

# TITAN BOONTA

600 g/L glyphosate present as the potassium and monomethylamine salt

Titan Boonta Herbicide is a premium, dual-salt, non-selective, water-soluble liquid herbicide for the control of annual and perennial grasses and broadleaf weeds in a wide range of agricultural and non-agricultural use situations.

## WHAT MAKES TITAN BOONTA UNIQUE?

600 g/L Glyphosate present as potassium and monomethylamine salts, with a fully loaded, Australian developed, high-quality, unique surfactant package. The combination of these two glyphosate salts and high-quality surfactant package, allows for improved weed leaf cuticle penetration and translocation within the weed plant tissue, quick uptake into the plant and fast brownout with an improved compatibility profile.

The dual salt formulation also offers an improved compatibility profile, compared to some other high load glyphosate products.

## KEY FEATURES & BENEFITS

- ✓ High load product – less product to lift and shift
- ✓ Excellent Annual Ryegrass control compared to similar product - independent trials demonstrate
- ✓ Unique Australian developed proprietary surfactant package - ensures fast uptake of product and quick brownout of weeds
- ✓ No need for additional surfactant in most situations
- ✓ Manufactured to the highest standards
- ✓ Great compatibility profile
- ✓ Low viscosity – suitable for cold spraying conditions
- ✓ Low foaming properties and easy to pump
- ✓ Herbicide MOA Group 9 (Group M)

## AT A GLANCE

<b>USE PATTERNS:</b>	Minimum tillage, fallow, cotton – shielded sprayers, wheat and pulse crops, forestry, horticulture and commercial.
<b>FORMULATION:</b>	Soluble Concentrate (SL)
<b>ACTIVE INGREDIENT:</b>	600 g/L glyphosate present as the potassium and monomethylamine salt
<b>APPLICATION RATE:</b>	Dependant on usage situation, weed species and pressure
<b>HERBICIDE MOA GROUP:</b>	Group 9 (Group M)

## WEED SPECTRUM

\*See product label for specific situations\*

Non-selective herbicide for the control of many annual and perennial weeds and does not provide residual weed control.



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## INDEPENDANT TRIAL DATA

Senior Research Fellow - Roberto Busi based at University of WA, in two separate trials, sprayed on Annual Ryegrass (ARG), were conducted in August and October 2024. Compared Titan Boonta Herbicide alongside the industry standard glyphosate 600 product. To assess the control and biomass reduction of two ARG populations, treated with these high-quality glyphosate formulations, at various application rates.

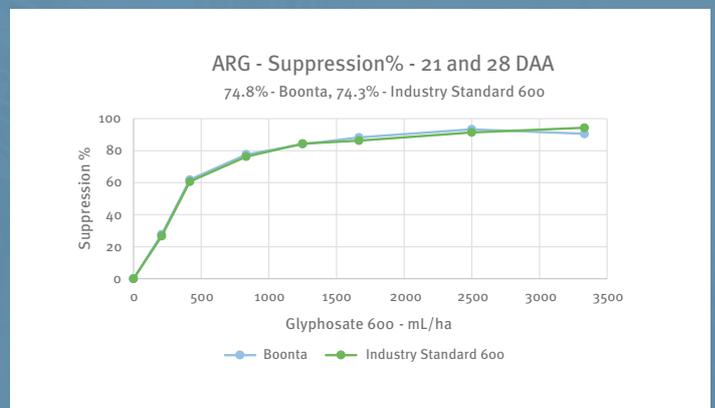
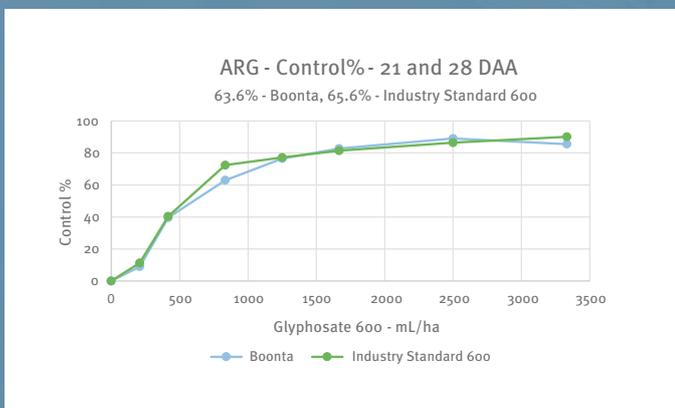
One population of ARG was fully susceptible to glyphosate and the other population was described as developing resistance to glyphosate – with a 15% survival rate to 900 grams active ingredient of glyphosate/ha.

At the time of both applications, the ARG were at two leaf stage, with assessments occurring for Titan trial TA2024H37 at 28 days and for Titan trial TA2024H45 at 21 days after application. The average of this data is represented in the graphs below. The results demonstrates that both products performed well and very similar to each other, on both assessment criteria and the two ARG populations within both trials.

This independent trial work gives consultants, agronomists and growers confidence to use Titan Boonta Herbicide, as a substitute for the industry standard.

The graphs below are the average results of the two populations of ARG sprayed in both trials.

### Average of the two trials - TA2024H37 and TA2024H45:

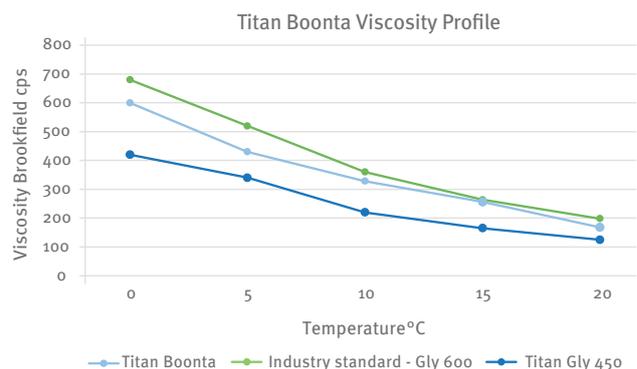


As seen in the above graphs Titan Boonta Herbicide performed very similar to the industry standard 600 product, in these two independent trials.

### COLD TEMPERATURE VISCOSITY

Growers need their spraying operation to be hassle free and products that pump or pour easily out of a drum are key.

Boonta is a high load glyphosate with a full surfactant package. Having a lower viscosity, means it pours more easily than the industry standard 600 glyphosate, even in cold temperatures.



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## COMPATIBILITY RECOMMENDATIONS

Titan Ag has recently conducted laboratory testing of TITAN Boonta Herbicide to establish compatibility with a range of herbicides. The tables below provide some recommendations on the suitability of tank mix combinations. Physical compatibility with TITAN Boonta Herbicide should be determined prior to mixing with a product not listed below, or when mixing TITAN Boonta Herbicide as a component of a 3-way tank mix.

	PARTNER PRODUCT	TITAN BOONTA	WATER RATE
COMPATIBLE	Titan Besuto 850 WG 118 g	1.3 L	50 L
	Titan Besuto 480 SC 210 mL	1.3 L	50 L
	Boxer Gold 2.5 L	1.3 L	50 L
	Titan Trifluralin 480 EC 3.0 L	1.3 L	50 L
	Titan Prosulfocarb 800 EC 3.0 L	1.3 L	50 L
	Titan Propyzamide 800 WG 1.25 Kg	1.3 L	80 L
	Terrador 40 g + Duelling 1.0%	1.3 L	50 L
	Sharpen WG 34 g + Duelling 0.5 %	1.3 L	50 L
	Titan Atrazine 900 WG 1.1 Kg	1.3 L	50 L
	Titan Amine 720 1.2 L	1.3 L	50 L
	Titan Ester 680 1.5 L	1.3 L	50 L
	Titan Fluroxypyr 333 EC 300 mL	1.3 L	50 L
	Titan Carfentrazone 400 EC 60 mL + Duelling 0.5%	1.3 L	50 L
CAUTION	FMC Rustler 500 SC 1.0 L	1.3 L	50 L
	FMC Rustler 500 SC 1.0 L	1.3 L	50 L
	Titan Simazine 500 SC 2.0 L	1.3 L	50 L
	Titan Diuron 900 WG 1.1 Kg	1.3 L	50 L
	Titan Atrazine 500 SC 2.0 L	1.3 L	50 L
	Titan Flumioxazin 500 WG 700 g + Duelling 0.5%	1.3 L	80 L
	Sumitomo Valor 500 WG 700 g + Duelling 0.5%	1.3 L	50 L
	Titan Fluroxypyr 400 EC 250 mL	1.3 L	50 L

	PARTNER PRODUCT	TITAN BOONTA	WATER RATE
INCOMPATIBLE	FMC Rustler 500 SC 2.0 L	1.3 L	50 L
	FMC Rustler 500 SC 2.0 L	1.3 L	80 L
	Titan Propyzamide 800 WG 1.25 Kg	1.3 L	50 L
	Titan Diuron 900 WG 1.1 Kg	1.3 L	50 L

### Explanatory notes on recommendations as listed

**Compatible:** Products considered physically compatible with TITAN Boonta in a two-way mix.

**Conditional:** Tank-mixes of TITAN Boonta with these products, needs constant agitation during the entire spray operation and should not be left in boom spray overnight.

**Not recommended – incompatible:** Tank-mixes of TITAN Boonta with these products, are likely to form a slimy residue which can block spray nozzles and filters during application.

Check the Titan website for correct mixing order information

**Please note:** This information on compatibility is understood to be correct at the time of publication, however products may vary from time to time.

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.

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