**Foliar Fungicides Registered for Use on Barley in WA – 2019-20**

# Updated 24 July 2019

This information is a guide only. Rates of registered products in mL/ha or g/ha. 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. Symbols used refer to example product trade names. Please inform Ciara Beard of any errors or omissions, ciara.beard@dpird.wa.gov.au.

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Active Ingredient** | **Leaf rust** | **Scald** | **Spot type net blotch** | **Net type net blotch** | **Powdery mildew** | **Example Product Trade Names** (® = registered trademark; other symbols refer to rates in the table for that specific product). | **Withholding Period**(Harvesting or Grazing, in weeks) |
| Azoxystrobin 200g/L +Cyproconazole 80g/L | 200-800 | No registration | 200-800 | 200-800 | 400-800 | Amistar® Xtra, Azoxy® Xtra, Azoxy® Cypro, Roxy® Xtra | Harvest-6, Grazing-3 |
| Azoxystrobin 75g/L +Epoxiconazole 75g/L | 420-840 | 420-840 | 420-840 Radial® only | 420-840 | 420-840 | Radial®,Serial® 150 EC | Harvest-6, Grazing-6 |
| Azoxystrobin 80g/L +Epoxiconazole 31.25g/L | 500-2000 | 1000-2000 | 500-2000 | 500-2000 | 500-2000 | Tazer® Xpert | Harvest-na, Grazing-3 |
| Azoxystrobin 120g/L +Epoxiconazole 100g/L | 313-625 | 313 | 313-625 | 313-625 | 313 | Avior Gold | Harvest-6, Grazing-6 |
| Azoxystrobin 120g/L +Tebuconazole 200g/L | 315- 630 | 315 | 315- 630 | 315- 630 | 315-630 | Veritas® fungicide, Custodia® | Harvest-6, Grazing-3 |  |
| Azoxystrobin 250g/L +Epoxiconazole 125g/L + Tebuconazole 125g/L | No registration | 250 | No registration | 250 | No registration | Triaxe® Fungicide | Harvest-6, Grazing-6 |  |
| Azoxystrobin 200g/L +Propiconazole 200g/L | 300-600 | No registration | 300-600 | 300-600 | 200-600 | Topnotch® | Harvest-6, Grazing-3 |  |
| Epoxiconazole 125g/L | 250–5001 & 2 | 250 1  | No registration | 250–500 1  | 250 1 | 1: Opus®125, Olympus®, Soprano®, Accord® 125, Rivet® 125, Epoxiconazole 125 (4Farmers/Accensi brands only), Epoxiguard® , Bachlor® 125SC, Epoxi® 125, Epoxy® 125CS, Epoxiprem® 125SC, Overture® , Epoxicon®2: Epoch®125 , Epoxiconazole 125 (all other brandnames), Swoosh® 125, Vindicate® 125SC | Harvest-6, Grazing-6 |
| Epoxiconazole 500g/L | 62.5-125 | 62.5 | 62.5-1251 | 62.5-125 | 62.5 | Epoxiconazole 500, Soprano® 500 1 | Harvest-not required when used as directed, Grazing-3 |
| Epoxiconazole 750g/kg | 42-84 | 42 | No registration | 42-84 | 42 |  Epoxy® 750 WG | Harvest-6, Grazing-6 |
| Epoxiconazole 800g/kg | 39-78 | No registration | No registration | No registration | No registration | Octopus® 800 WG, Epoxiconazole 800 WG  | Harvest-6, Grazing-6 |
| Epoxiconazole 62.5g/L+ Pyraclostrobin 85g/L | 500 | 500 | 500-1000 | 500-1000 | 500-1000 | Opera® | Harvest-0 if not applied after Z59, Grazing-3 |
| Flutriafol 250g/L | No registration | No registration | No registration | No registration | 250-500Fungicide resistance warning (see footer) | Bayonet®, Flutifol® 250, Flutriafol 250, Flufol®, Impact®, Jubilee®, Tricam®, Intake® Pro, Pollux®, Flout® 250, Futura® 250SC | Harvest-10, Grazing-10 |
| Flutriafol 500g/L | No registration  | No registration | No registration | No registration | 125–250 | Impact® Endure, Intake® combi sapphire, Jubilee® Loaded, Leda® 500, Jubilee® 500, Flutriafol max | Harvest-10, Grazing-10 |
| Fluxapyroxad 62.5g/L | 250-500 | 250-500 | 250-500 | 250-500 | 500-1000 | Imbrex® Fungicide | Harvest-0 if not applied after Z59, Grazing-2 |
| **Active Ingredient** | **Leaf rust** | **Scald** | **Spot type net blotch** | **Net type net blotch** | **Powdery mildew** | **Example Product Trade Names** (® = registered trademark; other symbols refer to rates in the table for that specific product). | **Withholding Period**(Harvesting or Grazing, in weeks) |
| Propiconazole 250g/L | 250–500 (Throttle® only) | 500 4Or 150–5006Rate varies for Propi conazole 250 brands – check labels | 5004 or250-5005 Or150–5006  | 250–500 5 (Tilt® and Genfarm Propiconazole 250 only) | 150–500Generally all products but check labels.Fungicide resistance warning (see footer) | 4: Aurora® 250, Bumper®, Cracker®, Detour®, Procon®, Propi® 250, Propicol®, Propicure®, Prestige®, Propiconazole 250 (all other brands) , Petulant® 250EC, Propeller® 250, Picaro® 250EC, Pace®, Restore®5: Tilt® 2506: Propiconazole 250 (Ravensdown, Titan brands only). Propicon® 250, Slipstream® | Harvest-4, Grazing-1  |
| Propiconazole 435g/L | No registration | 285 | 285 | No registration | 85–285 | Propimax®, Fitness® Fungicide | Harvest-4, Grazing-1 |
| Propiconazole 500g/L | 125-250 | 250 | 125-250  | 125-250 | 75-250 | Throttle® 500, Prop® 500, Propiconazole 500 | Harvest-4, Grazing-1 |
| Propiconazole 550g/L | No registration | 230 | 230  | No registration | 70-230 | Cracker Jack®, Propiconazole 550, Propicon® 550, Pacer® 550EC, Prestige® 550 | Harvest-4, Grazing-1 |
| Propiconazole 625g/L | No registration | 200 | 200 | No registration | 60-200 | Bumper® 625EC  | Harvest-4, Grazing-1 |
| Propiconazole 750g/L | No registration | 170 | 170 | No registration | 50-170 | Cracker Jack® 750EC  | Harvest-4, Grazing-1 |
| Propiconazole 250g/L + Cyproconazole 80g/L | 250-500 | 500 | 250 -500 | 250 - 500 | 150-500 | Tilt® Xtra | Harvest-6, Grazing-3 |
| Propiconazole 250g/L + Tebuconazole 250g/L | 125-250 | 250 | 125-250 | 125-250 | 125-250 | Cogito® |  Harvest-5,Grazing-2 |
| Prothioconazole 150g/L + Bixafen 75g/L | 400-500 | 300-500 | 300-500 | 300-500 | 300-500 | Aviator Xpro® | Harvest -0 if not applied after Z45, Grazing 4 |
| Tebuconazole 430g/L | No registration | 145 | No registration | No registration | 145-290Fungicide resistance warning (see footer) | Isis®, Laguna®, Launch, Orius®, Rebuke®, Zolo® Stingray®, Tebucol®, Tebucon®, Whirlwind®, Toledo, Tebazal®, Tebuconazole 430,Tripod®, Hornet® , Cure 430 Fungicide, Teboo 430SC, Tebby® 430, Folicur®, Tusk®, Tebcon® 430 SC | Harvest-5, Grazing-2 |
| Tebuconazole 750g/kg | No registration | 83 | No registration | No registration | 83-166Fungicide resistance warning (see footer) | Tebuconazole 750WDG, Buzz® Ultra 750 WG , Ultrateb® 750 WG | Harvest-5, Grazing-2 |
| Tebuconazole 800g/kg | No registration | 78 | No registration | No registration | 78-156Fungicide resistance warning (see footer) | Tebuconazole 800WG, Turbulence® 800WG | Harvest-5, Grazing-2 |
| Tebuconazole 225g/L + Flutriafol 75g/L | No registration | No registration | No registration | No registration | 200-400Fungicide resistance warning (see footer) | Impact Topguard® | Harvest-10, Grazing-10 |
| Tebuconazole 210g/L + Prothioconazole 210g/L | 150-300 | 150-300 | 150-300 | 150-300 | 150-300 | Prosaro® | Harvest-5, Grazing-2 |
| Tebuconazole 45g/kg + Sulphur 700 g/kg | No registration | 1370 | No registration | No registration | 1370-2750 | Unicorn® 745WG (for feed barley) | Harvest-5, Grazing-2 |
| Triadimefon 125 g/L | No registration | 1000 | No registration | No registration | 1000 Fungicide resistance warning (see footer) | Triadimefon 125, Slingshot®, Triad® 125, 4Farmers Triadimefon 125 | Harvest-4, Grazing-4 |
| Triadimefon 500g/L | No registration | No registration | No registration | No registration | 250Fungicide resistance warning (see footer) | Triadimefon 500 WP / WG | Harvest-4or 12 (check labels) |

**Fungicide resistance warning:** fungicide resistance compromises control of barley powdery mildew by flutriafol, tebuconazole and triadimefon based fungicides – these fungicides provide variable and often poor levels of control and may promote further mutations of the powdery mildew fungus. In powdery mildew prone areas, use another registered fungicide instead. Where possible it is best to use the currently effective fungicide actives only once per season to reduce selection pressure on the powdery mildew fungus. For further information see the DAFWA website https://www.agric.wa.gov.au/barley/management-barley-powdery-mildew-2016-fungicide-resistance .

Procure® is registered only for spot type net blotch in barley and none of the other diseases.

Read labels of fungicides with active ingredient Epoxiconazole 125g/L clearly as registrations vary, some are not registered for scald, powdery mildew or net-type net blotch

Read labels of fungicides with active ingredient Propiconazole 250g/L clearly as registrations and rates vary, many are not registered for leaf rust or net-type net blotch.

## Contact

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