Autumn/Winter Insecticide Guide 2024

Registered chemicals for broadacre crops in Western Australia

The insecticides listed in the tables within this guide can be used on any crop appearing on the chemical label, if the rate used does not exceed the highest rate that is registered for use on that crop.

There are many products with different trade names that contain the same active ingredient. This list is not exhaustive and does not imply any specific recommendations of brand names.

Unless otherwise specified, all insecticides listed are emulsifiable concentrates (EC). Other insecticide formulations are suspension concentrate (SC), wettable powder (WP), capsule suspension (CS), wettable granules (WG), emulsion (EW) dry flowable (DF) and water dispersible granules (WDG). Ultra-low volume (ULV) insecticides are not listed.

Read the chemical label before use and check label withholding periods for grazing or hay/silage/fodder production before application.

Please turn on punctuation if using a screen reader.

The information tabled is a guide only. Whilst every care has been taken in preparation of the information, some errors or omissions may have occurred.

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Control of canola seedling pests

Table 1: Registered insecticides for canola crop pests.

Insecticide active ingredient names are listed. Rates are millilitres per hectare (mL/ha) unless otherwise specified; g/L refers to grams per litre and n/a refers to not applicable.

Insecticide active ingredient	Green peach aphid ɣ	Bryobia mites	Balaustium mite	Redlegged earth mite ɣ	Lucerne flea	Vegetable weevil	Cutworm	Brown pasture looper	Rutherglen bug
Afidopyropen 100 g/L	50 ^	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Alpha-cypermethrin 100 g/L	n/a	n/a	400 §	50 or 100 *	n/a	400	n/a	n/a	n/a
Alpha-cypermethrin 250 g/L	n/a	n/a	160 §	20 or 40 *	n/a	160	n/a	n/a	n/a
Alpha-cypermethrin 300 g/L	n/a	n/a	135 §	20 or 35 *	n/a	135	n/a	n/a	n/a
Alpha-cypermethrin 400 g/L	n/a	n/a	100 §	13 or 25 *	n/a	100	n/a	n/a	n/a
Alpha-cypermethrin 500 g/L	n/a	n/a	80 §	10 or 20 *	n/a	80	n/a	n/a	n/a
Bifenthrin 100 g/L ∞	n/a	200	n/a	50-100 *	n/a	100-200	n/a	50-100	n/a
Bifenthrin 200 g/L ∞	n/a	100	n/a	25-50 *	n/a	n/a	n/a	25-50	n/a
Bifenthrin 250 g/L ∞	n/a	80 *	n/a	20-40 *	n/a	40-80	n/a	20-40 *	n/a
Chlorpyrifos 400 g/L and Bifenthrin 20 g/L	n/a	1000	1000	250-500	175-500	500-1000	1000	250-500	n/a
Chlorpyrifos 600 g/L and Bifenthrin 30 g/L	n/a	665	665	165-335	115-335	335-665	665	165-335	n/a
Chlorpyrifos 500 g/L	n/a	n/a	n/a	140-300 *	70	800	700-900	n/a	n/a
Cypermethrin 200 g/L	n/a	n/a	n/a	50-75	n/a	n/a	n/a	n/a	n/a
Deltamethrin 27.5 g/L	n/a	n/a	n/a	n/a	n/a	n/a	200	n/a	n/a
Diafenthiuron 500 g/L	n/a	n/a	n/a	400 or 600	300	n/a	n/a	n/a	n/a
Dimethoate 400 g/L	n/a	n/a	n/a	40-85	40-85	n/a	n/a	n/a	n/a
Esfenvalerate 50 g/L	n/a	n/a	n/a	50-70, 100 *	n/a	400-500	70	70	n/a
Gamma-cyhalothrin 150 g/L	n/a	n/a	16 or 24	8	n/a	n/a	n/a	n/a	30

Insecticide active ingredient	Green peach aphid ɣ	Bryobia mites	Balaustium mite	Redlegged earth mite ɣ	Lucerne flea	Vegetable weevil	Cutworm	Brown pasture looper	Rutherglen bug
Flonicamid 500 g/kg	100 g/ha ^	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Lambda-Cyhalothrin 240 g/L	n/a	n/a	n/a	10	n/a	n/a	n/a	n/a	38
Lambda-Cyhalothrin 250 g/L	n/a	n/a	n/a	9	n/a	n/a	n/a	n/a	36
Maldison 1000 g/L	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	500
Omethoate 290 g/L	n/a	120	n/a	100	100	n/a	n/a	n/a	n/a
Pirimicarb 500 g/kg	500 or 1000 g/ha ^ʊ	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Pirimicarb 800 g/kg	315 or 625 g/ha ^ʊ	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Sulfoxaflor 240 g/L	100-200 ^	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Sulfoxaflor 500 g/L	50-100 ^	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Symbols for Table 1

∞ There are additional concentrations of active available. Refer to Table 7.

* Label rates of chemicals can be applied on bare ground, post seeding and prior to seedling emergence.

ɣ These invertebrates have developed resistance to insecticides. To reduce risk of insecticide resistance, consider rotating mode-of-action chemical groups and adopting an integrated pest management strategy.

^ Insecticide is recommended to be applied with a wetting agent or methylated seed oil spray adjuvant; refer to label for further information.

ʊ Widespread resistance to pirimicarb has been reported in green peach aphid populations.

§ Rates of alpha-cypermethrin used to control vegetable weevils have been effective on balaustium mite.

Table 2: Seed dressing application for suppression or control of significant pests in canola.

All rates are per 100kg of seed.

Refer to label for dilution rate.

Insecticide active ingredient	Green peach aphid	Redlegged earth mite	Lucerne flea	Wireworm	Cutworm
Fipronil 500 g/L	n/a	400 mL	n/a	n/a	n/a
Imidacloprid 600 g/L	400 mL	400 mL	n/a	n/a	n/a
Thiamethoxam 350 g/L	300-600 mL	n/a	600 mL φ	600 mL £	n/a
Thiamethoxam 600 g/L	175-350 mL	n/a	350 mL φ	350 mL £	n/a
Thiamethoxam 210 g/L and Lambda-cyhalothrin 37.5 g/L	500-1000 mL #	1000 mL φ	1000 mL φ	1000 mL φ	n/a
Clothianidin 360 g/L and Imidacloprid 240 g/L	500 mL	500 mL φ	500 mL φ	500 mL	500 mL
Isocycloseram 100 g/L	n/a	400 mL φ	n/a	n/a	n/a

Symbols for Table 2

φ Chemical label states suppression of pest. Always monitor crop after emergence as seed applied insecticides may not suppress insect pests at high pressure levels.

£ Chemical label states protection from pest. Under high pressure levels consider complementary control measures.

Seed dressing should be applied at the higher rate where higher pest pressure is expected, or longer period of control required.

Blue oat mite

Generally, a minor pest in Western Australia and mostly controlled with chemical and rates used against redlegged earth mite.

Slugs and snails

For best results broadcast baits evenly over the paddock before crop emergence. If numbers are high use the highest registered baiting rate. Baits may need to be reapplied.

Two bait types are available:

- Metaldehyde: 50 g/kg active ingredient (a.i). Baiting rate 5-7.5 kg/ha.
- Iron either as iron EDTA (60 g/kg a.i.) or iron phosphate (9 g/kg a.i.). Baiting rate 5-16 kg/ha.

Control of lupin and some grain legume seedling pests

Table 3: Registered insecticides for autumn and winter lupin pests

Insecticide active ingredient names are listed. Rates are millilitres per hectare (mL/ha) unless specified otherwise; g/L refers to grams per litre and n/a refers to not applicable.

Insecticide active ingredient	Bryobia mites	Green peach aphid ʊ ɣ	Redlegged earth mite ɣ	Lucerne flea	Cutworm	Brown pasture looper
Alpha-cypermethrin 100 g/L ∞	n/a	n/a	50 or 100 *	n/a	75	n/a
Alpha-cypermethrin 250 g/L∞	n/a	n/a	20 or 40 *	n/a	30	n/a
Alpha-cypermethrin 300 g/L∞	n/a	n/a	25 or 30 *	n/a	25	n/a
Alpha-cypermethrin 400 g/L ∞	n/a	n/a	13 or 25 *	n/a	19	n/a
Alpha-cypermethrin 500 g/L ∞	n/a	n/a	10 or 20 *	n/a	15	n/a
Bifenthrin 100 g/L ∞ +	200	n/a	50-100 *	n/a	n/a	50-100
Bifenthrin 200 g/L∞ +	100	n/a	25-50 *	n/a	n/a	25-50
Bifenthrin 250 g/L ∞ +	80	n/a	20-40 *	n/a	n/a	20-40
Chlorpyrifos 400 g/L and Bifenthrin 20 g/L	n/a	n/a	250-500 *	250-500	n/a	250-500
Chlorpyrifos 600 g/L and Bifenthrin 30 g/L	n/a	n/a	165-335 *	165-335	n/a	165-335
Chlorpyrifos 500 g/L ∞	n/a		140 or 300 *	n/a	n/a	n/a
Cypermethrin 200 g/L∞	n/a	n/a	n/a	n/a	75	n/a
Cypermethrin 250 g/L∞	n/a	n/a	n/a	n/a	60	n/a
Deltamethrin 27.5 g/L	n/a	n/a	n/a	n/a	200	n/a
Dimethoate 400 g/L	n/a	n/a	55-250	55-85	n/a	n/a
Esfenvalerate 50 g/L	n/a	n/a	50-70, 100 *	n/a	70	35
Gamma-cyhalothrin 250 g/L	n/a	n/a	8	n/a	n/a	10
Lambda-cyhalothrin 240 g/L	n/a	n/a	10	n/a	n/a	13
Lambda-cyhalothrin 250 g/L	n/a	n/a	9	n/a	n/a	12
Omethoate 290 g/L	n/a	n/a	100	100	n/a	n/a

Insecticide active ingredient	Bryobia mites	Green peach aphid ʊ ɣ	Redlegged earth mite ɣ	Lucerne flea	Cutworm	Brown pasture looper
Pirimicarb 500 g/kg	n/a	250-300 g/ha ^ʊ	n/a	n/a	n/a	n/a
Pirimicarb 800 g/kg	n/a	160-190 g/ha ^ʊ	n/a	n/a	n/a	n/a

Symbols for Table 3

∞ There are additional concentrations of active available. Refer to Table 7.

* Label rates of chemicals can be applied on bare ground, post seeding and prior to seedling emergence.

ɣ These invertebrates have developed resistance to insecticides. To reduce risk of insecticide resistance, consider rotating mode-of-action chemical groups and adopting an integrated pest management strategy.

^ Insecticide is recommended to be applied with a wetting agent or methylated seed oil spray adjuvant; refer to label for further information.

ʊ Widespread resistance to pirimicarb has been reported in green peach aphid populations.

+ Bifenthrin at 180 g/L, 240 g/L and 300 g/L is also registered for control of redlegged earth mite, brown pasture looper, bryobia mites and blue oat mites.

Table 4: Seed dressing application for significant pests in lupins

All rates are per 100kg of seed. Refer to label for dilution rate.

Insecticide active ingredient	Green peach aphids	Redlegged earth mite	Blue oat mites
Imidacloprid 600 g/L	300 mL	300 mL	300 mL
Thiamethoxam 350 g/L	150 mL	n/a	n/a

Control of cereal seedling pests

Table 5: Registered insecticides for autumn and winter cereal crop pests.

Insecticide active ingredient names are listed. Rates are millilitres per hectare (mL/ha) unless specified otherwise; g/L refers to grams per litre and n/a refers to not applicable.

Insecticide active ingredient	Aphids ƿ	Russian wheat aphid	Cutworm	Lucerne flea	Redlegged earth mite ɣ	Webworm
Afidopyropen 100 g/L	50 ^	50 ^	n/a	n/a	n/a	n/a
Alpha-cypermethrin 100 g/L	125 ƿ	n/a	75	n/a	50 or 100 *	75
Alpha-cypermethrin 250 g/L	50 ƿ	n/a	30	n/a	20 or 40 *	30
Alpha-cypermethrin 300 g/L	40 ƿ	n/a	25	n/a	20 or 35 *	25
Alpha-cypermethrin 400 g/L	32 ƿ	n/a	19	n/a	13 or 25 *	19
Alpha-cypermethrin 500 g/L	25 ƿ	n/a	15	n/a	10 or 20 *	15
Bifenthrin 100 g/L	n/a	n/a	n/a	n/a	50-100	100
Bifenthrin 200 g/L	n/a	n/a	n/a	n/a	25-50	50
Bifenthrin 250 g/L	n/a	n/a	n/a	n/a	20-40	40
Chlorpyrifos 400 g/L and Bifenthrin 20 g/L	n/a	n/a	n/a	250-500	250-500	500
Chlorpyrifos 600 g/L and Bifenthrin 30 g/L	n/a	n/a	n/a	165-335	165-335	335
Chlorpyrifos 500 g/L	n/a	n/a	700-900	70	140	300
Cypermethrin 200 g/L	n/a	n/a	75	n/a	50-75	75
Cypermethrin 250 g/L	n/a	n/a	60	n/a	n/a	60
Deltamethrin 27.5 g/L	n/a	n/a	200	n/a	n/a	200
Dimethoate 400 g/L	500	n/a	n/a	55-85	55-85	n/a
Esfenvalerate 50 g/L	100-300	n/a	70	n/a	50-70, 100*	70
Gamma-cyhalothrin 150 g/L	10-15 ▪	35	10 or 15	n/a	8	10
Lambda-cyhalothrin 240 g/L ∞	13-19 ▪ ƿ	20-40 ^	13 or 19	n/a	10	13

Insecticide active ingredient	Aphids ƿ	Russian wheat aphid	Cutworm	Lucerne flea	Redlegged earth mite ɣ	Webworm
Lambda-cyhalothrin 250 g/L ∞	12-18 ▪ ƿ	40 ^	12 or 18	n/a	9	12
Omethoate 290 g/L	n/a	n/a	n/a	100	100	n/a
Phosmet 150 g/L	n/a	n/a	n/a	250-350	250-350	n/a
Pirimicarb 500 g/kg^2 (pest specific)	250-300 g/ha ^	n/a	n/a	n/a	n/a	n/a
Pirimicarb 800 g/kg^2 (pest specific)	160-190 g/ha ^	190 g/ha	n/a	n/a	n/a	n/a
Sulfoxaflor 240 g/L	50-100^	100 ^	n/a	n/a	n/a	n/a
Sulfoxaflor 500 g/L	25-50^	50 ^	n/a	n/a	n/a	n/a

Symbols for Table 5

∞ There are additional concentrations of active available. Refer to Table 7.

* Label rates of chemicals can be applied on bare ground, post seeding and prior to seedling emergence.

ɣ These invertebrates have developed resistance to insecticides. To reduce risk of insecticide resistance, consider rotating mode-of-action chemical groups and adopting an integrated pest management strategy.

ƿ Insecticides listed also registered for Barley Yellow Dwarf Virus (BYDV) control.

^ Insecticide is recommended to be applied with a spray adjuvant, see label for further details. Also registered on barley and wheat and does not specify BYDV control.

▪ Listed insecticides also act as anti-feed, reducing effects of aphid feeding damage.

Balaustium mite

The 1 L/ha rate of Chlorpyrifos 400 g/L and Bifenthrin 20 g/L is registered for use in wheat and barley for Bryobia mite. This rate is effective on Balaustium mite. Gamma-cyhalothrin is registered at 16 or 24 mL/ha in wheat and barley. Use the higher rate for more rapid knockdown.

Blue oat mite

Generally, a minor pest in Western Australia and mostly controlled with rates of insecticides used against redlegged earth mite.

Table 6: Seed dressing application for significant pests in cereals

All rates are per 100kg of seed. Refer to label for dilution rate.

Insecticide active ingredient	Aphids (including BYDV control)	Aphids for feeding damage	Russian wheat aphid	Redlegged earth mite	Lucerne flea	Desiantha weevil larvae
Imidacloprid 600 g/L ∞	120 or 240 mL #	120 or 240 mL #	120 mL	n/a	n/a	n/a
Thiamethoxam 350 g/L	100 – 200 mL #	100-200 mL #	100-200 mL #	n/a	n/a	n/a
Thiamethoxam 210 g/L and Lambda-cyhalothrin 37.5 g/L	n/a	165-330 mL #	n/a	330 mL φ	330 mL φ	n/a
Chlorpyrifos 500 g/L	n/a	n/a	n/a	n/a	n/a	120 mL

Symbols for Table 6

φ Chemical label states suppression of pest. Always monitor crop after emergence as seed applied insecticides may not suppress insect pests at high pressure levels.

Seed dressing should be applied at the higher rate where higher pest pressure is expected, or longer period of control required.

∞ There are additional concentrations of active available. These include imidacloprid at 180 g/L or 360 g/L in addition to a fungicide such as tebuconazole, triadimenol, metalaxyl-m and flutriafol. Refer to Table 7.

Insecticide active ingredients and equivalent trade names

Table 7: Insecticide trade names listed by active ingredient group

List may not be complete, check with your retailer. Read chemical label before use.

Insecticide group	Chemical names	Trade names
1A Carbamates	Pirimicarb 500 g/L	4Farmers, Aphidex, Apparent, Conquest Pirimidex, Farmalinx, Genfarm, Imtrade, Ozcrop, Piri-Ken, Pirimor, Rainbow, Titan Atlas
1A Carbamates	Pirimicarb 800 g/L	Aphidex 800
1B Organophosphates	Chlorpyrifos 400 g/L	Pyrinex Super (also contains Group 3A bifenthrin 20 g/L)
1B Organophosphates	Chlorpyrifos 500 g/L	4Farmers, AC Chop, Accensi, ACP, Agmerch, Agrocn, Agro-Essence, Apparent Dingo, APS, Arysta LifeScience, AW Cuft, Chemicide, Chlorban, Clip, Conquest, CropSure Sureban, David Grays, Echem, Ezycrop, Farmalinx Chlorpos, Genfarm, Grow Choice Generifos, Guangxin, Huilong, Imtrade, Kelpie Chlor-P, Kenso AgCare Kensban, Nufarm, Ozcrop, Pidgeon's Pest Controller, Rainbow, Relyon, Sabakem, Sabero, Sharda, Sinon, Smart, Spalding, Strike-out, SureFire Fortune, Task, Titan
1B Organophosphates	Chlorpyrifos 600 g/L	IA Outperform 630 Veriphy EC, Imtrade Outperform 630 EC. Both also contain Group 3A bifenthrin 30 g/L.
1B Organophosphates	Dimethoate 400 g/L	4Farmers, Accensi, Adama, Apparent Decimator, AW, Choice Di Met, Cropro Stalk, Danadim, Dimetholinx, Dimethon, Genfarm, Imtrade, Katar, Relyon, Rover, Titan
1B Organophosphates	Maldison 1000 g/L	Fyfanon
1B Organophosphates	Omethoate 290 g/L	Le-Mat, Imtrade Omen 290 Veriphy SL
1B Organophosphates	Phosmet 150 g/L	Imidan
2B Phenylpryazoles (Fiproles)	Fipronil 500 g/L	4Farmers, AC Emporium, Genfarm, Cosmos, Legion, Relyon. All are seed dressings.
3A Pyrethroids Pyrethrins	Alpha-cypermethrin 100 g/L	4Farmers, AC Ferocity, Accensi, Agvantage, Alphanex, Alpha Duop, Alpha-Scud Elite, Alphasip Duo, Apparent Annihilate, Astound Duo, AW Alf, Biotis, Campbell Antares, Chieftain Duo, Ciperkey, Conquest, Cropro Buzzard, Dominex Duo, Echem, Ezycrop, Farmalinx, FSA AlphaCy, Genfarm Alpha Duo, Genfarm Centaur, Gharda Alphaguard, Grass Valley, Halley, Hemani, Imtrade Dictate Duo, Indogulf, Ken-Tac, Maya Alfa, NovaGuard, Opal Alpha Due, Ozcrop Alpha C, Pacific, Rainbow, Rygel, Relyon Alpha Duo, Sabakem, Smart Ace, Titan Alpha Duo, Trump, Trio, Unichoice, WSD Alphacyper

Insecticide group	Chemical names	Trade names
3A Pyrethroids Pyrethrins	Alpha-cypermethrin 250 g/L	4Farmers, Agroshine Alpha-Cyp, Alphanex, Conquest Alpha Forte, Genfarm, Googly Alpha-Duo, Reylon Alpha, Rygel Alpha Forte
3A Pyrethroids Pyrethrins	Alpha-cypermethrin 300 g/L	Alpha-Scud 300, Apparent Alpha Omega 300, CropSure Alpha Cyper 300, IA Ellias 300, Imtrade Ellias 300, Titan 300
3A Pyrethroids Pyrethrins	Alpha-cypermethrin 400 g/L	Imtrade Ellias Plus 400
3A Pyrethroids Pyrethrins	Alpha-cypermethrin 500 g/L	Genfarm, Relyon Alpha Cypermethrin 500
3A Pyrethroids Pyrethrins	Bifenthrin 20 g/L	Pyrinex Super (also contains Group 1B chlorpyrifos 400 g/L)
3A Pyrethroids Pyrethrins	Bifenthrin 30 g/L	OutPerform 630EC (also contains Group 1B chlorpyrifos 600 g/L)
3A Pyrethroids Pyrethrins	Bifenthrin 100 g/L	AC Fortifen, Accensi, Agvantage, AW Agfen, Choice Bifendoff, Compel, Conquest Arrow, Albaugh Binder, Bisect, David Grays, Disect, Echem, Fenstar, Fenthrin, FSA, Genfarm, Imtrade, KDPC Bi-thrin, Rygel, Sabakem, Spalding, Starlet, Talstar, Tal-Ken, Titan, Venom
3A Pyrethroids Pyrethrins	Bifenthrin 180 g/L	Talstar LFR
3A Pyrethroids Pyrethrins	Bifenthrin 200 g/L	Tal-Ken BA 200
3A Pyrethroids Pyrethrins	Bifenthrin 240 g/L	Venom 240
3A Pyrethroids Pyrethrins	Bifenthrin 250 g/L	Apparent Stockade, Astral, Enviromax, Genfarm, Relyon, Starlet, Talstar, Titan
3A Pyrethroids Pyrethrins	Bifenthrin 300 g/L	4Farmers, Imtrade Bifenthrin Ultra
3A Pyrethroids Pyrethrins	Cypermethrin 200 g/L	Cypershield, Cyrux, Halley, Titan, WSD
3A Pyrethroids Pyrethrins	Cypermethrin 250 g/L	Accensi, Cyrux, Genfarm Cyper Plus, Hemthrin Plus
3A Pyrethroids Pyrethrins	Cypermethrin 260 g/L	AW
3A Pyrethroids Pyrethrins	Deltamethrin 27.5 g/L	Apparent, Ballistic Elite, Crop Pro D-Sect, Decis Options, Deltashield, Dicast, Halley Deltamethrin Duo
3A Pyrethroids Pyrethrins	Esfenvalerate 50 g/L	Sumi-Alpha Flex
3A Pyrethroids Pyrethrins	Gamma-cyhalothrin 150 g/L	Trojan
3A Pyrethroids Pyrethrins	Lambda-cyhalothrin 37.5 g/L	Colam, Cruiser Opti, Kenso AgCare Kenzar. All are seed dressings and also contain Group 4A Thiamethoxam 210 g/L.
3A Pyrethroids Pyrethrins	Lambda-cyhalothrin 240 g/L	Kaiso

Insecticide group	Chemical names	Trade names
3A Pyrethroids Pyrethrins	Lambda-cyhalothrin 250 g/L	4Farmers, AC Longbow, AgMerch, Agro-Essence, Arysta LifeScience, Conquest Lambda, Cyhella, Easyfarm Lambda, eChem Lambda, Ezycrop Lambda, Fizzle, Flipper, FSA, Hemani Lambda, Indogulf, Karate Zeon, Kick, Kung Fu, LW-Lambdathrin, Macro Protect, Matador with Zeon Technology, Miyagi, NAADCO, NAMBDA, Pilarmd, Profeng, Rainbow, Raystar, Sabakem Lambda, Submarino Lambda, Sunjoy Lambda-cyhalothrin, Sunrise Lambda-cyhalothrin, Taekwando, Titan, Unocaps
4A Neonicotinoids	Clothianidin 360 g/L	Genfarm Clothi-I, Poncho Plus, Relyon Clothianidin-I. All are seed dressings and also contain Group 4A imidacloprid 240 g/L.
4A Neonicotinoids	Imidacloprid180 g/L	4Famers Imid-Triadimenol, Foliarflo Plus, NuFarm Pontiac Seed Treatment, ProGuard Plus, ProLeaf Plus. All are seed dressings and contain additional fungicide active.
4A Neonicotinoids	Imidacloprid 360 g/L	Apparent Lad Ultra, Eureka!, Hombre Ultra, GenFarm Imidi T, Proguard Ultra, Titan. All are seed dressings and contain additional fungicide active.
4A Neonicotinoids	Imidacloprid 600 g/L	4Farmers, AC Impressor, Accensi, Agmate, Agricloprid, Agro-essence, Agroshine IMIDA600 seed treatment, Albaugh ALLEZ 600 seed treatment, Apparent Expunge, AW Inflict, AgMerch, Choice Immi, Conquest Imida, Emerge, EzyCrop, FSA, Famalinx Imi, Gaucho, Gaucho Red, Genero, GenFarm, Globachem's Imida, Guardian Red Seed, Guardian, Hemani, Immix, Kenso AgCare Radicle, Lookout, Mayaimida, NovaGuard, OzCrop, Rainbow, RedQueen, Sabakem, Senator, Smart, Sombrero, Sindor, Spalding, Submarino, Titan, Trio
4A Neonicotinoids	Thiamethoxam 210 g/L	Colam, Cruiser Opti, AgCare Kenzar. All are seed dressings and also contain Group 3A Lambda-cyhalothrin 37.5g/L.
4A Neonicotinoids	Thiamethoxam 350 g/L	Cruiser 350FS, Genfarm
4A Neonicotinoids	Thiamethoxam 600 g/L	Cruiser 600FS
4C Sulfoximine	Sulfoxaflor 240 g/L	Transform Isoclast
4C Sulfoximine	Sulfoxaflor 500 g/kg	Expedite, Transform WG Isoclast
9D Pyropenes	Afidopyropen 100 g/L	Versys
12A Diafenthiuron	Diafenthiuron 500 g/L	Diafuron, OzCrop, Pegasus, Receptor
29 Pyridincarboxamide	Flonicamid 500 g/kg	Mainman
30 GABA-gated chloride channel allosteric modulators	Isocycloseram 100 g/kg	Equento Insecticide seed treatment

Important Disclaimer

The Chief Executive Officer of the Department of Primary Industries and Regional Development and the State of Western Australia accept no liability whatsoever by reason of negligence or otherwise arising from the use or release of this information or any part of it.