

# Abergowrie Enhanced Efficiency Fertiliser (EEF) Demonstration Site

## Economic Return (2015 – 2017)

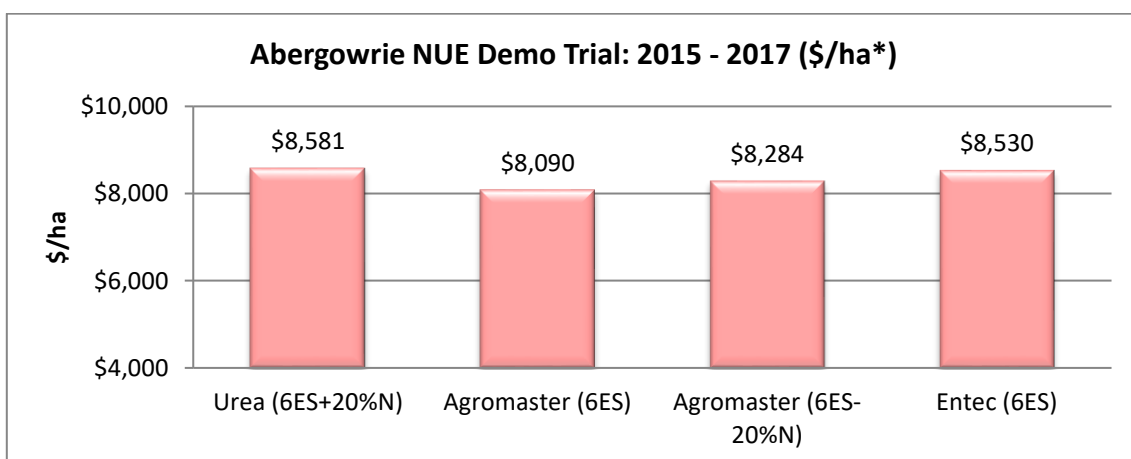
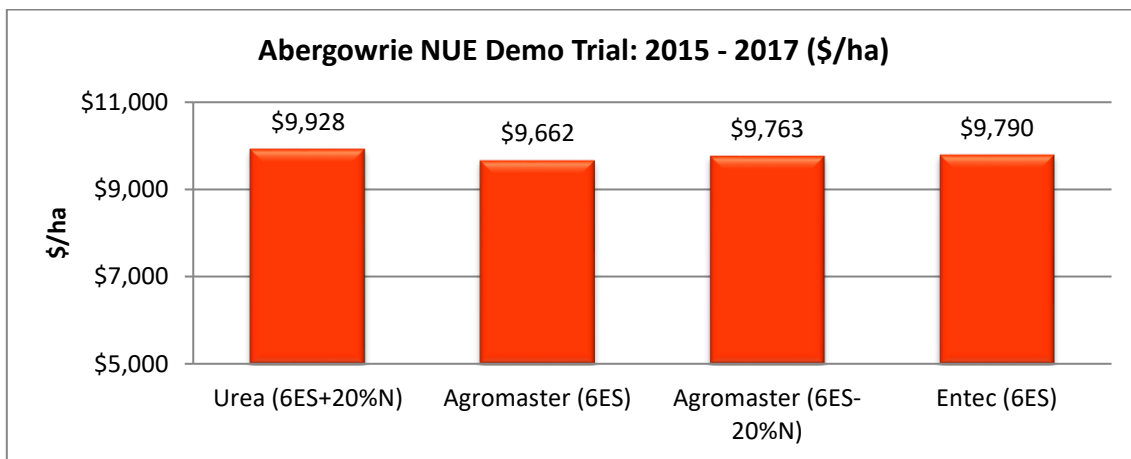
The following charts reflect the economic return from a demo site in the Abergowrie sub-district over a three-year period (1st – 3<sup>rd</sup> ratoon). The site compared N applied as urea and as enhanced efficiency fertiliser (EEF) products using the following four treatments;

*Urea (6ES + 20% N)    Agromaster® (6ES)    Agromaster® (6ES – 20% N)    Entec® (6ES)*

The first chart looks directly at the return, regardless of the cost of the fertiliser applied. The second looks at economic return after the cost of the fertiliser is considered.

Economic return for this site was predominantly affect by the cost associated with purchasing EEF products. Over the three-year period Entec® applied at the 6ES rate performed as well as the Urea, which was applied at a rate of 20% greater than 6ES recommendations. When factoring the cost of fertiliser, both Agromaster® treatments had a slightly lower economic return; primarily due to the extra cost of the products.

For this demo only Agromaster® was applied at below the 6ES recommendations. In summarising the results, it would have been interesting to also trial Entec® at a reduced N rate. Regardless, the results indicate that the application of extra N, over the recommended 6ES rate, was not necessary.



**NOTES:**

- Treatments were replicated 3 times within the trial
- Commercial cane sugar (CCS) and tonnes of cane per hectare (TCH) supplied by Wilmar Sugar (commercially harvested)
- \$/ha calculated on \$500/t sugar price and \$9.00 harvesting and levies.
- \$/ha\* = less cost of fertiliser applied
- Fertiliser price based on commercial cost