

**MAXIMUM RESIDUE LIMITS AND RECOMMENDED
WITHHOLDING PERIOD FOR DECIDUOUS FRUIT
INTENDED FOR PROCESSING PURPOSES**

- Information contained on these pages regarding restricted use of crop protection chemicals confirmed to be used by industry has been compiled from information presently available and is provided as guidance to industry. The Canning Fruit Producers' Association can however, not accept any liability for its accuracy or content and users who rely on this information do so at their own risk.
It is recorded that the producer must, however, follow the instructions and or directions of use as prescribed by the suppliers of the chemicals. The Canning Fruit Producers' Association shall in no way whatsoever be liable in regard of any claims by a producer resulting from and the use of the chemicals as recommended in terms hereof and/or the incorrect prescriptions and/or application of the chemicals.
- The Canning Fruit Industry will be using the Hearshaw and Kinnes Analytical Laboratory (Pty) Ltd in Cape Town for analysing purposes.
- Please note that this list only applies to products registered under Act 36 of 1947 for specific applications.
- The list is based on the most stringent EU and SA standards.

CHEMICAL NAME (Trade Name)	FRUIT TYPE	MAXIMUM RESIDUE LIMITS (mg/kg)	RECOMMENDED WITHHOLDING PERIOD (days)
(E)-8-Dodecen-1-yl acetate + (Z)-8-Dodecen-1-yl acetate	PEARS	0,01	–
	PEACHES	0,01	–
	APRICOTS	0,01	–
1- Methylcyclopropene	PEARS	0,01	Post Harvest Treatment
2-(1-NAPHHYL) Planofix	PEARS	0,10	–
6-BENZYL ADENINE MaxCel	PEARS	0,01	–
ABAMECTIN (Agrimec Gold) (Mecti) (Sanamectin) (Unimectin) (Abamec Plus) (Agromectin) (Affirm) (Abalone) (Epimek) (Vertimec) (Biomectin) (Zoro) (Makhromectin) (Part of Voliam Targo)	PEARS	0,01	14
ABAMECTIN (Agrimec Gold) (Zoro 36EC) (Epicure)	PEACHES	0,01	21
	PEACHES	0,01	5
ABAMECTIN (Agrimec Gold)	APRICOTS	0,02	21

CHEMICAL NAME (Trade Name)	FRUIT TYPE	MAXIMUM RESIDUE LIMITS (mg/kg)	RECOMMENDED WITHHOLDING PERIOD (days)
ACETAMIPRID (Mospilan) (Magnitude) (Maintain) (Sharda Acetamiprid)	PEARS	0,50	50(No later than 15 Dec)
ACETAMIPRID (Cormoran - refer Novaluron)	PEARS APRICOTS PEACHES	0,50 0,20 0,20	28 (Max 2 applications) 28 28
ACETAMIPRID (Doublestar 25 SL)	PEACHES	0,20	28
ALPHACYPERMETHRIN (Bonsul) (Avalanche) (Concord) (Sanamethrin) (Bestox) (Scentry EC) (Alpha-Trin) (Polythrin) (Fastac)	PEARS PEACHES PEACHES	0,50 0,20 0,20	14 14 3 (Fastac only)
AVIGLYCINE HCL ReTain	PEACHES	0,01	14
AZINPHOS-METHYL (Azinphos 200SC) (Azinphos 350 WP)	PEARS PEACHES APRICOTS	0,05 0,05 0,05	56 (Max 4 applications) 56 (Max 4 applications) 56 (Max 4 applications)
AZOXYSTROBIN (Ortiva)	PEACHES APRICOTS	2,00 2,00	1 1
AZADIRACHTIN (NeemAzal)	PEARS	0,01	24 hrs
BACILLUS THURIGIENSIS (Dipel DF) (Betopro)	PEACHES APRICOTS	—	0 0
BEAUVERIA BASSIANA (Broadband) (Eco-Bb)	PEACHES APRICOTS	—	0
BENOMYL (Benomyl) (Benomyl 500WP)	PEARS PEACHES APRICOTS	0,20 0,20 0,20	Not after full bloom Not after flowering Not after flowering
BETA-CYFLUTHRIN	PEARS	0,10	14
BETA-CYPERMETHRIN Akito	PEARS PEACHES	0,50 0,20	14 14
BIFENTHRIN (Talstar) (Seizer 80SC)	PEARS	0,01	Before blossom
BOLLWORM GRANULOSIS (Bolldex) (Graboll) (Helicovir)	PEARS PEACHES APRICOTS	— — —	0 0 0

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BUPIRIMATE (Nimrod)(Veto EW)	PEACHES	0,30	28
CAPTAB (Kaptan) (Orthocide) (Captan 800 WG) (Captab) (Captan) (Merpan) (Thor) (Sharda Captan)	PEARS PEACHES APRICOTS	3,00 6,00 6,00	35 Not after flowering 50
CADUSAFOS (Rugby 10ME) (Hockey 100EW) (Rugby 10G) (Soccer 100EW)	PEARS PEACHES APRICOTS	<0,01	0 Soil application
CARBARYL (Sevin XLR) (Karbaspray) (Carbaryl)	PEARS	0,01	Not later than 28 days after full bloom Max 2 application
CODLING MOTH (Gracyd) (Carpovirusine) (Madex) (Madex Dual, Madex)	PEARS	-	5
CHLORANTANILIPROLE (Ampligo) (Also refer Lambda-	PEACHES APRICOTS	1,00 1,00	28 28
CHLORANTANILIPROLE (Altacor) (Part of Voliam Targo) (Altacor)	PEARS PEACHES	0,50 1,00	14 14
CHLORFENPYR (Hunter) (Saber) (Savage)	PEARS PEACHES	0,01 0,01	Not later than fullbloom. There should be no fruitlets on tree
CHLORPYRIFOS (Chlorpyrifos) (Dursban 480 EC) (Dursban 750 WG) (Pyrifos) (Pyrinex) (Lorsban) (Lirifos) (Klub M5 Chlorpyrifos) (Phantom) (Agropyrifos)	PEARS PEACHES APRICOTS	0,01 0,01 0,05	Dormant application Dormant application Dormant application

CHEMICAL NAME (Trade Name)	FRUIT TYPE	MAXIMUM RESIDUE LIMITS (mg/kg)	RECOMMENDED WITHHOLDING PERIOD (days)
COPPER COMPOUNDS (Blitox) (Kocide) (Cungfu) (Cupravit) (Virikop) (Koprox) (Koppersprey) (Copperchlor) (Cuprox) (Copperjack) (Demildex) (Fungi Flow) (Rust) (Supercup)	PEARS PEACHES APRICOTS	5,00 5,00 5,00	Not later than green tip Not later than bud swell Not later than bud swell
CYHEXATIN (Acarstin Flo)	PEARS PEACHES	0,01 0,01	Use only prior to fruitset Use only prior to flowering
CYANAMIDE (Cyan) (Dormex) (Deurbraak) (Alert 520SL) (Dorcy) (Bloomer)	PEARS APRICOTS	0,01 0,05	Dormant application Dormant application
CYPERMETHRIN (Sipermethrin) (Cyperin) (Avi-Spermethrin EC) (Polythrin 200EC) (Kemprin 200EC) (Bitrad) (Cypermethrin 200EC)	PEARS PEACHES	0,50 0,20	14 14
CYPRODINIL (Chorus) (Mirano 50 WG)	APRICOTS PEACHES PEARS	2,00 2,00 0,10	2 2 74
DELTAMETHRIN (Decis Forte) (Celtis 25 EC) (Deltamethrin 25 EC) (Delta-Thrin) (Servus 25EC) (Ag-Deltamentrin 25EC)	PEARS PEACHES	0,10 0,10	EC-7 SC-14 21

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DIDECYLDIMETHYLAMMONIUM CHLORIDE (Terminator) (Quatro-Kill) (Spore-Attack) (Sporekill)	PEARS	0,10	Do not use on export fruit
	PEARS	0,10	Do not use on export fruit
	APRICOTS	0,10	82 Do not apply after fruit set
	PEACHES	0,10	82 Do not apply after fruit set
DIFENOCONAZOLE (Score) (D-zole 250EC) (Scope 250 EC) (Divino 250 (Defender) (Quantum) (Venture) (Sharda Difenconazole 250EC)	PEARS	0,20	28 (max 4 applications)
DIPHENYLAMINE (Shield Liquid DPA) (No Scald)	PEARS	0,10	Do not use on fruit for EU
DITHIANON (Delan) (Alaris) (Detect)	PEARS	2,00	21
DITHIANON + TRIFLOXYSTROBIN (Combine 160 WDG)	PEARS	2,00 0,10	28
DITHIANON + PYRACLOSTROBIN (Maccani)	PEARS	2,00 0,02	28
DODINE (Syllit 400SC) (Antagon)	PEARS	0,90	14 (max 4 applications)
EMAMECTIN BENZOATE Warlock Vitex 50	APRICOTS	0,02	21
	PEACHES	0,03	21
	PEARS	0,01	14
	PEARS	0,01	28
ESFENVALERATE (Sumi-Alpha)	PEARS	0,05	42
ETOXAZOLE (Smite)	PEARS	0,07	65
FALSE CODLING MOTH (Cryptogan) (Cryptex)	PEACHES	0.00	0
	APRICOTS		

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FENAMIPHOS (Nemacur) (Fenamiphos 400)	PEACHES	0,02	100
FENAZAQUIN (Pride) (Vanity) (Superior)	PEARS	0,05	30 Single application only
FENBUCONAZOLE (Indar 50EW)	PEARS PEACHES APRICOTS	0,10 0,50 1,00	14 (max 4 applications) 5 (max 4 applications) 5 (max 4 applications)
FENBUTATIN-OXIDE (Fenbutatin Oxide) (Mitrus)	PEARS PEACHES	2,00 0,05	14 Not after blossom
FENOXCARB (Insegar)	PEARS	1,00	21 (max 4 applicaions)
FLUDIOXONIL (Scholar) (Teacher 230 SC)	PEARS PEACHES APRICOTS	5,00 7,00 5,00	1 (Post harvest) 1 (Post harvest) 1 (Post harvest)
FLUDIOXONIL + PYRIMETHANIL (Tutor 500 SC)	PEACHES PEACHES APRICOTS APRICOTS	7,00 5,00 5,00 5,00	3 3 3 3
FLUFENOXURON (Pitch) (Torrent)	PEARS	0,05	75 (max 3 applications)
FLUOPYRAM + TEBUCONAZOLE (Luna Experience)	PEARS	0,50 0,30	21 (max 3 applications)
FLUSILAZOLE (Nustar) (Flusilazole) (Intensive) (Fluzilazole 100EW)	PEARS	0,01	42 (max 3 applications)
FLUXAPYROXAD (Sercadis)	PEARS	0,05	56
FURFURAL (Crop Guard)	PEARS PEACHES APRICOTS	0,01 0,01 0,01	0 0 0
GAMMA-CYHALOTHRIN (Vantex 60 CS)	PEARS PEACHES APRICOTS	0,01 0,01 0,01	Contact relevant Ag-Chem company

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GIBBERELLINS (Falgro 20 SP) (Falgro 4 SL) (ProGibb 4%) (ProGibb 40%) (Gibb Liquid 4)	PEARS	0,01	Early bloom application Forelle pears apply at 30-40% Bloom
HEXACONAZOLE	PEARS	0,01	Contact relevant Ag-Chem company
IMAZALIL + PYRIMETHANIL Philabuster	PEARS	2,00 5,00	Post Harvest
INDOXACARB (Steward)(Doxstar flo)	PEARS PEACHES	0,50 0,20	28 (Max 3 applications) 28 (Max 2 applications)
IPRODIONE (Iproflo)	PEARS (Rovral Aquaflo, Prodione, Taurus, Roflo, Pickle) PEACHES (Rovral Flo, Prodione, Iprodione 255) APRICOTS	2,00 5,00 5,00	Not after 75% petal fall 3 (Iproflo, Roflo) 5 (Rest) 3 (Iproflo, Roflo) 5 (Rest)
KRESOXIM-METHYL StrobyWG Ardent 50SC Vista Flo Kresoxim-methyl 500WDG Kreso 50 WG	PEARS	0,10	45
LAMBDA - CYHALOTHRIN (Karate) (Karate Zeon) (Judo 50 EC) (Lambda EC) (Lambda 50 EC) (Lamdex 5 EC)	PEARS PEACHES APRICOTS	0,10 0,20 0,20	28 28 28

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MANCOZEB Dithane M45) (Vondozeb) WG Neotec) (Villa Unizeb) (Mancozeb 800 WP) (Tsumeb) (Pennfluid 420 SC) (Miceb Super) (Tridex)	PEARS PEACHES APRICOTS	3,00 2,00 2,00	21 63 42
MANEB (Trimangol) (Vondac) (A294Manager SC - Pears only)	PEARS PEACHES APRICOTS	3,00 2,00 2,00	28 63 42
MEFENOXAM (Metalaxyl) (Ridomil Gold)	APRICOTS PEACHES	0,05 0,05	30 30
MERCAPTOTHION (Datathion) (Avi Mercaptothion) (Mercaptothion 500EC) (Avigard)	PEARS PEACHES APRICOTS	0,02 0,02 0,02	Bait application only Max concentration of 500ml/100l of 500EC formulation 28
METHOXYFENOZIDE (Runner) (Clarity)	PEARS	1,50	10 28
METHIDATHION (Methidahion 420 EC) (Ultrathion) (Suprathion 420 EC)	PEARS PEACHES APRICOTS	0,03 0,02 0,02	EC - Dormant application WP - 90% petal drop
METIRAM (Polyram Combi)	PEACHES APRICOTS	2,00 2,00	63 42
METHOMYL (Lannate) (Methomex) (Methomyl) (Kuik) (Methosan)	PEACHES	0,02	(28) Confirm with Ag-chem company
METHYL-PARATHION (Pennacap-M) (Droper)	PEARS	< 0,01	60 Max 3 applications not later than end November

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MINERAL OILS (Ampron) (Winter Oil) (Pestridol) (Citrole 60) (Citrole 100) (Wenfinex) (Orchex) (Sitrol) (Citrex) (Sunspray 6 E) (Ultra Fine Spray Oil)	PEARS APRICOTS PEACHES	0,01 0,01 0,01	Dormant application Dormant application Dormant application
MYCLOBUTANIL (Rally 20EW) (Validus)	PEARS	0,20	14
NOVALURON (Rimon) (Cormoran -see Acetamiprid)	PEARS APRICOTS PEACHES	0,05 0,50 0,50	84 (Max 4 applications) 28 28
OXAMYL (Vydate)	PEACHES	0,01	Early fruit set Soil application
PACLOBUTRAZOL (Avocet) (Cultar)	PEACHES	0,05	Post harvest, pre leaf drop
PENCONAZOLE (Topaz) (Excalibur) (Penconazole)	PEARS	0,10	14
PENCONAZOLE + DIFENCONAZOLE (Venture 275EC) (Ethos 275 EW, Ethos 275 EC) (Quatum) (D-zole)	PEARS	0,10 0,20	28 Max 4 applications 28 Max 4 applications
PIRIMICARB (Aphox)	PEACHES APRICOTS	1,50 3,00	21 21
PROCHLORAS (Octave) (Chronos) (Omega) (Mirage)	PEACHES APRICOTS	0,01 0,01	Not for use after blossom Not for use after blossom

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PROPARGITE (Omite)	PEARS PEACHES	0,01 0,01	Only post harvest on trees Only post harvest on trees
PROPICONAZOLE (Bumper) (Novel) (Tilt) (Propizole) (Practis) (PropiMax)	PEACHES APRICOTS	0,50 0,05	10 Not for use after blossom
PROCYMIDONE (Sumisclex) (Hit 500SC)	PEARS	0,01	Not later than 75% petal drop
PROTHIOFOS (Tokuthion)	PEACHES PEARS APRICOTS	<0,01 <0,01 <0,01	Dormant application Use before green tip Dormant application
PYMETROZINE Chess	PEACHES APRICOTS	0,03 0,03	28 28
PYRACLOSTROBIN (Maccari) (Pyrinon) (refer also)	PEARS	0,02	28
PYRIMETHANIL (ecoFog 160) (Protector 400SC) (Protector 400SC) (Protector 400SC)	PEARS PEARS PEACHES APRICOTS	 5,00 3,00	0 (Post harvest) 0 (Post harvest) 3 3
PYRIMEHANIL + DITHIANON (Pynon 500SC)	PEARS	5,00 2,00	35
PYRIMEHANIL + TRIFLOXYSTROBIN	PEARS	5,00 0,10	35
SPINETORAM (Delegate 250 WG)	PEARS PEACHES APRICOTS	0,05 0,10 0,10	7 7 7
SPINOSAD (Tracer 480SC) (Entrust Naturalyte) (GF-120 NF Fruit fly bait)	PEARS PEACHES ALL CROPS	0,01 0,05 0,01	21 (max 4 applications) 21 (max 4 applications) 1
SPINOSAD + (Static Spinosad ME)	PEACHES APRICOTS	0,01	1
STEINERNEMA (Nemasys C)	PEACHES	–	0

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SULFOXAFLOR Closer 240 SC	PEACHES PEARS	0,04 0,30	14 7
SULPHUR (Striker) (Kumulus) (Thiovit Jet) (Microthiol Special) (Sulgran) (Sulfostar) (Cosavet) (Flowable Sulphur)	PEARS PEACHES APRICOTS	50,0 50,0 50,0	0 0 0
TAUFLUVALINATE (Klartan)	PEARS PEACHES	0,05 0,02	60 60
THIACLOPRID (Calypso) (Alanto) (Topstar) (Ag-Thiacloprid)	PEACHES PEARS	0,10 0,30	60 (max 4 applications) 28 (max 4 applications)
THIDIAZURON (Lift)	PEARS	0,00	Dormant application
THIRAM (Pomarsol) (Topsin Flo) (Thiulin) (Thiram 75WP) (TMTD) (Royalflo)	PEACHES APRICOTS	2,00 2,00	Not after blossom Not after blossom
TRICHLORFON Danex Trichlorfon	PEARS PEACHES APRICOTS	0,01 0,01 0,01	Bait application only, not later than 75% petal drop
TRIFLUMURON	PEARS	0,50	70 (Max 3 applications)
TRIFLOXYSTROBIN (Flint 50 WG) (Connect) (Unite) (Flintstar, Filium 520 SC– also	PEARS	0,10	14 (Max 3 sprays) 35
ZETA-CYPERMETHRIN (Fury 10EW)	PEARS PEACHES	0,50 0,20	14 14