

# TITAN VEPO MOISTURE RETAINER

Titan Vepo is a unique blend of polymer and ethoxylated alcohol mixture. Titan Vepo improves early seedling emergence and vigour, in non-wetting soils and/or dry seeding situations by attracting and retaining moisture around the seed when banded with water and/or UAN at time of seeding.

## WHAT MAKES TITAN VEPO MOISTURE RETAINER UNIQUE?

The product was designed to be of lower viscosity and offer better handling compared to comparative moisture retainer products, without compromising on potential water retaining performance.

## KEY FEATURES

- ✓ WA trial data shows similar yield response v industry standard
- ✓ Low viscosity, non gelling formulation – suitable for pumping in cold conditions
- ✓ Less need to dilute – saving time
- ✓ Good compatibility profile with UAN and fungicides

## AT A GLANCE

<b>USE PATTERNS:</b>	Apply by continuous liquid stream as close to the seed as possible using a minimum of 50 L/ha of water and/or liquid UAN.
<b>VISCOSITY:</b>	Moderately viscous, slower pumping may occur when product temperature is below 5° C.
<b>ACTIVE INGREDIENT:</b>	Polymer and ethoxylated alcohol mixture
<b>APPLICATION RATE:</b>	Dependant on soil type and tyne spacings. Lighter soils, specifically light sands require the higher use rate while soils with a higher gravel content can show good responses at lower rates.
<b>COMPATIBILITY:</b>	Flexi-N, Flexi-NS, Titan Flutriafol 250, Titan Flutriafol 500, Uniform and Evergol Energy.



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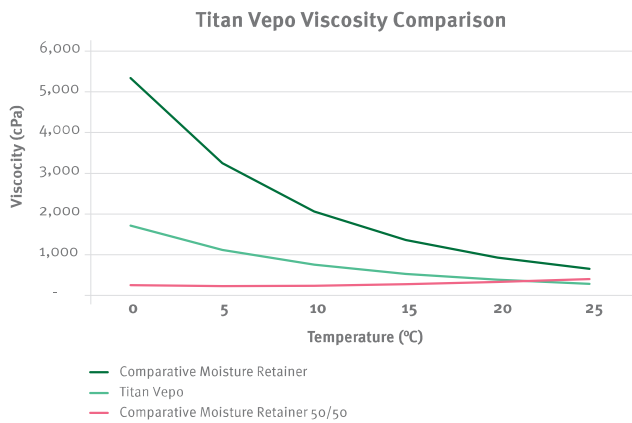
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## VISCOSITY

As shown in the graph below, Titan Vepo is a moderately viscous product and pumping issues may occur when the temperature of Titan Vepo is below 5° C. If necessary, dilute Titan Vepo with water at a ratio of 1:1.

Always add Titan Vepo to water if diluting.

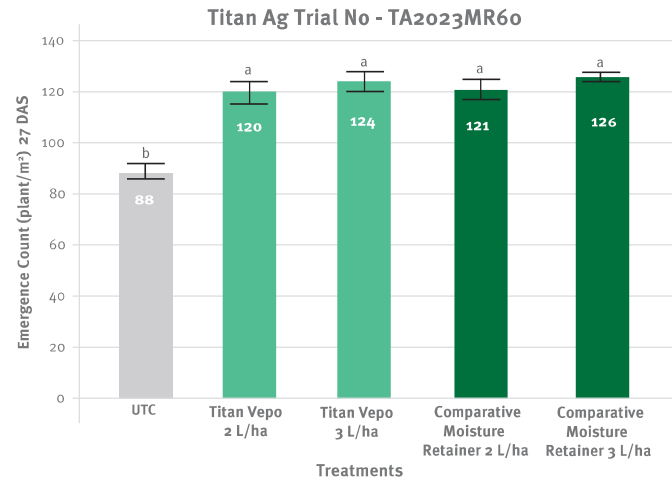


## TRIAL DATA CONT.

### Assessments at 49 DAS

» All treated plots gained higher biomass than untreated, measured by Canopeo®.

All product treatments, had a higher plant count and biomass, than untreated. No significant differences between products or rates occurred.



Emergence plants/m<sup>2</sup> counts assessed on 26th June 2023, 27 DAS. The emergence of all wetter treatments is higher than untreated. There's also a response to wetter rate, although not significant.

## TRIAL DATA

An in-furrow trial in 2023 demonstrated that Titan Vepo achieved statistically similar results as a comparative moisture retainer product, over three replications.

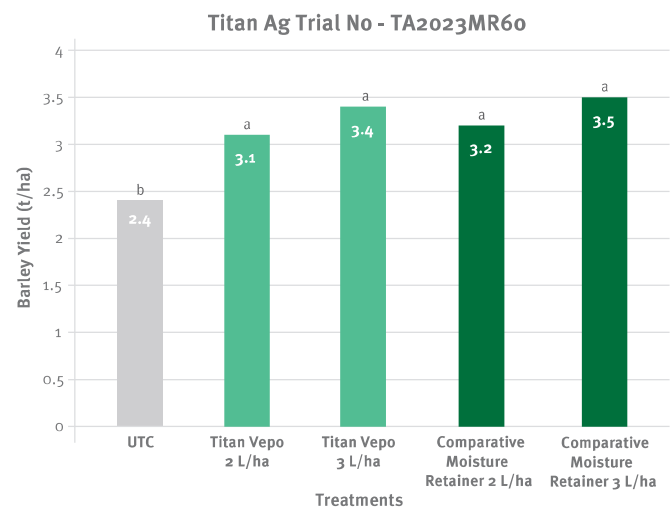
- » Located on non-wetting gravelly sand in Dale, west of Beverley, Western Australia
- » Application rate of 70 L/ha
- » Product placed close to Maximus barley seed
- » Applied with FMSA friction flow system.

### Assessments at 16 DAS

- » All product treatments – gained higher plant emergence counts than untreated.

### Assessments at 27 DAS

- » All treatments had an increase in plant count compared to the 16 DAS assessment.
- » All product treatments had higher plant count than untreated
- » A slight rate response was observed although not statistically significant.



Above trial TA2023MR60 was independently established, assessed, and analysed by SLR, York WA.

## COMPATIBILITY

Successful Titan Vepo compatibility tests have been conducted with:

- » Flexi-N and Flexi-NS
- » Titan Flutriafol 250 SC Fungicide
- » Titan Flutriafol 500 SC Fungicide

- » Uniform Fungicide
- » Evergol Energy Seed Treatment and In-furrow Fungicide

If three products are to be mixed together, conduct a jar test prior or contact Titan Ag for further details.

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