



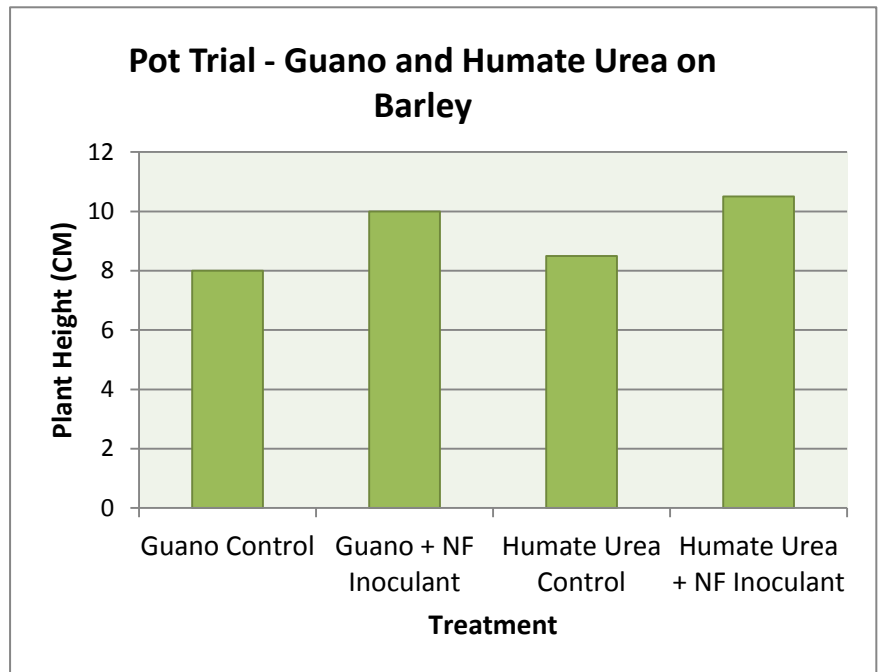
## Fertiliser Compatibility Trials

These are a series of pot trials that were undertaken to evaluate the performance of our Liquid and Dry Inoculants with fertiliser varieties. The trials include:

- Guano and Humate Urea on Barley with Liquid Inoculant
- Guano on Triticale with Liquid and Dry Inoculant
- Humate Urea on Triticale Liquid Inoculant
- Urea and Ammonium Nitrate Solution (UAN) on Triticale Liquid Inoculant
- PKS Blend with Dry Inoculant
- NPKS Blend with Dry Inoculant

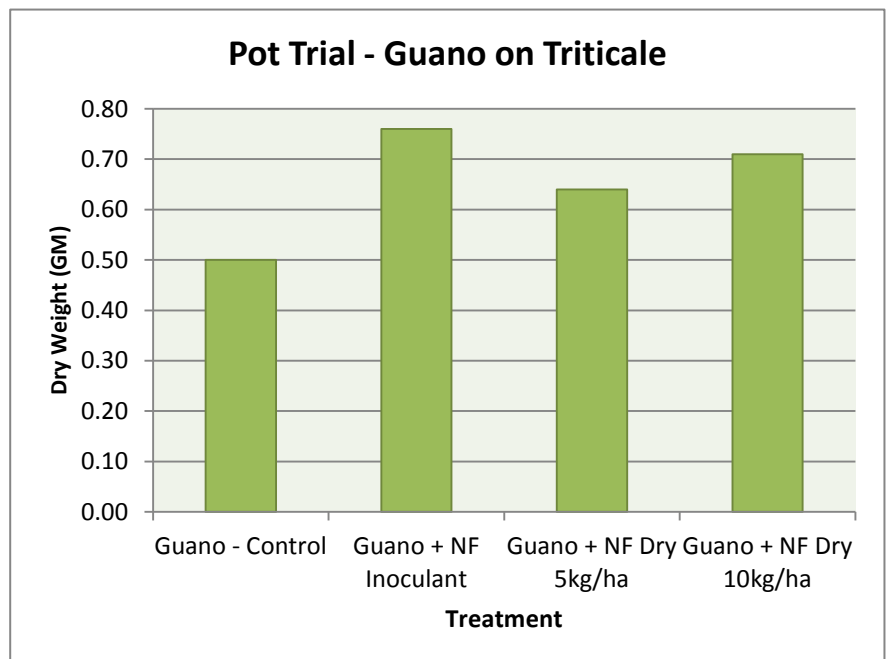
### Guano and Humate Urea on Barley

This trial showed that using our inoculant increased yield (barley height) by over 20% on both treatments when compared to the fertiliser treatments alone. The Humate Urea and NF inoculant treatment outperformed all of the other treatments.



### Guano on Triticale

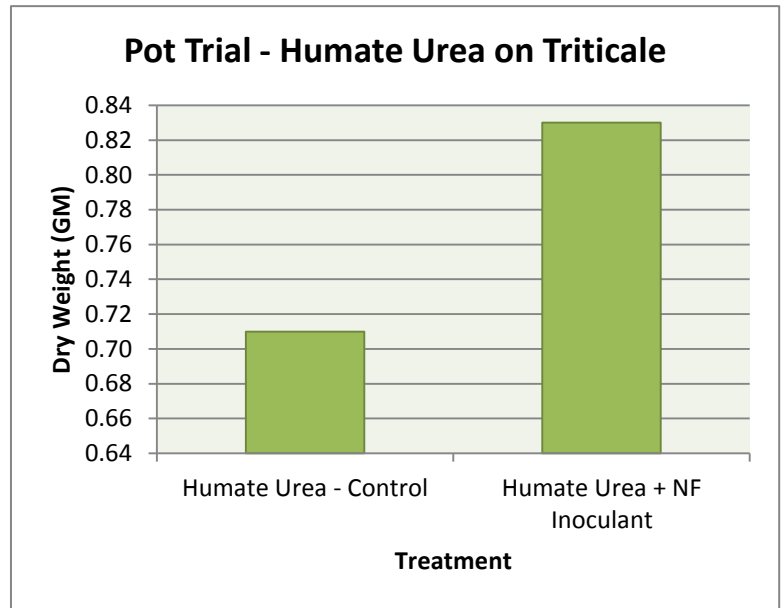
This trial showed that when using any NF treatment in conjunction with Guano on triticale there is a significant increase in yield (Dry Weight). The Liquid inoculant was the best performing treatment with nearly 50% increase in yield on the guano control. The dry inoculant didn't perform as highly but still showed a significant upgrade on the guano control.





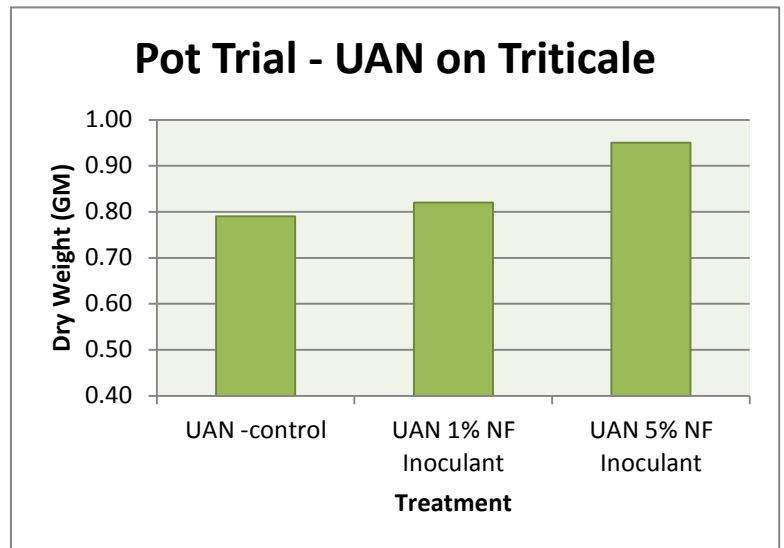
### Humate Urea on Triticale

In this trial using NF Inoculant alongside the Humate Urea treatment showed a 17% increase in yield (dry weight) on Triticale.



### UAN Trial on Triticale

This trial with UAN again on Triticale shows that using NF inoculant alongside UAN gives a yield increase. When use with 1% by volume of NF Inoculant the yield increase was 4% but when using 5% NF Inoculant the increase was 21%.

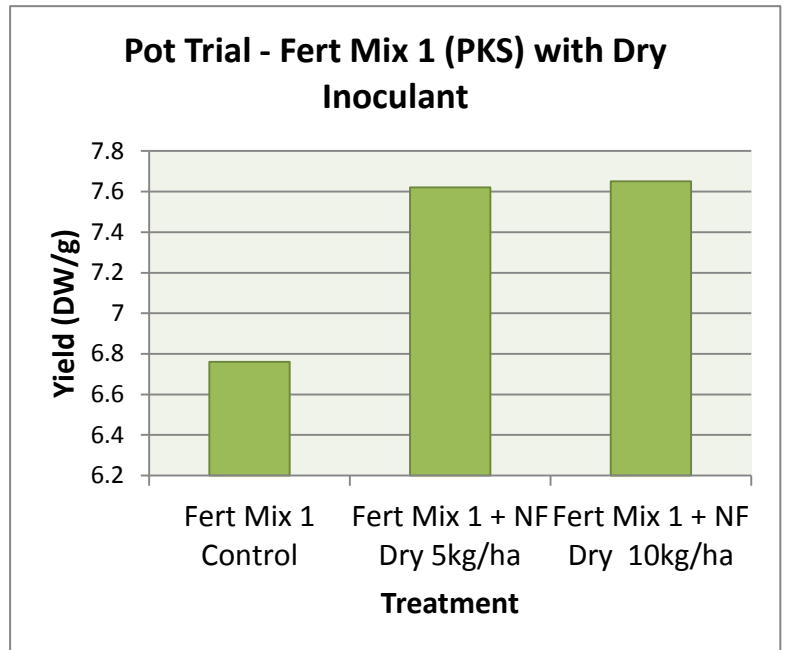




### PKS Blend with Dry Inoculant

This Trial was conducted by Mike Daly at Lincoln University (Nov-Jan 2014), with guidance from Dr Tim Jenkins. The trial had 10 replicates, and was maintained and harvested by technician, Dr Sonya Olykan (BHU, Lincoln University), and the data analysed by Dr Tim Jenkins.

The test crop was triticale. The results showed that NF Dry Inoculant gave a statistically significant increase in yield (5% significance). In treatment (Fert Mix) 1 we saw a 13 % increase on the treatments that used the Dry inoculant with 10kg per ha slightly out performing 5kg per ha.



### NPKS Blend with Dry Inoculant

In the treatment (Fert mix) 2 we saw both Dry inoculant treatments significantly outperform the control with 5kg per ha showing a 6% increase in yield and 10kg per ha showing an impressive 14% per ha.

