

TITAN PROSULFOCARB 800 EC HERBICIDE

TITAN Prosulfocarb 800 EC Herbicide is an Australian developed and easy to handle emulsifiable concentrate (EC) formulation of Prosulfocarb (800 g/L) registered for the pre- and post-emergent control of Annual Ryegrass (ARG) in Wheat and Barley.

As a Group 15, TITAN Prosulfocarb 800 provides a critical alternate mode of action for managing ARG.

WHAT MAKES TITAN PROSULFOCARB 800 EC UNIQUE?

TITAN Prosulfocarb 800 EC has been developed in Australia, with replicated trials across Australia's cropping landscape demonstrating bioequivalence to industry standards, as well as crop safety. TITAN Prosulfocarb 800 EC is a high quality, fully loaded formulation providing robust control of ARG, including resistant populations, through two application methods.

KEY FEATURES

- ✓ Flexibility of application timing: Integrated By Sowing (IBS) and Early Post-emergent (EPE)
- ✓ Robust weed control
- ✓ 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 populations* 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 TYPE: Emulsifiable concentrate (EC)

ACTIVE INGREDIENTS: 800 g/L Prosulfocarb

APPLICATION RATE: Dependent on usage situation, weed species and pressure
IBS – 2.5-3.0L/ha; EPE – 3.0L/ha

HERBICIDE MOA GROUP: Group 15

ADJUVANT: Not required

WEED SPECTRUM

*SEE PRODUCT LABEL
FOR SPECIFIC
SITUATIONS:

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



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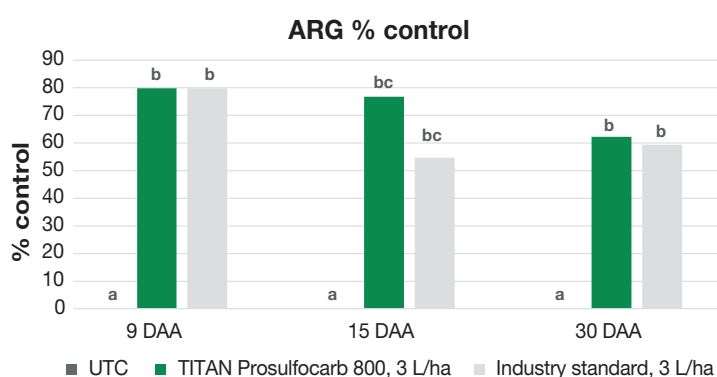
INDEPEDENT TRIAL DATA

WHEAT, WA, LOW PRESSURE

A trial in South Tammin, WA, demonstrated bioequivalence and crop safety of TITAN Prosulfocarb 800 EC to industry standards in wheat when applied as an early post-emergent treatment (Z23, 25% mid-tillering, 75% early one leaf).

Scepter wheat was direct drilled into a sandy loam paddock with canola stubble from a previous crop. Trifluralin was applied as an IBS treatment and the combination of prior crop and IBS weed control resulted in a low population of ARG. This trial was conducted as a randomised complete block design by SLR Field Research.

TITAN Prosulfocarb 800 EC exhibited bioequivalence at the lower and higher label rates compared with the industry standard against ARG. Crop safety was also equivalent across all treatments, with recovery evident at the 36 DAA assessment.

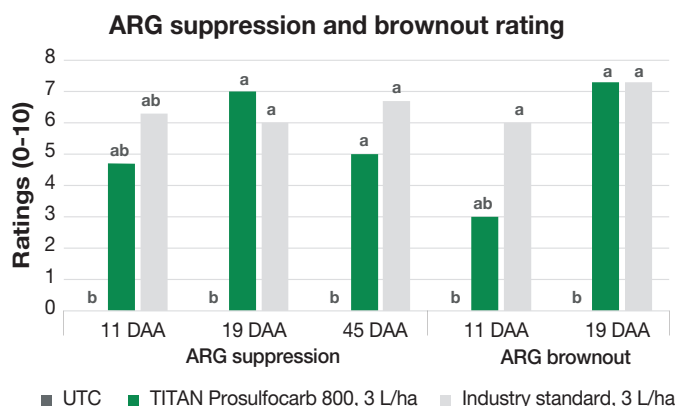


TITAN Ag Trial TA2023H22

BARLEY, SA, HIGH PRESSURE

A trial in Weetulla, SA, demonstrated bioequivalence and crop safety of TITAN Prosulfocarb 800 EC 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 treatments were applied at early tillering, with 27 mm rainfall 4 days prior to application and 16.6 mm rainfall received the following week. Annual ryegrass populations were at 2-3 leaf, with variable densities of 40-240/m².

Efficacy was assessed as 'brownout' and level of suppression. TITAN Prosulfocarb 800 EC 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 no significantly different to the untreated.



TITAN Ag Trial TA2023H21

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
- ✓ 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, use the higher rate where control rather than suppression is required
- ✓ For IBS applications, be mindful of potential crop phytotoxicity particularly on lighter soil when herbicide

Apply by ground rig only in a minimum of 50L water/ha. Water rate 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.

zone may leach into the seed zone; ideally sow >3cm, but not too deep

- ✓ For IBS applications, tank-mixing with TITAN Treflan Herbicide where Group 3 resistance is not dominant, has been shown to improve ARG control, as well as clean up additional grass and broadleaf weeds; ensure good soil moisture in this case
- ✓ For EPE applications, target young weeds (1-3 leaf ARG) that are actively growing.

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COMPATIBILITY

TITAN Prosulfocarb 800 EC Herbicide is compatible with any one of the following herbicides: Hammer, TITAN Carfentrazone, glyphosate, metribuzin, metsulfuron methyl, Monza, oxyfluorfen, SPRAY.SEED 250, TITAN EOS, DUAL GOLD, TITAN S-Metolachlor 960, triasulfuron, TITAN Treflan and TITAN Triflort. DO NOT tank mix with 2,4-D products.

TITAN Prosulfocarb 800 EC Herbicide is compatible with any one of the following insecticides: alpha cypermethrin, bifenthrin, chlorpyrifos, dimethoate and KARATE ZEON.

TITAN Prosulfocarb 800 EC Herbicide is compatible with liquid Urea Ammonium Nitrate (UAN) fertilisers provided the spray solution is under constant high agitation.

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

For advice on the compatibility of other products, and the most up-to-date information relating to the compatibility and crop safety of pesticide tank mixtures, visit our website at www.titanag.com.au

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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