Kudos 100 WDG Remax Regalis Plus	0	56	0	56	0.1	3.0 Pome fruit	0.5 Seed type fruit		-	
<b>Propargite</b>	Omite 30 WSB	2.0	7	0.01	Do not apply after 100% petal drop	0.01	-	3.0 Seed type fruit		3.0	Oman prohibited use Switzerland 1.5
<b>Propineb</b>	Antracol 70 WP	3.0	14	3.0	14	0.3 (as Propineb); 5.0 (as CS2)	-	5.0 Dithiocarb.		5.0 (Pome fruit) (Dithiocarb.)	Iran suspended pesticide Mexico -

**MAXIMUM RESIDUE LIMITS FOR PERMISSIBLE CHEMICALS**

APPLES											
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<b>Prothiofos</b>	Tokuthion® 960 EC	0.05	FST	0.01	Use during the dormant period before green tip	0.01	-	-		-	
<b>Pydiflumetofen (Adepidyn)</b>	Miravis	0.2	28	0.01	Contact relevant Ag-Chem company to confirm	0.01	0.2			-	
<b>Pyraclostrobin + Dithianon</b>	Maccani	0.02 2.0	28	0.02 2.0	28	0.5 3.0	1.5 Pome fruit 5.0 Pome fruit	0.5 Seed type fruit 5.0 Seed type fruit		0.7 Pome fruit 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
<b>Pyrimethanil</b>	Protector 400 SC EcoFog-160 (Post harvest thermofogging) Support 400 SC Source 400 SC Pyrimet 400 SC 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 Pome fruit	7.0 Seed type fruit		15.0 (Pome fruit)	

**MAXIMUM RESIDUE LIMITS FOR PERMISSIBLE CHEMICALS**

APPLES											
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Pyrimethanil + Dithianon	Pyrinon 500 SC Dinil 500 SC	5.0	21	5.0	21	15.0	15.0	7.0 Seed type fruit		15.0 (Pome fruit)	
		2.0		2.0		3.0	5.0 Pome fruit	5.0 Seed type fruit		1.0 (Pome fruit)	
Pyrimethanil + Trifloxystrobin	Flint Star FILUM 520 SC FISSION 520 SC	5.0	35	5.0	35	15.0	15.0	7.0 Seed type fruit		15.0 (Pome fruit)	
		0.1		0.1		0.7	0.5 Pome fruit	0.5 Seed type fruit		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	0.2	-		0.05 (Pome fruit)	
Spinetoram + Methoxyfenozide	Elevate 360 SC	0.05	7	0.05	7	0.2	0.2	-		0.05 (Pome fruit)	Taiwan 1.5
		1.5		2.0		2.0 Pome fruit	2.0 (Pome fruit)				
Spinosad	Tracer 480 SC Entrust Naturalyte 800 WP	0,01	30	0.01	30 Max. 4 applications	0.3	0.2 Pome fruit	0.1 Seed type fruit		0.1	
	GF-120 NF		0		0 Multiple bait applications						
	FF 240 FRUIT FLY BAIT		1		1						

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Spinosad +  Methyl eugenol	STATIC Spinosad ME	0.01	1	0.01	1	0.3	0.2 Pome fruit	0.1 Seed type fruit		0,1	
		-		-		No MRL required	Exp.	-		-	
Sulfoxaflor	Closer 240 SC	0,3	7	0.3	7	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 Sulgrain 800 WDG Sulfomaxx Sulfoplus Tosul WG	50.0	0	50.0	0	No MRL required	Exp.	-		-	Indonesia - Iran - Malaysia Exp. Mauritius - Taiwan Exp. Vietnam - Canada -
Taufluvinate	Klartan 240 EW Klaxon 240 EW	0.05	60	0.05	60	0.3	-	0.2 Pomefruit		-	China - Hong Kong - India - Indonesia - Iran - Malaysia (0.01) Mauritius - Mexico - Saudi Arabia - Singapore - Taiwan - Vietnam -

**MAXIMUM RESIDUE LIMITS FOR PERMISSIBLE CHEMICALS**

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Thiabendazole	ICA-Thiabendazole 500 SC	6.0	PHT	4.0	PHT	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 <b>Note:</b> 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 Pome fruit	0.7 Seed type fruit		0.7 (Pome fruit)	Taiwan 0.3
Thiamethoxam <b>Note:</b> EU authorisation amendment/ possible related MRL implications pending.	Actara SC Thiatox 250 WDG Thixam 250 WDG Thiamex 250 WG Devaxam 250 WG Thiatox Direct 250  Sayonara 240 SC Thiamex 25 WG	0.02	119	0.02	119 Single application during last 2 weeks of September  119 Apply as drench application during the last 2 weeks of September	0.3	0.2 Pome fruit	0.1 Pomefruit		0.3 (Pome fruit)	
Thiazuron	Lift	-	Dormant application only	0.01	Dormant application only	0.01	-	-	Dormant application only	-	
Thiram	Thiram 750 WP Thiram 75 WP	3.0	28	3.0	28	5.0 (as CS <sub>2</sub> / or as thiram)	5.0	0.01 (All food products)	Not later than 75% petal fall	5.0 (Pome fruit) (Dithiocarb.)	Iran 2.0 Oman restricted use Taiwan 2.5
	Ag-Thiram 800 WP		14		14						



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Trichlorfon	Trichlorfon 950 SP	0.2	10	0.01	Only for use in bait applications, not later than 75% petal drop	0.01	-	0.1 Pomefruit		-	
Trichoderma asperellum TRC900	Real Trichoderma	-	0	-	0	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	0.5 Pome fruit	0.5 Seed type fruit		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	-	-		-	Canada (0.1) China 0.1 Hong Kong - India - Indonesia - Iran - Malaysia (0.01) Mauritius - Mexico - Saudi Arabia - Singapore - Taiwan - Vietnam -
Zeta-cypermethrin	Fury 10 EW Fury	0.5	14	0.5	14	1.0 (Cypermethrin/ isomers)	2.0 Pome fruit	0.05 Pomefruit	Not later than 3 weeks after full bloom	0.7 (Pome fruit, as cypermethrin including alpha- and zeta-cypermeth)	Oman restricted use