

Seed dressing and in-furrow fungicides registered for use on wheat in Western Australia – 2024-25

This information is a guide only. Chemical labels should be read, and rates should be checked before using fungicides. Mention of trade names does not imply endorsement of any company's products. Recommendations are current at the time this page was prepared. Refer to footnotes for key to symbols. Turn on punctuation if using a screen reader.

Table 1 Seed dressing fungicide active ingredients and equivalent trade names registered for use on wheat foliar and seed-borne diseases. Lists may not be comprehensive – check with your retailer.

Seed dressing active ingredient (fungicide / insecticide). Rate of product/100 kg/seed	Covered smut (common bunt)	Loose smut	Flag smut (seed-borne)	Flag smut (soil-borne)	Stripe rust	Leaf rust	Septoria tritici blotch	White grain disorder (infected seeds)	Product examples by trade names
Carboxin + cypermethrin ^a	70/125–250g or mL	125/250g or mL	70/125–250g or mL	125–250g or mL	No registration	No registration	No registration	No registration	Vitaflo [®] C
Carboxin + thiram	250-500mL	500mL	250-500mL	500mL	No registration	No registration	No registration	No registration	Vitavax [®] 200FF
Difenoconazole + metalaxyl-M + sedaxane	90-180mL	180mL	90-180mL	90-180mL	No registration	No registration	No registration	No registration	**Vibrance [™] ,
Fluquinconazole	300-450mL	300-450mL	300-450mL	300-450mL	450mL	450mL	450mL ³	No registration	Jockey [®] Stayer [®] , Quantum Pro [®]
Flutriafol + cypermethrin ^a (Flutriafol + Imidacloprid ^a)	100g or mL *(400 mL)	100g or mL	No registration	100g or mL	No registration	Vincit [®] C, Vibrant [®] 25C, Veteran [®] C, Arrow [®] C, Armour [®] C, Apparent Flutriaflo 25 [®] , *(Veteran [®] Plus)			
Flutriafol + metalaxyl –M + imidacloprid ^a	400mL	400mL	400mL	400mL	No registration	No registration	No registration	No registration	Tri-Power [®] , Pontiac [®]
Flutriafol (with zinc)	400mL	400mL	400mL	400mL	No registration	No registration	No registration	No registration	Vincit [®] Zinc,
Fluxapyroxad	150mL	No registration	No registration	No registration	No registration	No registration	No registration	No registration	Systiva [®]
Ipconazole + cypermethrin ^a	100mL	100mL	100mL	100mL	No registration	No registration	No registration	No registration	Rancona [®] C
Ipconazole + metalaxyl	80mL	80mL	80mL	80mL	No registration	No registration	No registration	No registration	*Rancona [®] Dimension
Penflufen	40-80mL	40-80mL	40-80mL	40-80mL ³	No registration	No registration	No registration	No registration	EverGol [®] Prime
Penflufen + prothioconazole+ metalaxyl-M	(65mL)	130mL	130mL	130mL	No registration	No registration	No registration	65mL ³	**EverGol [®] Energy
Tebuconazole + cypermethrin ^a or triflumuron ^a	100g or mL	100g or mL	100g or mL	100g or mL	No registration	No registration	No registration	No registration	Proguard [®] T, Innova Tebuconazole 25C or T, Blaster [®] 25 C, Tebby-C [®] , Conquest Veto [®] 25C or T, SeedUp [®] , Raxil [®] T, Veto T, Tebu-C 25, Tebu-T, Apparent Tebuconazole 25C
Tebuconazole + imidacloprid ^a	200mL	200mL	200mL	200mL	No registration	No registration	No registration	No registration	Hombre [®] Ultra, Proguard [®] Ultra,
Triadimenol + imidacloprid ^a	400mL	400mL	400mL	400mL	400mL ³	No registration	400mL ³	No registration	Imid-Triadimenol 4 Farmers
Triadimenol + cypermethrin ^a or (triflumuron) ^a	100mL or (150mL)	No registration	No registration	No registration	Foliarflo [®] C Triadimenol 150, Phoenix [®] C, Vanguard [®] 150C, Seedpik 150C, *(Proleaf [®] T)				
Triticonazole + cypermethrin ^a	100 or *(75–150mL) ⁵	*(150mL) ⁵ , ³	*(75–150mL) ³	No registration	No registration	Premis [®] Pro C, *(Triticonazole 200) ⁵			

Notes

1. A no registration cell indicates that no products are registered for use in the disease specified
2. ®Registered trademark
3. ³Disease control up to 6 weeks and then disease suppression
4. *Rancona® Dimension @ 320 mL registered to use in suppression of crown rot, caused by *Fusarium pseudograminearum*
5. Actives or rates in brackets correspond to relevant product in brackets in the same row.
6. ** Vibrance™, Vibrance®. Extreme, and EverGol® Energy are registered for both suppression of *Fusarium head blight* and *White Grain* disorder.

Insecticides

1. ^aCypermethrin and triflumuron compounds (insecticides) are effective against insect pests of stored grain
2. ▲Hombre®, Hombre® Ultra, Proguard® Plus, Proleaf® Plus and Foliarflo® Plus are also registered for aphid control and the prevention of the spread of “barley yellow dwarf virus” (BYDV) cereal yellow dwarf virus (CYDV) in cereals crops
3. Emerge™, Genero 600, Imidacloprid 600, IMI-Flow 600, Nuprid® 600, Picus®, Savage 600, Senator® 600 Red and Guardian®, Imidacloprid 600 (imidacloprid as active constituent) @ 120 -240 mL has been registered as flowable seed treatment in control of aphids that transmit BYDV
4. Cruiser Opti from Syngenta which contains Lambda-cyhalothrin with thiamethoxam protect aphids that transmit barley yellow dwarf virus (BYDV) and cereal yellow dwarf virus (CYDV), red-legged earth mite and lucerne flea. Cruiser® 350FS contains only thiamethoxam also protect plants from spread of barley yellow dwarf virus (BYDV) and cereal yellow dwarf virus (CYDV).

Caution

Read the label before using any product as some seed dressing may reduce coleoptile length and cause emergence problems under some conditions. Apart from seed dressing deep sowing, surface crusting, short coleoptile varieties, soil temperature and trifluralin can also cause poor seedling emergence.

Table 2 Seed dressing fungicide active ingredients and equivalent trade names registered for use on wheat root diseases

Seed dressing active ingredient (fungicide/insecticide). rate /100 kg/seed	Take – all	Pythium spp.	Rhizoctonia	Crown rot	Product examples by trade names
Difenoconazole + metalaxyl-M + sedaxane	No registration	180-360mL	360mL ³	360mL ³	Vibrance™
Fluquinconazole	450mL ³	No registration	No registration	No registration	Jockey® Stayer®, Quantum Pro®
Ipconazole + metalaxyl-M	No registration	200mL ³	320mL ³	320mL ³	Rancona® Dimension
Flutriafol + Metalaxyl-M + imidacloprid ^a	No registration	400mL	400mL ³	No registration	Tri-Power®, Pontiac®
Fluxapyroxad	No registration	No registration	150mL ³	No registration	Systiva®
Penflufen	No registration	No registration	40-80mL ³	No registration	EverGol® Prime
Penflufen + Prothioconazole+ Metalaxyl	No registration	100mL ³	130-260mL ³	260mL	EverGol® Energy

Notes

1. No registration indicates that no products are registered for use in disease specified
2. ®registered trademark
3. ³Disease suppression.
4. EverGol® Prime, EverGol® Extreme are registered at 40-80mL/100kg and 130-260mL respectively as seed dressing in suppression of *Rhizoctonia* but for higher disease risk situations apply at higher rates. For split application as seed dressing plus in-furrow treatment (Refer to product label).

Table 3 In-furrow fungicide active ingredients and equivalent trade names registered for use on wheat foliar and seed-borne diseases

Active ingredient (fungicide/insecticide) applied as a fertiliser. Rate/ha	Covered smut (bunt)	Loose smut	Flag smut (seed - borne)	Flag smut (soil - borne)	Yellow spot suppression	Stripe rust	Leaf rust	Septoria tritici blotch	Product examples, by trade names
Azoxystrobin (322g/L) and Metalaxyl-M (124g/L)	No registration	No registration	No registration	No registration	300–400mL ³	200–400mL	No registration	No registration	Uniform ^{®3}
Flutriafol 250g/L	No registration	No registration	No registration	No registration	No registration	100-400mL	No registration	200mL	Impact [®] , Jubilee [®] , Bayonet [®] , Tricam [®] , Kenso Pollux [®] , Furrowfol [®] 250, Flutriafol 250 SC, Farmalinx Flufof [®] , FMC Flutriafol 250,
Flutriafol 500g/L	No registration	No registration	No registration	No registration	No registration	100 or 400mL	No registration	200mL	Impact [®] Endure, Conquest Bayonet Fert 500, Jubilee 500, AC Fearsome 500, Jubilee [®] Loaded, Genfarm Flutriafol Max, 4 Farmers Flutriafol 500 SC Intake [®] Combi Sapphire, Intake [®] HiLoad Gold
Triadimefon 500g/kg	No registration	No registration	No registration	No registration	No registration	200g ⁴	200g ⁴	No registration	4Farmers Triadimefon 500 dry or 500 WP ⁴

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1. No registration indicates that no products are registered for use in disease specified
2. [®] registered trademark
3. ³Disease suppression
4. ⁴4Farmers Triadimefon 500 dry and 500 WP are the only triadimefon product registered for suppression of wheat take-all and control of wheat stripe rust and leaf rust. Other triadimefon 500 WP or 500 WG products are only registered to use in control of wheat leaf rust.
5. Intake[®]Pro, Intake[®]Hiload Gold and Whitestar Flutriafol 500 are registered for a higher application rate for stripe rust than other flutriafol products of the same class.
6. Uniform[®] is registered for *Rhizoctonia* bare patch and root rot at 300-400 mL/ha applied as a liquid band in-furrow or with granular fertiliser. It can be applied for *Rhizoctonia* bare patch suppression at 200 mL/ha in combination with a seed dressing registered for *Rhizoctonia* bare patch suppression.

Table 5 In-furrow fungicide active ingredients and equivalent trade names registered for use on wheat root diseases

Active ingredient (fungicide / insecticide) applied as a fertiliser treatment. Rate of product/ha	Take – all	Pythium spp.	Rhizoctonia	Crown rot Suppression	Product examples, by trade names
Azoxystrobin (322g/L) and Metalaxyl-M (124g/L)	No registration	200 – 400mL/ha	300 ³ – 400mL/ha	No registration	Uniform ^{®6}
Flutriafol 250g/L	400mL/ha	No registration	No registration	No registration	Impact [®] , Jubilee [®] , Bayonet [®] , Tricam [®] , Kenso Pollux [®] , Furrowfol [®] 250, Flutriafol 250 SC, Farmalinx Flufof [®] , Intake [®] Combi Sapphire, FMC Flutriafol 250, Intake [®] HiLoad Gold,
Flutriafol 500g/L	200mL (200-400mL)/ha	No registration	No registration	No registration	Impact [®] Endure, Conquest Bayonet Fert 500, Jubilee 500, AC Fearsome 500, Jubilee [®] Loaded, Genfarm Flutriafol Max, Whitestar Flutriafol 500, 4 Farmers Flutriafol 500 SC, (Intake [®] Hiload Gold)
Triadimefon 500g/kg	200g/ha ^{4,3}	No registration	No registration	No registration	Mission Triadimefon 500 WG, Triad [®] 500 WP, Triadimefon 500, 4Farmers Triadimefon 500 dry or 500 WP ⁴ , Tee Fon [®] 500WP, Allfire Triadimefon 500 WP, 4 Farmers Triadimefon 125 EC,
Penflufen 38.4g/L + Prothioconazole 76.8g/L+ Metalaxyl 61.4g/L	No registration	300mL ³	200-300mL/ha ³	300mL/ha ³	EverGol [®] Energy
Penflufen 240g/L	No registration	No registration	60-120mL/ha ³	No registration	EverGol [®] Prime

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3. ³Disease suppression
4. ⁴4Farmers Triadimefon 500 dry and 500 WP are the only triadimefon product registered for suppression of wheat take-all and control of wheat stripe rust and leaf rust. Other triadimefon 500 WP or 500 WG products are only registered to use in control of wheat leaf rust.

5. Intake[®]Pro, Intake[®]Hiload Gold and Whitestar Flutriafol 500 are registered for a higher application rate for stripe rust than other flutriafol products of the same class.
6. ⁶Uniform is registered for *Rhizoctonia* bare patch and root rot at 300-400 mL/ha applied as a liquid band in-furrow or with granular fertiliser. It can be applied for *Rhizoctonia* bare patch suppression at 200 mL/ha in combination with a seed dressing registered for *Rhizoctonia* bare patch suppression. The **higher rate** provides control of *Rhizoctonia*.
7. EverGol[®] Energy Can be used for *Rhizoctonia* root rot suppression in combinations with 200mL/ha in-furrow plus 130ml/100 kg seed or 100-150mL/ha in-furrow plus 100-150mL/ha surface band.
8. EverGol[®] Prime Can be used against *Rhizoctonia* root rot suppression in combinations with 30-60mL/ha in-furrow plus 40ml/100 kg seed.

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Please inform Kithsiri Jayasena of any errors or omissions.

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Mention of trade names does not imply endorsement or preference of any company's product by Department of Primary Industries and Regional Development (DPIRD) and any omission of a trade name is unintentional. Recommendations are current at the time this page was prepared.

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