

**Objective:** Comparing different forms of Manganese response in Spring Barley

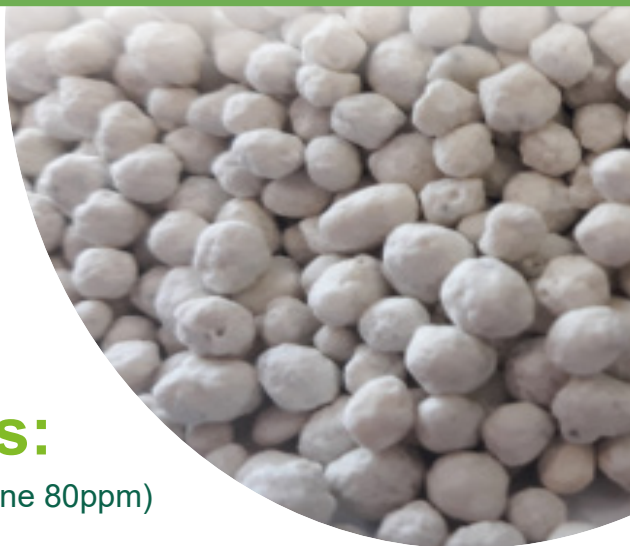
**Crop:** Spring Barley

**Location:** East Yorkshire

**Date:** 2016

**Researcher:** NDSM

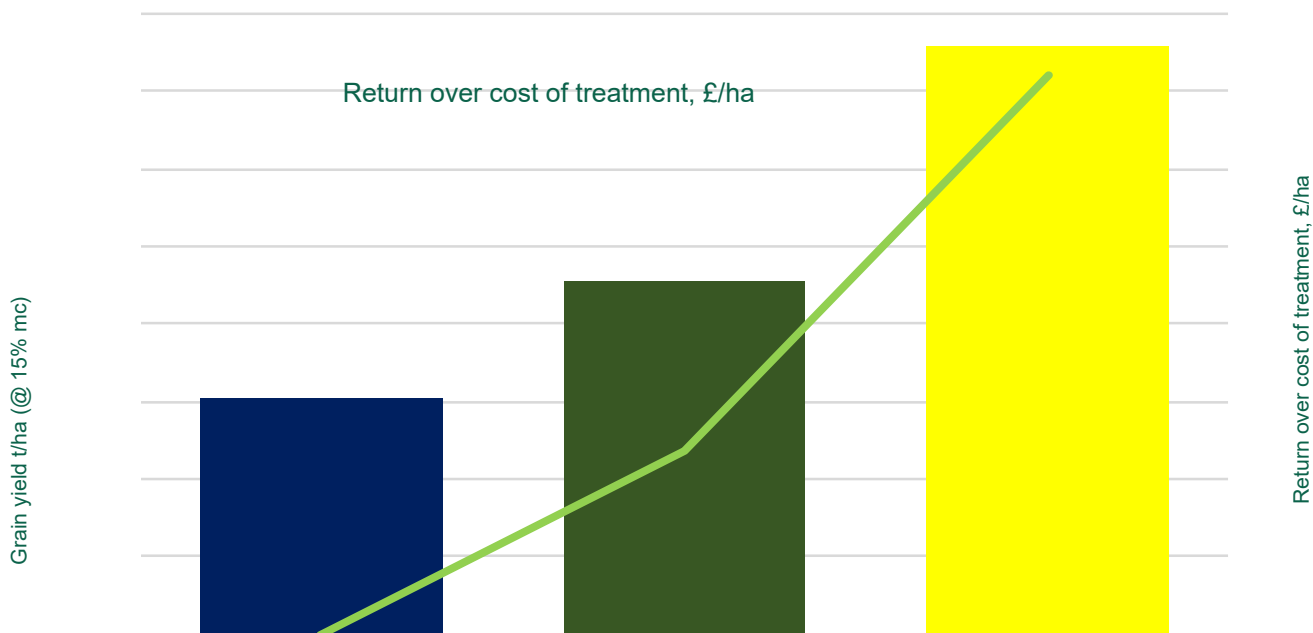
**Trial code:** 14208 2016



## Backgrounds and treatments:

- Sandy loam soil, pH 7.2, soil very low in Mn 27ppm (guideline 80ppm)
- 10.15.21 + 20 SO<sub>3</sub> applied to seedbed @ 375kg/ha
- Wolf Trax Mn DDP coated on to seedbed fertiliser
- Foliar Mn applied GS 12 and GS 31

## Results:



## Conclusions:

- Wolf Trax Mn alone increased yield by 0.30 t/ha, and gave a return on investment of £29.50/ha
- Wolf Trax Mn used in an integrated manganese programme showed synergy between applying early Mn and foliar Mn, increasing yield by 0.91 t/ha for a return on investment of £90.25/ha
- Wolf Trax Mn is proven in independent replicated trials in UK, Ireland and Denmark