

TITAN TYSON 8 COUNT HERBICIDE

TITAN TYSON 8 Count Herbicide is an Australian developed and easy to handle emulsifiable concentrate (EC) formulation of Prosulfocarb (800 g/L) and S-Metolachlor (120 g/L).

Delivering proven grass weed and broadleaf weed control or suppression in wheat and barley in incorporated by sowing (IBS) applications, or suppression of Annual Ryegrass (ARG) in these crops in early post-emergent (EPE) applications.

WHAT MAKES TITAN TYSON 8 UNIQUE?

TITAN TYSON 8 Count has been developed in Australia, with replicated trials across Australia's cropping landscape demonstrating bioequivalence to industry standards, as well as crop safety. TITAN TYSON 8 Count is a high quality, fully loaded formulation providing robust control of ARG, including resistant populations, even in marginal conditions, through two application methods, while also cleaning up a range of other grass and broadleaf weeds.

KEY FEATURES

- ✓ Flexibility of application timing: IBS and EPE
- ✓ Proven consistent weed control over solo Prosulfocarb products
- ✓ Controls Group 3 resistant ARG
- ✓ Excellent compatibility
- ✓ Proven crop safety, backed by replicated trials
- ✓ Australian developed formulation
- ✓ Group 15 mode of action

AT A GLANCE

USE PATTERNS:

- IBS - controls ARG including control of Group 3 resistant populations¹ in tank-mix with TITAN Treflan, while also controlling or suppressing various grass and broadleaf weeds in wheat and barley.
- EPE - suppression of ARG in wheat and barley.

FORMULATION:

Emulsifiable concentrate (EC)

ACTIVE INGREDIENTS:

800 g/L Prosulfocarb + 120 g/L S-Metolachlor

APPLICATION RATE:

Dependent on usage situation, weed species and pressure.

HERBICIDE MOA GROUP:

Group 15

WEED SPECTRUM

Controls ARG including control of Group 3 resistant populations¹; controls or suppresses various other grass and broadleaf weeds.

¹ Refer to product label for specific situations and rates.



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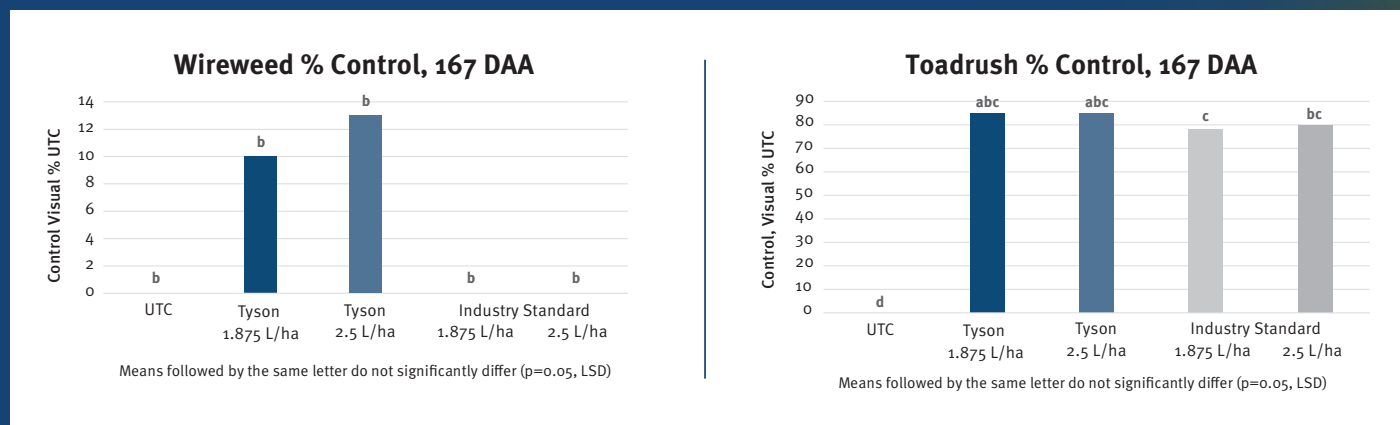
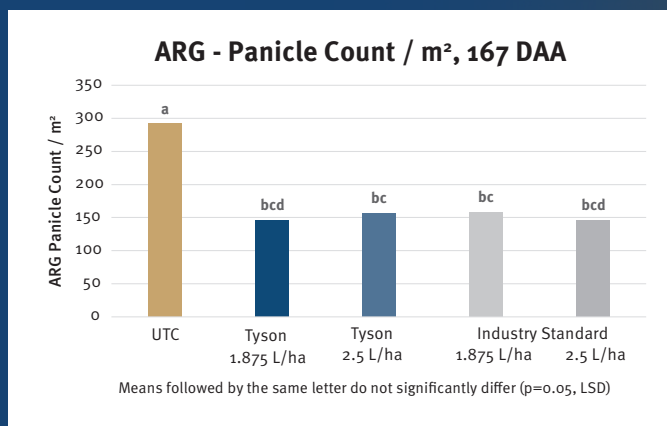
INDEPENDENT TRIAL DATA

IBS - WHEAT & BARLEY, VIC, MODERATE PRESSURE

A trial in Elmore, Vic, demonstrated bioequivalence and crop safety of TITAN TYSON 8 Count to industry standards in wheat and barley when applied as an IBS treatment.

Trojan wheat and Latrobe barley were direct drilled into a paddock with TT canola stubble from a previous crop. Seasonal conditions were ideal with 487 mm growing season rainfall and milder than average temperatures. A moderate density of ARG grew in the trial (UTC mean count of 67/m² at 36 days after sowing). This trial was conducted as a randomised complete block design by Mahony & Lonsdale.

TITAN TYSON 8 Count exhibited bioequivalence at the lower and higher label rates compared with the industry standard against ARG, Wireweed and Toadrush. Crop safety was also equivalent across all treatments, with an increase in biomass reduction only seen at the double label rates (not shown). Full crop recovery was evident at the 94 DAA assessment.

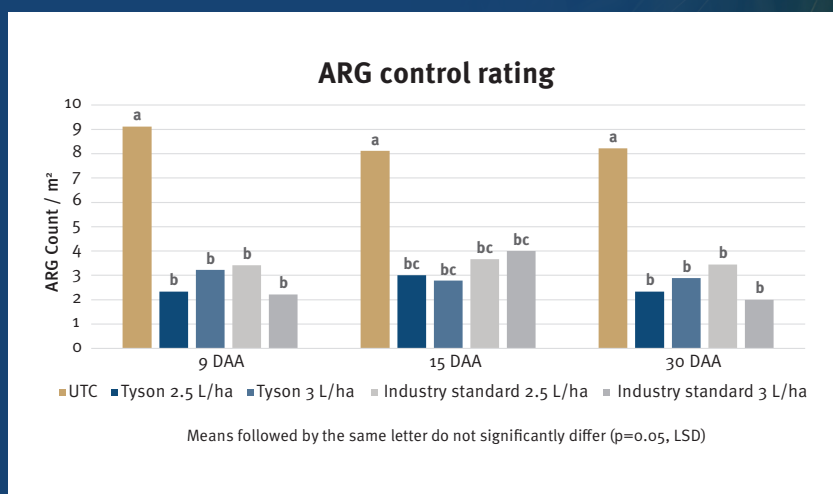


EPE - WHEAT, WA, LOW PRESSURE

A trial in South Tammin, WA, demonstrated bioequivalence and crop safety of TITAN TYSON 8 Count when compared to industry standards in wheat when applied as an EPE treatment.

The paddock had been sown to canola in 2022 and had 2.5 L/ha Treflan IBS application prior to trial establishment. There was 18 mm rainfall the week before sowing and 100 mm 12 days afterwards. ARG was tillering and had a general population of 10/m². This trial was conducted as a randomised complete block design on sandy loam soil and was conducted by SLR Field Research.

TITAN TYSON 8 Count exhibited bioequivalence at the low, label and double (not shown) label rates where good control of ARG was achieved across all treatments. Crop safety was also equivalent across all treatments, with an increase in visual rating and biomass reduction only seen at the double label rates. Crop recovery was evident at the 36 DAA assessment.



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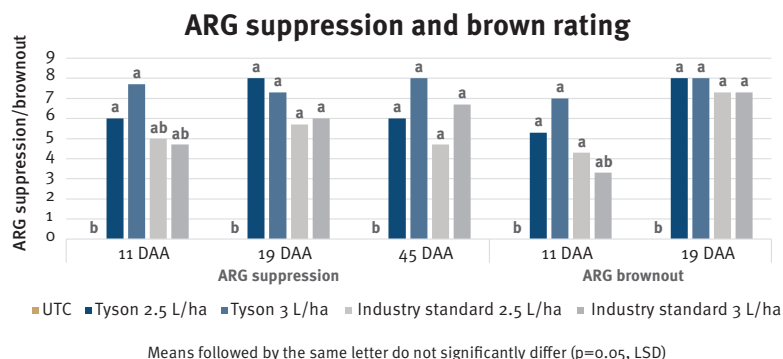
INDEPENDENT TRIAL DATA CONT.

EPE - BARLEY, SA, HIGH PRESSURE

A trial in Weetulla, SA, in 2023, demonstrated bioequivalence and crop safety of TITAN TYSON 8 Count to industry standards. This trial was done in Beast barley, planted into a two-year wheat stubble, in loam soil and was conducted by YP Ag.

The barley was sown with 1.25 L/ha Overwatch and trial treatments were applied at early tillering, with 27 mm rainfall 4 days prior to application and 16.6 mm rainfall received the following week. ARG populations were at 2-3 leaf, with variable densities of 40-240/m².

Efficacy was assessed as 'brownout' and level of suppression. TITAN TYSON 8 Count was demonstrated to be bioequivalent to the industry standards by both measures of efficacy at all assessment dates. Crop safety was also assessed at each timing and found to be equivalent to the industry standard, and was not significantly different to the untreated.



SUCCESSFUL APPLICATIONS

Check the label for critical comments based on usage pattern. Observe the restraints, no-spray zones, rates, application and general instructions.

- Use as part of an integrated weed management strategy
- Use the higher rate where resistant populations are confirmed or suspected and/or for high weed populations
- Apply to a moist seedbed, followed by rainfall (to wet the top 3-4 cm) within 7-14 days of application will significantly improve results
- For IBS applications, be mindful of potential crop phytotoxicity particularly on lighter soil when herbicide zone may leach into the seed zone; ideally sow >3cm, but not too deep
- For IBS applications, tank-mixing with a registered non-selective herbicide, such as TITAN EOS Herbicide or TITAN Glyphosate will increase the level of control compared to either of the herbicides applied alone

- For early post-emergent applications, target young weeds (1-3 leaf ARG) that are actively growing

Spray quality should differ with conditions:

- Medium - coarse spray is best when tank-mixed with a knockdown herbicide (eg TITAN EOS Herbicide)
- Medium-very coarse is best when tank-mixed with a translocated herbicide (eg TITAN Boonta Herbicide, TITAN Glyphosate 450 Herbicide); and increase water volume
- Medium-extremely coarse is best when applying into stubble; and increase water volume

Apply by ground rig only in a minimum of 50 L water/ha. Water rate selection should be based on soil type and stubble load. Stubble loads above 40 to 50% ground coverage can reduce weed control below acceptable levels. Water volumes greater than 70L/ha are recommended in order to reduce the impact of stubble in direct drill or minimum tillage systems. Use a nozzle delivering spray quality in the medium to very coarse spray range. DO NOT apply by air.

TITAN TYSON 8 Count is a high quality, fully loaded formulation providing robust control of Annual Ryegrass, including resistant populations, even in marginal conditions, through two application methods, while also cleaning up a range of other grass and broadleaf weeds.

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COMPATIBILITY

TITAN TYSON 8 Count Herbicide is compatible with any one of the following herbicides:

- ✓ TITAN Carfentrazone 400 EC Herbicide
- ✓ TITAN Glyphosate 450 Herbicide
- ✓ TITAN Boonta Herbicide
- ✓ TITAN Triasulfuron 750 WG Herbicide
- ✓ TITAN Triasulfuron 520 + Butafenacil 200 WG Herbicide
- ✓ TITAN Metsulfuron 600 WG Herbicide
- ✓ TITAN Oxyfluorfen 240 EC Herbicide
- ✓ TITAN EOS Herbicide
- ✓ TITAN Paraquat 250 Herbicide
- ✓ TITAN Paraquat 360 Herbicide
- ✓ TITAN Treflan Herbicide

Always refer to plantback restrictions on the label of the tank mix partner.

TITAN TYSON 8 Count Herbicide is compatible with any one of the following insecticides:

- ✓ TITAN Alpha Cypermethrin 250 SC Insecticide
- ✓ TITAN Alpha Cypermethrin 300 SC Insecticide
- ✓ TITAN Bifenthrin 100 Insecticide
- ✓ TITAN Bifenthrin 250 EC Insecticide
- ✓ TITAN Dimethoate 400 Insecticide
- ✓ TITAN Lamba-Cyhalothrin 250 CS Insecticide

TITAN TYSON 8 Count Herbicide is compatible with liquid Urea Ammonium Nitrate (UAN) fertilisers provided the spray solution is under constant high agitation.

Visit our website at www.titanag.com.au for the most up to date information relating to the compatibility and crop safety of pesticide tank mixtures.

As formulations of other manufacturers' products are beyond the control of TITAN AG Pty Ltd and water quality varies with location, all mixtures should be tested prior to mixing commercial quantities.

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