

# FUNGICIDES

## NEW ZEALAND RESIDUE COMPLIANCE INFORMATION FOR FRESH GREENHOUSE TOMATOES 2025

ACTIVE INGREDIENTS	TRADE NAME EXAMPLES	AGRICHEMICAL GROUP	FRAC	REGISTERED ON INDOOR TOMATO?	WITHHOLDING PERIOD (Days)	MAXIMUM RESIDUE LIMIT (mg/kg)	RESTRICTED ENTRY INTERVALS (REIS)
AMETOCTRADIN	Zapro	Triazolo-pyrimidylamine	45	N	off-label	0.10	
AZOXYSTROBIN	Atlantis Flo, Inspire, Orbit, Roxy, Amistar, Avior 250 SC, Tazer	Methoxy-acrylates	11	N	off-label	0.01 {97}	
BACILLUS AMYLOLIQUEFACIENS	Triplex, Clarity	Microbial	44	Y	not required	exempt	
BACILLUS SUBTILIS	Donaghys Foliactive, Bacstar, Serenade Optimum, Serenade Prime	Microbial	44	N	not required	exempt	
BENZALKONIUM CHLORIDE	Surrender, Graphic Biocide, Winter Clean-up, Yield	n/a	n/a	Y (certain uses)	off-label	0.10	
BOSCALID	Colliss, Pristine	Pyridine-carboxamides	7	N	off-label	0.10	
BUPIRIMATE	Nimrod EW Fungicide, Neptune, Evito	Pyrimidine	8	N	off-label	0.10	
CARBENDAZIM	Chief, Carbenz, Goldazim 500 SC, MBC 500Flo, MBC 800WDG, Prolific, Protek	Benzimidazole	1	Y some TNPs	3	2.00 {186}	
CHLORINE DIOXIDE	Biospray, Oxine	n/a	n/a	Y	not required	exempt - Max use 10ppm	
CHLOROTHALONIL	Barrack Betterstick, Barrachlor 720, Blizzard 720SC, Bravo Weather Stik, Cavalry, Cannon, Cobra, Taratek 5F, ThaloniL, Cleaner, Phatip plus	Chloronitrile	M5	Y	7 to 14 days (depending upon product used)	5.00	
COPPER HYDROXIDE	Blue Shield DF, Champ DP, Champ Flo, Kocide Opti, ManKocide DF	Inorganic copper	M1	Y	not required	exempt	
COPPER OXIDE	Nordox 75 WG	Inorganic copper	M1	Y	not required	exempt	
COPPER OXYCHLORIDE	Agpro Copper Oxychloride 800 WP, Fruitfed Copper Oxychloride, Oxi-Cup 50WG	Inorganic copper	M1	Y	not required	exempt	
CYPRODINIL	Switch, Evoke, Renovo, Savvy 500 SC, Scylla	Anilino-pyrimidine	9	N	off-label	0.10	
DIFENOCONAZOLE	Cannon, Difference 250EC, Divino, Dyfen, Glacier, Score 250 EC, Score 10 WG, Tallos	Triazole	3	N	off-label	0.10	
DIMETHOMORPH	Cobra, Sovrin Flo, Sphinx Fungicide, Zampro	Cinnamic acid amide	40	N	off-label	0.10	
FLUOXAPIPROLIN	Xivana Prime	OSBPI	49	N (outdoor only)	off-label / 7 days?	0.09	
FLUAZINAM	Apex, Curalan, Gem Fungicide, Nando, Pinnacle, Nexus,	2,6-dinitro-aniline	29	N	off-label	0.02	
FLUDIOXONIL	Maxim, Switch, Wakil XL, Renovo, Nexus, Savvy 500 SC, Scylla, Fludio	Phenylpyrrole	12	N	off-label	0.10	
FLUOPYRAM	Luna Privilege	Pyridinyl-ethylbenzamides	7	Y	1	1.00	13 days
IPRODIONE	Ippon 500SC, Rapid 500, Rovral Aquaflor	Dicarboximide	2	Y	3	6.00	
KRESOXIM-METHYL	Colliss	Oximino-acetates	11	N	off-label	0.10	
MANCOZEB	Dithane Rainshield, Kotek, Ridomil Gold MZ WG, Supermanz, Promanz, Penncozeb DF, Manzeb	Dithiocarbamate	M3	Y	1, 2 or 3 days (depending upon product used)	7.00 {17}	
METALAXYL	Phytospear, Speartek, Ventura	Acyalanines	4	N	off-label	0.05 {75}	
METALAXYL-M (Mefenoxam)	Apron XL, Folio Gold, Ridomil Gold MZ WG, Ridomil Gold SL, Wakil XL	Acyalanines	4	Y	3	0.05 {75}	
MINERAL OIL	Excel Oil - Organic, DC-Tron Plus Organic, Organic JMS Stylet Oil, Enspray 99	Mineral oil	NC	N	off-label	exempt (paraffin oils)	
MYCLOBUTANIL	Validus 200EW	Triazole	3	N	off-label	0.10	
PHOSPHOROUS ACID/ INORGANIC PHOSPHOROUS	Agri-Fos 600, Foschek, Phosgard, Phostemic	Inorganic phosphorus/ Inorganic	P 07	N	not required	exempt	
POTASSIUM BICARBONATE	Ecocarb, K-pow	n/a	n/a	Y	not required	exempt	
PROCHLORAZ	Curator, Mirage 450 Fungicide, Octave, Sportak EW, Varicur 450EW	Imidazole	3	N	off-label	0.10	
PROCYMIDONE	Sumisclex 500SC	Dicarboximide	2	N	off-label	1.00	
PROPAMOCARB	Proplant, Infinito, Previcur-N	Carbamate	28	N	off-label	0.10	
PYRACLOSTROBIN	Comet, Pristine	Methoxy-carbamates	11	N	off-label	0.10	
PYRIMETHANIL	Botrynil, Apex	Anilino-pyrimidine	9	N	off-label	0.10	
SULPHUR	Kumulus DF, Microthiol Dispers, Organic Super Sulphur, Thiovit Jet, Unishield, Cosavet, Carafe, Hortcare Sulphur, Hortcare Lime Sulphur, Grochem Lime Sulphur	Sulphur compound	M2	Y - Vegetable claim for some products	not required	exempt	
THIOPHANATE-METHYL	Taratek 5F, Topsin M-4A, Phartip plus	Thiophanate	1	Y	3 - 7 days (depending upon product used)	2.00 {101}	
THIRAM	Thiram 40F, Thiram 80WDG	Dithiocarbamate	M3	Y	3	7.00 {17}	
TRIADIMENOL	Citadel, Vandia 250EC	Triazole	3	N	off-label	0.10	
TRICHODERMA ATROVIRIDE	Sentinel, Tenet, Unite	Fungus	BM 02	Y	not required	exempt	
TRIFLOXYSTROBIN	Luna Sensation, Flint	Oximino-acetates	11	N	off-label	0.10	Check website for off label use
TRIFORINE	Saprol	Piperazines	3	Y	3	2.00	

KEY	
Off-label	Use is off label - as such no WHP has been assessed.
Not required	WHP is not required as the active is exempt from MRLs.
Exempt	Active is exempt from the requirements to set an MRL.
NC	Not classified. Target site and code unknown.
TNP	Trade name products.
FRAC	Fungicide Resistance Action Committee is a specialist technical group of CropLife who provide fungicide resistance management guidelines to prolong the effectiveness of "at risk" fungicides and to limit crop losses should resistance occur: <a href="http://www.frac.info/about-frac/frac-guidelines">http://www.frac.info/about-frac/frac-guidelines</a> . Further information can be found in the resistance management tab.

MPI RESIDUE DEFINITION KEY	
17	As carbon disulphide, for ethylenebis- or dimethyl- dithiocarbamates
75	Metalaxyl, sum of isomers, including metalaxyl-M (mefenoxam)
97	Sum of parent plus its Z-isomer
101	Sum of benomyl and/or thiophanate methyl and carbendazim, expressed as carbendazim
186	Sum of carbendazim and thiophanate-methyl, expressed as carbendazim

**DISCLAIMER:** This document is not a legal instrument or advice. This information is solely based on domestic and internationally sourced data. While this information is based on the best data available, and has been collated with care, it is not possible to guarantee the accuracy of this information and is intended for reference only. For this reason, and because of variations in GAP, climatic conditions etc., Market Access Solutionz does not accept any responsibility or liability in respect of loss or damage arising from the use or misuse of information contained in this document. Growers must ensure that their use of agrichemicals is in accordance with NZ regulations including MRLs. It is the responsibility of exporters to comply with importing country legal requirements. Market Access Solutionz strongly recommends growers verify this information through residue tests before harvest. In addition, MRLs can be changed or updated without notice. No guarantees can be given that export MRLs will not be exceeded in all instances. It is therefore strongly recommended that this information be used in conjunction with residue monitoring to try and avoid residue breaches.

**PLEASE TURN OVER FOR INSECTICIDE INFORMATION**

# INSECTICIDES

## NEW ZEALAND RESIDUE COMPLIANCE INFORMATION FOR FRESH GREENHOUSE TOMATOES 2025

ACTIVE INGREDIENTS	TRADE NAME EXAMPLES	AGRICHEMICAL GROUP	IRAC	REGISTERED ON INDOOR TOMATO?	WITHHOLDING PERIOD (Days)	MAXIMUM RESIDUE LIMIT (mg/kg)	RESTRICTED ENTRY INTERVALS (REIS)
ABAMECTIN	Apostle, Avid, Invert EW, Verdex, Tripsol	Avermectin	6	Y	3	0.10 {108}	At least until dry. Off label, assess the risk based on 4 days for apples/pears
ACRINATHRIN	Tripsol	Synthetic Pyrethroid	3A	Y	3	0.10	Until dry
ALPHA-CYPERMETHRIN	Bestseller 100EC, Cypher, Dominex 100, Ken-Tac 100	Synthetic Pyrethroid	3A	N	off-label	0.10	Until dry
AZADIRACTIN	NeemAQ, Neem Azal-T/S, BioNeem, Naturally Neem	Biological	UN	Y	not required	exempt (insecticide)	
BACILLUS THURINGIENSIS	Agree WDG, Bactercide WG, Biobit DF, Dipel ES, Bactur	Biological	11A	Y	not required	exempt	
BEAUVERIA BASSIANA	Contego BB, Beaugenic, Beaublast	Biological	UNF	Y	not required	exempt	
BIFENTHRIN	Venom, Assail	Synthetic Pyrethroid	3A	N	off-label	0.05	
BUPROFEZIN	Applaud 40SC, Mortar, Ovation 50 WDG, Pilan 500Sc	Buprofezin	16	Y	3	0.50	
CARBARYL	Sevin Flo	Carbamate	1A	Y	1	3.00	17 days*
CHLORANTRANILIPROLE	Ampligo		28	N	off-label	0.10	
CHROMOBACTERIUM SUBTUGAE	Grandevo	Biological	NC	N	off-label	exempt	
CYANTRANILIPROLE	Benevia insecticide, Exirel insecticide, Minecto Star	Diamide	28	N	off-label	0.10	
CYPERMETHRIN	Ripcord	Synthetic Pyrethroid	3A	Y	3	0.10	
DELTAMETHRIN	Ballistic Insecticide, Deltaphar 25EC	Synthetic Pyrethroid	3A	N	off-label	0.05 {7}	
FATTY ACIDS (K SALTS)	Clenza, Natures Way Natrasoap Veggie Insect Gun, Protector	Fatty acids	n/a	N	not required	exempt (C8+)	
FLONICAMID	Mainman	Flonicamid	29	Y	off-label	0.10	
LAMBDA-CYHALOTHRIN	Ampligo, Cyhella, Halex, Kaiso, Karate Zeon, Lavron, Lavron 50WG	Synthetic Pyrethroid	3A	N	off-label	0.10	48 hours*
MINERAL and Non mineral OILS	D-C-Tron Plus (Organic) Spray Oil, Eco Oil EnSpray 99, Excel Oil, Excel Spring Oil, Organic JMS Stylet Oil	n/a	n/a	N	off-label	exempt (paraffin oils)	
PERMETHRIN	Ambush, Attack	Synthetic Pyrethroid	3A	Y	3	0.50 {7}	48 hours*
PIRIMICARB	Aphidex 800WG, Pirimor 50, Piritek, Prohive	Carbamate	1A	Y	3	1.00 {31}	Until dry
PIRIMIPHOS-METHYL	Actellic 50EC, Actellic Dust, Attack, Silo 500EC, Ambush	Organophosphates	1B	N	off-label	1.00	48 hours*
PYMETROZINE	Bravium, Chess WG, Endgame, Minecto Star, Worthide Xtra	Pyridine azomethine	9	Y	3	0.50	
PYRETHRINS	Beat A Bug, Pyganic, Pylon, ZETaPY	Pyrethroid	3A	Y	1	1.00	
PYRIPROXYFEN	Relent, Admiral	Pyriproxyfen	7	Y	1	1.00	
SPINETORAM	Sparta, Uphold	Spinosyns	5	N	off-label	0.02 {62}	
SPINOSAD	Entrust Naturalyte Insect Control	Spinosyns	5	N	off-label	0.05 {60}	
SPIROMESIFEN	Oberon, Optimite	Tetronic and Tetramic acid derivatives	23	Y	1	0.50	
SPIROTETRAMAT	Movento, Supremis 100SC, GroVentive	Tetronic and Tetramic acid derivatives	23	N	off-label	0.30 {90}	
SULFOXAFLOLOR	Transform	Sulfoximine	4C	Y - fruiting vegetable	1	1.00	
TEBUFENOZIDE	Approve 70 WP, Comic	Diacylhydrazines	18	N	off-label	0.10	
THIACLOPRID	Alpasso, Calypso	Neonicotinoid	4A	N	off-label	0.10	
VERTICILLIUM LECANII	eNtokill, eNtoblast	Biological	n/a	Y	not required	exempt	

\*These REIs apply from 10 June 2025

KEY	
IRAC	Insecticide Resistance Action Committee is a specialist technical group of the industry association CropLife International who provide insecticide resistance management guidelines. Further information can be found here: <a href="http://www.irac-online.org/modes-of-action/">www.irac-online.org/modes-of-action/</a> (refer to the resistance management tab).
UN	Compounds of unknown or uncertain mode of action.
UNF	Fungal agents of unknown or uncertain mode of action.

MPI RESIDUE DEFINITION KEY	
7	Sum of isomers or enantiomers or diastereomers
31	Sum of parent plus -desmethyl and -desmethylformamido metabolites
60	Sum of spinosyn A and spinosyn D
62	Sum of spinosyn J and spinosyn L
90	Sum of parent and its -enol metabolite
108	Sum of parent B1a and B1b components

**NOTES**

**SAFE USE OF AGRICHEMICALS, RESISTANCE MANAGEMENT & REFERENCES**  
It is very important that this poster is used in conjunction with the Residue Compliance Information booklet. Please see page 6 for guidance on safe use of agrichemicals, resistant management and links to websites for further information.

**REGISTERED ENTRY INTERVALS (REIS)**  
If there is no REI listed, check whether REIs apply to your product at <https://www.worksafe.govt.nz/topic-and-industry/hazardous-substances/regulations/restricted-entry-intervals-for-pesticides/>. For off label use of compounds where REIs apply on other crops, assess the risk as advised in the WorkSafe Guidance <https://www.worksafe.govt.nz/topic-and-industry/hazardous-substances/regulations/restricted-entry-intervals-for-pesticides-quick-guide/>. This can include the need to wear full or partial Protective Equipment (mask, gloves, covered arms etc).

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