


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 2018 (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	-	-		-	
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) Mexico - Singapore - Taiwan - Thailand - Vietnam -
6-benzyl adenine (BA)	MaxCel	0.2	No later than 3 weeks after full bloom	≤ 0.01	No 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	Elippa 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					
Abamectin	Mecti Sanamectin 18 EC Biomectin Unimectin 18 EC Abamec plus Agromectin Abalone 18 EC Agrimec Gold Makhromectin Zoro 36 EC Farmag Abamectin 18 EC As part of Voliam Targo (also see chlorantraniliprole)	0.01	14	0.01	14	0.03	0.02 Pome	0.02 Seed type fruit	14	0.01 (Pome fruit)	

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Acetamiprid	Mospilan 20 SG Magnitude 200 SP Maintain 200 SP Sharda Acetamiprid 200 SP Tampriid Devalan 20 SP	0.5	50	0.5	50 Or no later than 15 December Max. 2 applications	0.8 (Unpublished Sante/10617/2018, proposed new MRL 0.4)	1.0 (pome)	0.8 Seed type fruit		0.8 (Pome fruit)	
Acetamiprid + Novaluron	Cormoran 180 EC	0.5	28 Maximum 3 applications per season	0.5	28 Maximum 3 applications per season	0.8 (Unpublished Sante/10617/2018, proposed new MRL 0.4) 2.0	1.0 3.0	0.8 Seed type fruit 3.0 Seed type fruit		0.8 (Pome fruit) 3.0 (Pome fruit)	Taiwan -
Alpha-cypermethrin	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
Aviglycine HCL (Aminoethoxyvinylglycine Hydrochloride)	Retain	0.1	7	≤0.01	7	0.01	0.08	-		-	
Azadirachtin	NeemAzal	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.
Azinphos-methyl	Azinphos 350 WP Azinphos 200 SC Azinphos Methyl WP	0.4	14	0.05	56 Max. 4 applications	0.05	-	2.0 Seed type fruit		0.05	Iran - Taiwan - Mexico - Oman prohibited use
Bacillus Thuringiensis	Agree 50 WP Thuricide WP DiPel DF Betapro	-	-	-	-	0.01	Exp.	RNR (Exp.)		-	
Beauveria bassiana	Bio-Insek	Exp.	-	Exp.	-	0.01	-	RNR (Exp.)		-	

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Benomyl	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, as carbendazim)	Oman prohibited use
Beta-cyfluthrin		0.1	14	0.1	14	0.2 (Cyfluthrin/ isomers, Pome)	0.5 (pome)	0.2 Pomefruit		0.1 (as cyfluthrin)	Iran - Taiwan -
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, as cypermethrin)	Iran - Oman restricted use
Bifenthrin	Seizer 80 SC	0.1	60	0.01	60	0.01	0.5	0.04 Pomefruit	Before blossom only	-	Indonesia - Oman prohibited use
Bollworm Nucleopolyhedrovirus	Bolldex Graboll Helicovir	-	0	-	0	Exp.	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 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	-	0.1 Pomefruit		-	Canada (0.1) China - Hong Kong - India - Indonesia - Iran - Malaysia (0.01) Mexico - Singapore - Vietnam -

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Bupirimate +	Veto Plus	0.5	14	0.01	Not to be used after flowering	0.2	-	0.1 Pomefruit	Contact relevant Ag Chem company to confirm	-	Canada (0.1) China - Hong Kong - India - Indonesia - Iran - Malaysia (0.01) Mexico - Singapore - Vietnam -
		0.1				0.01		-			
Hexaconazole		≤0.01	0	≤0.01	0	0.01	-	-		-	Oman restricted use
Cadusafos	Rugby 10 ME Rugby 10 G Rugby Hockey 100 EW Soccer 100 EW	≤0.01	0	≤0.01	0	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	15.0	14	10.0	35	10.0	25.0	3.0 Pomefruit		15.0 (pome)	Oman prohibited use Vietnam - (Banned chemical)
Carbaryl	Sevin XLR Plus Carbaryl 850 WP Karbaspary 850 WP	2.5	7	0.01	2 Applications no later than 28 days after full bloom	0.01	12.0 (pome)	0.05 Pomefruit		-	Oman prohibited use
Chlorantraniliprole	Altacor	0.5	14 Max. 3 applications	0.5	14 Max. 3 applications	0.5	1.2 (pome)	0.5 Pomefruit		0.4 (pome)	Canada 0.4 [India 0.4] [Indonesia 0.4] [Iran 0.4] [Malaysia 0.4] [Oman 0.4] [Singapore 0.4] [Thailand 0.4] [Vietnam 0.4]
	As part of Voliam Targo (see also abamectin)		14								
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	-		-	

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Chlorpyrifos	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)	Oman restricted use
Codling moth granulosus virus	MADEX Carpovirusine GraCyd	-	5	-	5	Exp.	Exp.	-		-	
Codling moth and Oriental fruit moth granulosus virus	Madex Twin Madex Dual	-	-	-	-	-	-	-		-	
Copper (Cu) Oxychloride and other Cu salts including Cupric hydroxide	Fungi Flow Copper Oxychloride WP Farmag Copper Oxychloride Farmag Cu Super Coprox 850 WP Coprox Super Copper-Flow-Plus Copper Count-N Liquicop Demildex Copstar 120 SC	20.0	14	5.0	Not later than Greentip	5.0	Exp.	5.0 Pomefruit		-	China - Hong Kong - Indonesia - Malaysia Exp. Taiwan Exp.
Cyanamide	Dormex Deurbraak Bloomer Dorcy Cyan Cymex Alert 520 SL	0.05	Dormant application	0.01	Dormant application only	0.01	-	-		-	China - Hong Kong - India - Indonesia - Iran - Malaysia (0.01) Mexico - Oman prohibited use Singapore - Taiwan -
Cyantraniliprole	Exirel 100 SE	0.5	7	0.5	7	0.8	1.5	-		0.8 Pome fruit	Hong Kong - Taiwan -

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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 Apples and pears	Use only prior to fruitset or post harvest	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	0.5	14	0.5	14	1.0	2.0 (pome)	0.7 Seed type fruit		0.7 (pome)	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	1.7 (pome)	1.0 Pomefruit		2.0 (Pome)	Indonesia 0.05 Vietnam 0.05
Deltamethrin	Decis Forte Delta-Thrin 25 EC Celtis 25 EC Delmet 250 EC Servus 25 EC	0.1	EC-7 SC-14	0.1	EC-7 SC-14	0.2	0.2 (pome)	0.2 Seed type fruit	No later than 3 weeks after full bloom	0.2	Mexico -
Didecyldimethylammonium chloride	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	-	-		-	
Difenoconazole	Score Scope 250 EC D-Zole EC Defender Sharda Difenoconazole 250 EC Divino 250 EC Sterin 250 EC Farmag Difenoconazole 250 EC	0.2	14	0.2	28 Max. 4 applications	0.8	5.0 (pome)	1.0 Seed type fruit	Not later than 75% petal fall	0.8 (pome)	India 0.01 Canada (0.1)

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Diphenylamine	Shield Liquid DPA No scald DPA Ecofog 100	10.0	PHT	0.1	Not for use on fruit for EU	0.1 EU MRL 0.05 from 01/05/2019 EU Commission Regulation 2018/1515	10.0	10.0		10.0	
Dithianon	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	5.0 Seed type fruit		1.0 (pome)	Canada (0.1) India 0.1 [Indonesia 1.0] [Iran 1.0] [Malaysia 1.0] [Oman 1.0] [Singapore 1.0] [Thailand 1.0] Switzerland 0.3
Dithianon + Trifloxystrobin	Combine 160 WDG	2.0	21	2.0	21	3.0	5.0 Pome	5.0 Seed type fruit		1.0 (pome)	Canada (0.1) India 0.1 [Indonesia 1.0] [Iran 1.0] [Malaysia 1.0] [Oman 1.0] [Singapore 1.0] [Thailand 1.0]
		0.1		0.1		0.7	0.5 Pome	0.5 Seed type fruit		0.7 Pome	
Dodine	Antagon Syllit	1.0	14	0.9	14 Max. 3 applications 60 days for export market	0.9	5.0	5.0 Seed type fruit		5.0 (pome)	
Eamectin benzoate	Promec 20 EW (in combination with Clarity) Vitex 50 (In combination with Clarity) Proclaim (in combination with Insegar) Emma Warlock 19.2 EC	0.01	28 21 14	0.01	28 14	0.02	0.025 (Pomefruit)	0.05 Seed type fruit		0.02 Pome fruit	

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Entomopathogenic nematodes for weevil and codling moth control	Cryptonem	-	0	-	0	-	-	-		-	
Esfenvalerate	Sumi-alpha	0.5	14	0.1	42	0.1	1.0	0.1 Pomefruit		-	India - Indonesia - Malaysia (0.01) Singapore - Thailand
Etoazole	Smite	0.2	42 Single application only	0.07	65 Single application only	0.07	0.2 (pome)	-		0.07 (Pome)	
Fenazaquin	Pride 200 SC Vanity 200 SC Superior 200 SC	0.05	30	0.05	30 Single application only	0.1	0.2 Import tolerance	0.2 Pomefruit		-	China - Hong Kong - India - Indonesia - Malaysia (0.01) Mexico - Singapore - Vietnam -
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)	-
Fenbutatin oxide	Mitrus	2.0	14	2.0	14	2.0 (Unpublished Sante 10154/2018, proposed new MRL 0.01)	15.0	5.0 Seed type fruit		5.0 (pome)	
Fenoxycarb	Insegar	1.0	21	1.0	21 1st or 2nd generation Max. 4 applications	1.0	-	1.0 Seed type fruit	Not later than 75% petal fall	-	Canada (0.1) China - Hong Kong - India - Indonesia - Iran - Malaysia (0.01) Mexico - Singapore - Taiwan 0.01
Fludioxonil	Scholar Teacher 230 SC	5.0	1	5.0	1	5.0	5.0 (pome)	5.0 Seed type fruit		5.0 (pome)	

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Flufenoxuron	Pitch 100 DC Torrent 100 DC	0.05	75	0.05	75 Max. 3 sprays	0.5	0.5 Import tolerance	-		-	China - India - Indonesia - Iran - Malaysia (0.01) Mexico - Singapore - Taiwan - Vietnam -
Fluopyram +	Luna Experience	0.6	28	0.6	28 Max.3 applications	0.6	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] Mexico 0.3 [Oman 0.5] [Singapore 0.5] Taiwan 0.5 [Thailand 0.5]
Tebuconazole		0.3		0.3		0.3	0.05			1.0	Canada 0.1 Mexico 0.05
Flusilazole	Flusilazole 100 EC Intensive 100 EW Manage 100 EW Elustar WG Galactica	0.1	14 21	0.01	42 Max. 4 applications	0.01	-	0.3 Seed type fruit		0.3 (Pome fruit)	
Fluxapyroxad	Sercadis	0.05	56	0.05	56	0.9	0.8	-		0.9	Hong Kong -
Formetanate	Dicarzol	0.05	100	0.01	Not after blossom	0.01	-	-		-	Mexico -
Furfural	Crop Guard	-	0	≤0.01	0	1.0	-	-		-	
Gamma-cyhalothrin	Vantex 60 CS	0.2	14	0.01	Contact relevant Agchem company to confirm	0.01 EU MRL 0.08 from 26/01/2019 EU Commission Regulation 2018/960	0.3	0.1 Pomefruit		0.2 (Pome fruit, as cyhalothrin)	Oman restricted use

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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.)		-	Canada (0.1) China - Hong Kong - India - Indonesia - Iran - Malaysia (0.01) Mexico - Singapore - Thailand - Vietnam -
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 Gold 350 SC Emit 700 WDG Cast 700 WDG	<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
Indoxacarb	Margin 300 WDG Doxstar flo Session 300 WDG Steward Margin 300 WDG Session 300 WD Indo 300 WDG Steward 150 EC	1.0	28	0.5	28 Max. 3 applications	0.5	1.0 (pome)	0.5 Pomefruit		0.5	Canada (0.1)
Indoxacarb + Novaluron	Plemax	1.0 0.5	28	0.5	28	0.5 2.0	1.0 (Pome fruit) 3.0 (Pome fruit)	0.5 Pomefruit 3.0 Seed type fruit	28	0.5 3.0 (Pome fruit)	

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Iprodione Note: EU authorisation/ MRL withdrawal pending, may affect late season fruit types	Prodione Rovral Aquaflo Iprodione 500 SC Taurus 500 SC Iproflo Pickle 500 SC Roflo	2.5	PHT	2.5	PHT	6.0 (Unpublished Sante 11836/2017, proposed new MRL 0.01)	-	5.0 Seed type fruit		5.0 (Pome fruit)	Canada (0.1)
Kresoxim-methyl	Stroby WG Kreso WDG Vista Flo Kreso 50 WG Ardent 50 SC	0.1	45	0.1	45	0.2	0.5 (Pome fruit)	1.0 Seed type fruit		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 Lambda aquamul Karis 5 CS	0.2	14	0.08	Contact relevant Ag-Chem company to confirm	0.1 EU MRL 0.08 from 26/01/2019 EU Commission Regulation 2018/960	0.3	0.1 Seed type fruit	Up to 3 weeks after full bloom	0.2 (Pome fruit, as cyhalothrin, including lambda-cyhalothrin)	Oman restricted use
Mancozeb	Dithane M-45 800 WP NT Dithane M-45 800 WP Dithane 750 WG Neotec Unizeb 800 WP Newzeb 800 WP Mancozeb 800 WP (L3517) Mancozeb 800 WP (L9169) 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	3.0	14	3.0	21	5.0 (as CS ₂)	0.6	5.0 Seed type fruit		5.0 (Pome fruit) (Dithiocarb.)	Iran 2.0 Mexico 0.6 Oman prohibited use Taiwan 2.5

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Maneb	Manager SC Mangle SC Vandal	3.0	14	3.0	28	5.0 (as CS ₂)	-	5.0 Seed type fruit		5.0 (Pome fruit) (Dithiocarb.)	Iran 2.0 Mexico - Oman prohibited use Taiwan 2.5
Mercaptothion/Malathion	Dataathion SC Mercaptothion 500 EC Avi-Merkaptotoks WP Fyfanon 440 EW	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	8.0	0.5 Pomefruit		0.5	
Metamitron	Nevis™ 150 SC	0.01	56	0.01	56	0.1	-	-		-	
Methodathion	Suprathion 420 EC Methodathion 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 -
Methoxyfenozone	Runner 240 SC Marksman 240 SC Clarity	1.5	10 28	1.5	10 28	2.0	2.0 (pome)	-	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	Tolerance withdrawn in USA	0.2 Seed type fruit		0.2	Iran Banned Oman prohibited use Vietnam (Banned chemical)

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Metiram		3.0	14	3.0	28	5.0 (as CS ₂)	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
Milbemectin	Milbeknock	0.01	7	0.01	7	0.02	-	-	14	-	
Mineral oil	Ampron Citrole 100 Citrole 60 Awakening oil Budbreak CROPChem 86% Winter oil Opron	-	Dormant application only	≤ 0.01	Dormant application only	-	-	-		-	
Myclobutanil	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)	
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	3.0 (pome)	3.0 Seed type fruit		3.0 (Pome fruit)	
Penconazole	Topaz 200 EW Excalibur 200 EW Penconazole 200 EW Pencomax 200 EW Captain	0.1	14	0.1	14	0.2 (Unpublished Sante 11715/2017, proposed new MRL 0.15)	-	0.2 Pomefruit		0.2 (Pome fruit)	
Penconazole +	Ethos 275 EW * Ethos 275 EC * Venture 275 EC *	0.1	14	0.1	28 Ma.x. 4 applications	0.2 (Unpublished Sante 11715/2017, proposed new MRL 0.15)	-	0.2 Pomefruit	Not later than 75% petal fall	0.2 (Pome fruit)	
Difenoconazole	Quantum 275 EC *	0.2		0.2		0.8	5.0 (pome)	1.0 Seed type fruit	* (42 days for Ethos 275 EW, Ethos 275 EC, Venture 275 EC and Quantum 250 EC)	0.8 (Pome fruit)	India 0.01 Canada (0.1)



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 2018 (PPM)	USA MRL (PPM)	Russian MRL (PPM)	Russian MRL Export Default Withholding Period (MOU terms) (Days)	Codex MRL (PPM)	MRL Notes (PPM)
Pirimicarb	Aphox Apex 500 WDG Unipex 500 WDG	0.5	14	0.5	14	0.5	-	2.0 Seed type fruit	Not after flowering	1.0 (Pome fruit)	
Potassium bicarbonate (also known as potassium hydrogen carbonate)	Agri-Cure	-	0	-	0	No MRL required	Exp.	-		-	
Prohexadione calcium	Regalis Kudos 100 WDG	0	56	0	56	0.1	3.0 (pome)	0.5 Seed type fruit		-	
Propargite	Omite 30 WSB	2.0	7	0.01	Do not apply after 100% petal drop	0.01	-	3.0 Seed type fruit	Not after flowering	3.0	Oman prohibited use Switzerland 1.5
Propineb	Antracol 70 WP	3.0	14	3.0	14	0.3 (as Propineb); 5.0 (as CS2)	-	5.0 Dithiocarb.		5.0	Iran suspended pesticide Mexico -
Prothiofos	Tokuthion® 960 EC	0.05	FST	0.01	Use during the dormant period before green tip	0.01	-	-		-	

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 2018 (PPM)	USA MRL (PPM)	Russian MRL (PPM)	Russian MRL Export Default Withholding Period (MOU terms) (Days)	Codex MRL (PPM)	MRL Notes (PPM)
Pyraclostrobin + Dithianon	Maccani	0.02	28	0.02	28	0.5	1.5 (pome)	0.5 Seed type fruit		0.5	
		2.0		2.0		3.0	5.0 (Pome)	5.0 Seed type fruit		1.0 (Pome fruit)	Canada (0.1) India 0.1 [Indonesia 1.0] [Iran 1.0] [Malaysia 1.0] [Oman 1.0] [Singapore 1.0] [Thailand 1.0]
Pyrimethanil	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)	7.0 Seed type fruit		15.0 (Pome fruit)	
Pyrimethanil + Dithianon	Pyrinon 500 SC 500 SC Dinil	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)	5.0 Seed type fruit		1.0 (Pome fruit)	Canada (0.1) India 0.1 [Indonesia 1.0] [Iran 1.0] [Malaysia 1.0] [Oman 1.0] [Singapore 1.0] [Thailand 1.0]

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 2018 (PPM)	USA MRL (PPM)	Russian MRL (PPM)	Russian MRL Export Default Withholding Period (MOU terms) (Days)	Codex MRL (PPM)	MRL Notes (PPM)
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)	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)	Switzerland -
Spinosad	Tracer 480 SC Entrust Naturalyte 800 WP GF-120 NF	0.01	30	0.01	30 Max. 4 applications	0.3	0.2 (pome)	0.1 Seed type fruit		0.1	
			0		0 Multiple bait applications						
Spinosad + Methyl eugenol	STATIC Spinosad ME	0.01	1	0.01	1	0.3	0.2 (pome)	0.1 Seed type fruit		0.1	
-						-	No MRL required	Exp.		-	
Steinernema Carpocapsae (Beneficial nematodes)	Nemasys C	-	0	-	0	-	-	-		-	
Sulfoxaflor	Closer 240 SC	0.3	7	0.3	7	0.4	0.5 (Pome)	-		0.3 (Pome fruit)	Switzerland - Taiwan -

 HORTGRO Growing Fruit IQ											
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 2018 (PPM)	USA MRL (PPM)	Russian MRL (PPM)	Russian MRL Export Default Withholding Period (MOU terms) (Days)	Codex MRL (PPM)	MRL Notes (PPM)
Sulphur	Kumulus WG Thiovit Jet Flowable Sulphur Lime Sulphur Liquid Concentrate Striker Sulfostar Microthiol Special Dusting sulphur Casovet Striker SC Ciplapol S 320 Sulgran 800 WDG	50.0	0	50.0	0	No MRL required	Exp.	-		-	Indonesia - Iran - Malaysia Exp. Taiwan Exp. Vietnam - Canada -
Taufluvinate	Klartan 240 EW	0.05	60	0.05	60	0.3	-	0.2 Pomefruit		-	China - Hong Kong - India - Indonesia - Iran - Malaysia (0.01) Mexico - Singapore - Taiwan - Vietnam -
Thiacloprid	Calypso Topstar Ag-Thiacloprid 480 SC Compare 480 SC Consult 480 SC	1.0	14	0.3	28 (Max. 4 sprays)	0.3	0.3 (pome)	0.7 Seed type fruit		0.7 (Pome fruit)	Taiwan 0.3
Thiamethoxam Note: EU authorisation amendment/ possible related MRL implications pending.	Actara SC Thiatox 250 WDG Thiamex 250 WDG Thiamex 250 WG Devaxam 250 WG Sayonara 240 SC	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)	0.1 Pomefruit		0.3 (Pome fruit)	
Thiazuron		-	Dormant application only	-	Dormant application only	0.01	-	-		-	

MAXIMUM RESIDUE LIMITS FOR PERMISSIBLE CHEMICALS

APPLES											
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Thiram	Thiram 750 WP Thiram 75 WP	3.0	28	3.0	28	5.0 (as CS ₂ 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						
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		-	
Trifloxystrobin *also refer to Pyrimethanil	Flint Star* Connect 500 WDG Unite 500 WDG	0.1	7	0.1	7 (Max. 3 sprays)	0.7	0.5 (pome)	0.5 Seed type fruit		0.7 (Pome fruit)	
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) Mexico - Singapore - Taiwan - Vietnam -
Zeta-cypermethrin	Fury 10 EW Fury	0.5	14	0.5	14	1.0 (Cypermethrin/ isomers)	2.0 (pome)	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