

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 grass 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, allows for improved weed leaf cuticle penetration and translocation within the weed plant tissue, quick uptake into the plant and fast brownout.

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 (ARG) 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 Mode of Action (MOA) Group 9 (Group M)

AT A GLANCE

USE PATTERNS:	Minimum tillage, Fallow, Cotton – shielded sprayers, Wheat and Pulse crops, Forestry, Horticulture and Commercial.
FORMULATION:	Soluble Liquid Concentrate (SL)
ACTIVE INGREDIENT:	600 g/L Glyphosate present as the potassium and monomethylamine salt
APPLICATION RATE:	Dependant on usage situation, weed species and pressure
HERBICIDE MOA GROUP:	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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CROP PROTECTION

INDEPENDANT TRIAL DATA

Senior Research Fellow - Roberto Busi based at University of Western Australia conducted two separate trials, in August and October 2024 to compare TITAN Boonta Herbicide alongside the industry standard Glyphosate 600 product. The trial assessed control and biomass reduction of two ARG populations, treated with these high-quality Glyphosate formulations, at various application rates.

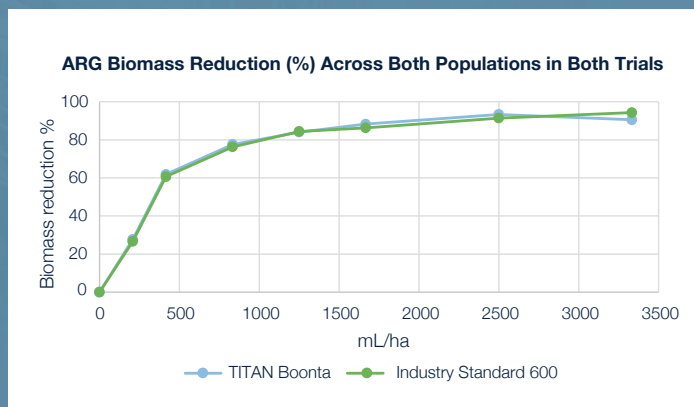
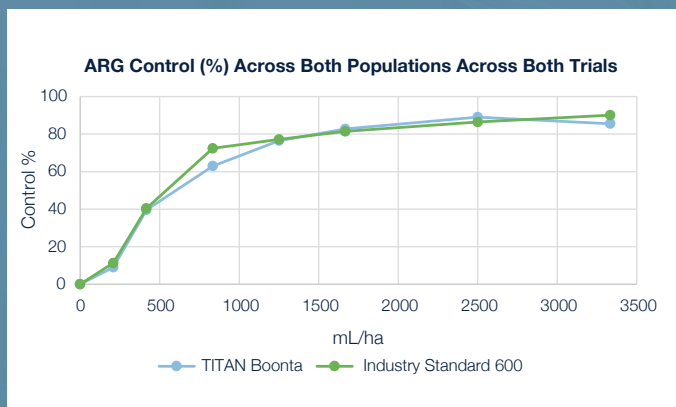
One population of ARG was fully susceptible to Glyphosate and the other population was described as developing resistance to Glyphosate – with a 15% survival rate to 900 grams active ingredient of Glyphosate/ha.

At the time of both applications, the ARG was 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. Both products in both trials demonstrated a classic dose response with increasing efficacy as the rate increased from 500 mL to 3.5 L/ha.

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:

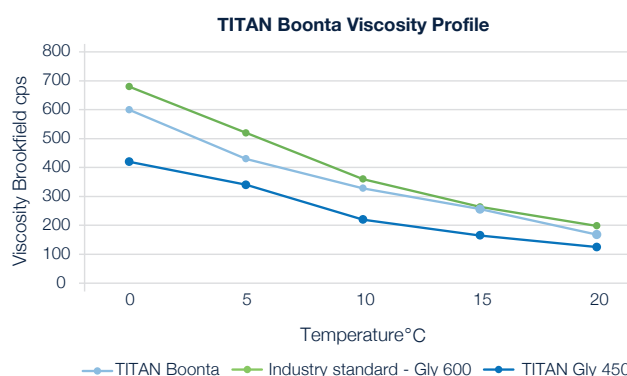


As seen in the above graphs TITAN Boonta Herbicide performed very similar to the industry standard 600 Glyphosate product, in these two independent trials.

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.

TITAN 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

The tables below provide recommendations on the physical compatibility of tank mix combinations. Tank-mixes not listed below should be tested by a jar test prior to use.

In the below, TITAN Boonta was tested at 1.3 L/ha

COMPATIBLE
TITAN Amine 720 1.2 L in 50 L water/ha
TITAN Atrazine 900 WG 1.1 kg in 50 L water/ha
TITAN Besuto 480 SC 210 mL in 50 L water/ha
TITAN Besuto 480 SC 210 mL + TITAN Treflan 2 L + TITAN Tri-Allate 500 EC 2 L in 80 L water/ha
TITAN Besuto 480 SC 210 mL + TITAN Tri-Allate 500 EC 3 L in 80 L water/ha
TITAN Besuto 480SC 210 mL + TITAN Treflan 3 L in 80 L water/ha
TITAN Besuto 850 WG 118 g in 50 L water/ha
TITAN Carfentrazone 400 EC 60 mL + TITAN Duelling 0.5% in 50 L water/ha
TITAN Ester 680 1.5 L in 50 L water/ha
TITAN Fluroxypyr 333 EC 300 mL in 50 L water/ha
TITAN Propyzamide 500 SC 1 L + TITAN Diuron 900 WG 300 g in 80 L water/ha
TITAN Propyzamide 800 WG 1.25 kg in 80 L water/ha
TITAN Prosulfocarb 800 EC 3 L in 50 L water/ha
TITAN Prosulfocarb 800 EC 2.5 L + TITAN Treflan 1.5 L in 80 L water/ha
TITAN Prosulfocarb 800 EC 2.5 L + TITAN Tri-Allate 500 EC 3 L in 80 L water/ha
TITAN Prosulfocarb 800 EC 2.5 L + TITAN Treflan 1.5 L + TITAN Tri-Allate 500 EC 2 L in 80 L water/ha
TITAN Trifluralin 480 EC 3 L in 50 L water/ha
TITAN Tyson 8 Count 2.5 L + TITAN Treflan 1.5 L in 80 L water/ha
TITAN Tyson 8 Count 2.5 L + TITAN Tri-Allate 500 EC 3 in 80 L water/ha
Boxer Gold 2.5 L in 50 L water/ha
Callisto 200 mL in 80 L water/ha
Luximax 500 mL + TITAN Treflan 2 L + TITAN Alpha-Cypermethrin 300 SC 50 mL in 80 L water/ha
Mateno 1 L in 80 L water/ha
Sharpen WG 34 g + TITAN Duelling 0.5 % in 50 L water/ha
Terrad'or 40 g + TITAN Duelling 1.0% in 50 L water/ha

Explanatory notes on recommendations as listed

Compatible: Products considered physically compatible with TITAN Boonta.

Conditional: Tank-mixes of TITAN Boonta with these products, needs constant agitation during the entire spray operation and should not be left in the spray tank 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. Ensure sufficient time and agitation has occurred to each successive product to fully disperse before adding the next product to the spray tank.

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.

CAUTION
TITAN Atrazine 500 SC 2 L in 50 L water/ha
TITAN Diuron 900 WG 1.1 kg in 50 L water/ha
TITAN Flumioxazin 500 WG 700 g + TITAN Duelling 0.5% in 80 L water/ha
TITAN Fluroxypyr 400 EC 250 mL in 50 L water/ha
TITAN Propyzamide 500 SC 1 L in 80 L water/ha
TITAN Propyzamide 500 SC 1 L + TITAN Atrazine 900 WG 1.1 kg + TITAN Alpha-cypermethrin 300 SC 50 mL + TITAN Bifenthrin 250 EC 80 mL in 80 L water/ha
TITAN Propyzamide 500 SC 1 L + TITAN Diuron 900 WG 300 g in 80 L water/ha
TITAN Propyzamide 500 SC 1 L + TITAN Diuron 900 WG 300 g + Reflex 750 mL in 80 L water/ha
TITAN Propyzamide 500 SC 1 L + TITAN Simazine 900 WG 1.1 kg + TITAN Alpha-cypermethrin 300 SC 50 mL + TITAN Bifenthrin 250 EC 80 mL in 80 L water/ha
TITAN Simazine 500 SC 2 L in 50 L water/ha
TITAN Tyson 8 Count 2.5 L + TITAN Treflan 1.5 L + TITAN Diuron 900 WG 300 g + TITAN Alpha-cypermethrin 300 SC 50 mL in 80 L water/ha
Overwatch 1.25 L in 80 L water/ha
Overwatch 1.25 L + TITAN Atrazine 900 WG 1.1 kg + TITAN Alpha-cypermethrin 300 SC 50 mL in 80 L water/ha
Overwatch 1.25 L + TITAN Treflan 2 L + TITAN Alpha-cypermethrin 300 SC 50 mL in 80 L water/ha
Rustler 500 SC 1 L in 50 L and 80 L water/ha
Valor 500 WG 700 g + TITAN Duelling 0.5% in 50 L water/ha

INCOMPATIBLE
TITAN Diuron 900 WG 1.1 kg in 50 L water/ha
TITAN Oxyflufen 240 EC 150 mL + TITAN 700 Surfactant 0.1% in 50 L water/ha
TITAN Propyzamide 800 WG 1.25 kg in 50 L water/ha
TITAN Propyzamide 500 SC 1 L + TITAN Diuron 900 WG 300 g + TITAN Diflufenican 500 SC 80 mL + Terrad'or 40 g + TITAN Duelling 1% in 80 L water/ha
TITAN Propyzamide 500 SC 1 L + TITAN Diuron 900 WG 300 g + TITAN Diflufenican 500 SC 80 mL + TITAN Carfentrazone 400 EC 45 mL in 80 L water/ha
TITAN Propyzamide 500 SC 1 L + TITAN Diuron 900 WG 300 g + Reflex 750 mL + TITAN Carfentrazone 400 EC 45 mL in 80 L water/ha
TITAN Propyzamide 500 SC 1 L + TITAN Diuron 900 WG 300 g + Reflex 750 mL + Terrad'or 40 g + TITAN Duelling 1% in 80 L water/ha
Crucial 1.3L + Reflex 1 L in 80 L water/ha
Overwatch 1.25 L + TITAN Treflan 2 L + TITAN Alpha-cypermethrin 300 SC 50 mL + Callisto 200 mL in 80 L water/ha
Reflex 1 L in 80 L water/ha
Reflex 1 L + TITAN Simazine 900 WG 830 g in 80 L water/ha
Rustler 500 SC 2 L in 50 L and 80 L water/ha
Ultro 1.1 kg in 80 L water/ha
Ultro 1.1 kg + TITAN Simazine 900 WG 830 g + TITAN Alpha-cypermethrin 300 SC 50 mL + TITAN Bifenthrin 250 EC 80 mL in 80 L water/ha

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