

# TITAN PROPYZAMIDE 800 WG

Titan Propyzamide 800 WG Herbicide is a new premium WG Group 3 Herbicide, for the selective control of many grasses and some broadleaf weeds in canola, grain legumes/pulse crops, legume pastures and lettuce.

Used in the non-cereal cropping phase, Titan Propyzamide 800 WG Herbicide is a fundamental part of an effective and sound integrated weed management strategy.

## WHAT MAKES TITAN PROPYZAMIDE 800 WG HERBICIDE UNIQUE?

The high load WG offers growers an easier-to-handle propyzamide product, as well as a highly effective alternative mode of action to other key herbicides used in the cereal phase of a cropping system.

### KEY FEATURES

- ✓ High load 800 g/kg WG formulation – less storage and handling
- ✓ Provides high levels of pre-emergent control of Annual Ryegrass
- ✓ Good residual activity - offering excellent crop establishment to maximise yields
- ✓ Effective Group 3 Herbicide – offering a sound resistant management strategy
- ✓ Reduces selection pressure on other key herbicides – allowing cropping system sustainability
- ✓ Excellent crop safety.

### AT A GLANCE

#### USE PATTERNS:

**Canola or pulse crops** – apply to moist soil prior to seeding, incorporating with knife points.

**Legume pastures** – apply when weeds are at post or pre-emergent stages

#### FORMULATION:

Water-dispersible Granule (WG)

#### ACTIVE INGREDIENT:

800g/kg Propyzamide

#### APPLICATION RATE:

Dependant on crop and weeds targeted

#### HERBICIDE MOA GROUP:

Group 3 (Previously Group D)

### WEED SPECTRUM

See product label for specific situations

Selective herbicide for the control of many grass weeds including, Annual Ryegrass, Winter Grass, Barley Grass, Silver Grass, Prairie Grass, Canary Grass, Great Brome, Squirrel Tail Fescue, Rats Tail Fescue.



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CROP PROTECTION

## COMPATIBILITY

TITAN Propyzamide 800 WG is compatible with a range of knockdown and pre-emergent herbicides and insecticides. The following table provides some recommendations on the suitability of tank mix combinations.

Physical compatibility with TITAN Propyzamide 800 WG Herbicide should be determined prior to mixing with a product not listed in this table, or when mixing TITAN Propyzamide 800 WG Herbicide as a component of a 3-way tank mix. Always read the product label for the manufacturer's tank mix recommendations to determine individual product compatibility options and correct mixing orders for individual products. If unsure, perform a jar test before proceeding to determine physical compatibility. Physical compatibility does not always guarantee biological compatibility.

Herbicides	Compatibility
TITAN Atrazine 900 WG	Compatible
TITAN Diuron 900 WG	Compatible
Ecopar (pyraflufen-ethyl)	Compatible
Glyphosate present as the potassium (K) salt based products**	Not Recommended - Incompatible
TITAN Glyphosate 450	Conditional
TITAN Hermes 520	Compatible
TITAN Carfentrazone 400 EC	Conditional
TITAN Oxyflurofen 240 EC	Conditional
TITAN Paraquat 250 SL	Not Recommended - Incompatible
TITAN Paraquat 360 SL	Not Recommended - Incompatible
TITAN Terbutylazine 875 WDG	Compatible
TITAN Trifluralin 480 EC	Not Recommended - Incompatible
Insecticide	Compatibility
TITAN Dimethoate 400 EC	Not Recommended - Incompatible
Omethoate 290 SL	Compatible
TITAN Alpha Duo 100	Compatible
TITAN Bifenthrin 250 EC	Conditional

Other notes
<b>Compatible:</b> Products considered physically compatible with TITAN Propyzamide 800 WG in a two-way mix.
<b>Conditional:</b> Tank mixes of TITAN Propyzamide 800 WG with the following product may result in nozzle or filter blockage if vigorous agitation in the spray mix unit is not maintained during the entire spray operation.
<b>Not recommended – incompatible:</b> Tank mixes of TITAN Propyzamide 800 WG with the following product is likely to form a slimy residue which can block spray nozzles and filters during application.
**It is not recommended to mix TITAN Propyzamide 800 WG with any products containing <b>Glyphosate present as the potassium (K) salt</b> .

- Compatible
- Conditional
- Not Recommended - Incompatible

Information on compatibility is understood to be correct at the time of publication, however products may vary from time to time.

## SUCCESSFUL APPLICATIONS

### FOR USE IN CANOLA OR PULSE CROPS

- Apply to moist soil prior to seeding only. Incorporate by sowing (IBS) with knife or blade points.
- A rainfall event (25mm) between application and sowing, or soon after sowing is required for best results.
- Avoid seeding or planting practices that moves "treated soil back into the furrow.
- Heavy rainfall events that wash product back into the furrow can delay emergence and cause crop injury.
- DO NOT use on white sandy soils, or paddocks that have been recently mouldboard ploughed or spaded.

### FOR USE IN LEGUME PASTURES

#### Such as lucerne, grown for hay, forage or seed production

- Apply when weeds are at post or pre-emergent stages.
- **Seedling Crops:** Apply after the third trifoliate leaf is fully developed.
- **Established Crops:** Apply any time before the end of July.
- Apply during cool and moist conditions.
- Rain or irrigation is necessary to thoroughly wet the top 3 to 4cm of soil - this is similar to 25mm rain.
- Use rates towards the higher end of the range on heavy soils, if conditions are not optimal or where a heavy grass population is expected.
- Grazing or cutting PRIOR to treatment is recommended.

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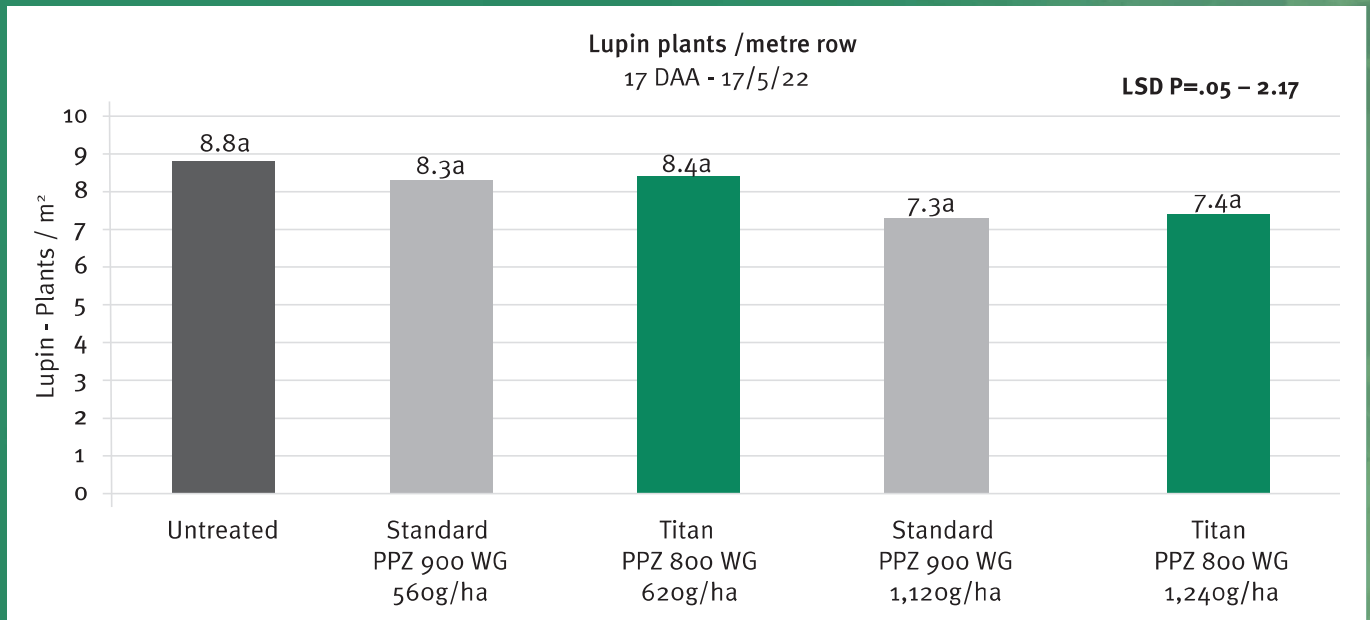
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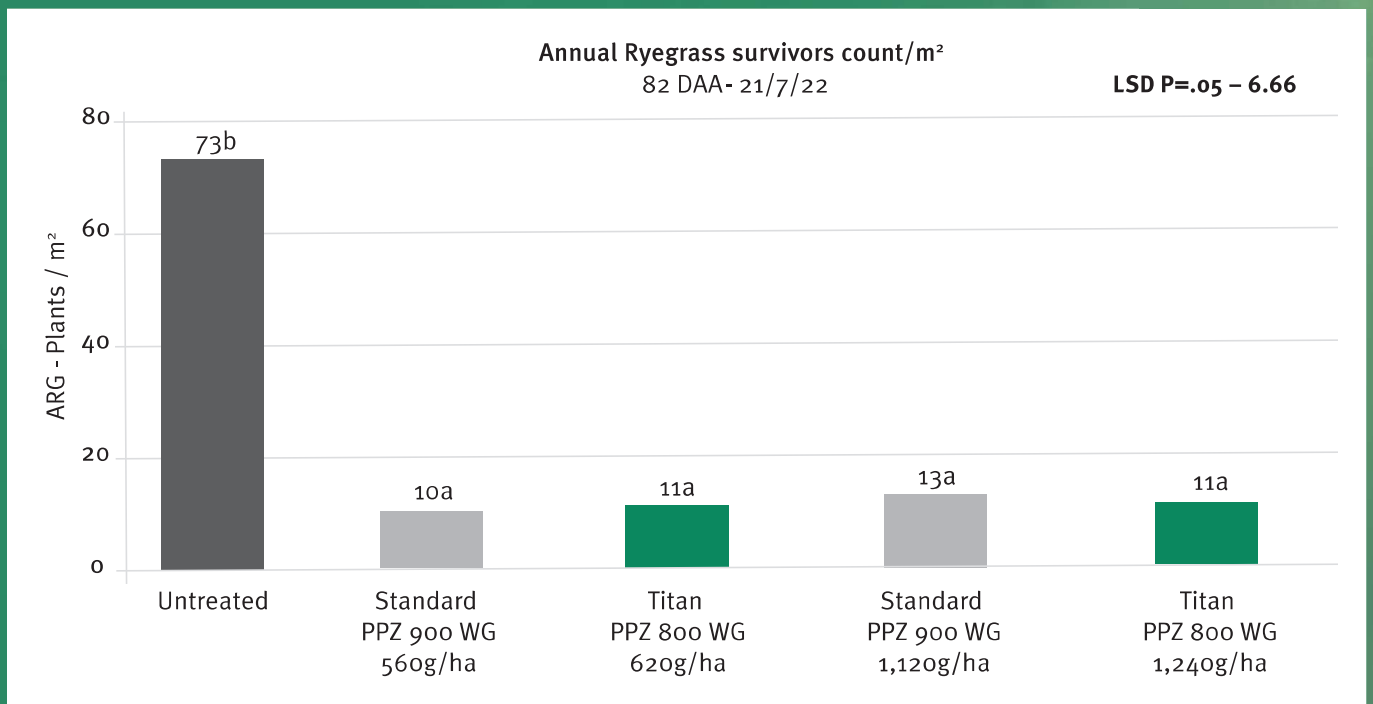
## REPLICATED TRIAL

An independent small plot trial was established in a grower sown Jurien narrow leaf lupins (*Lupinus angustifolius*) near Bolgart, Western Australia in 2022. The trial aimed to evaluate the crop safety and efficacy of TITAN AG's newly developed formulation, Propyzamide 800 WG, compared with the industry standard 900 WG, for the early pre-emergent control of annual ryegrass (*Lolium rigidum*).

The below graph demonstrates excellent similar crop safety by both products, at label rates and 2x label rates.



The below graph shows excellent similar Annual Ryegrass control at label rates.



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