

# TRIAL DATA SHEET

**SUSTAIN K<sup>α</sup>N**  
Powered by AGROTAIN<sup>®</sup> Powered by AGROTAIN<sup>®</sup>

## SUSTAIN<sup>®</sup>, the new name for KAN fertiliser, vs ammonium nitrate

**Objective:** Crop yield comparison between different N sources

**Crop:** Winter Wheat (cv Viscount)

**Location:** St Boswell

**Date:** 2014 Harvest

**Researcher:** Scottish Agronomy Limited

**Trial code:** RD99\_0008\_W\_14

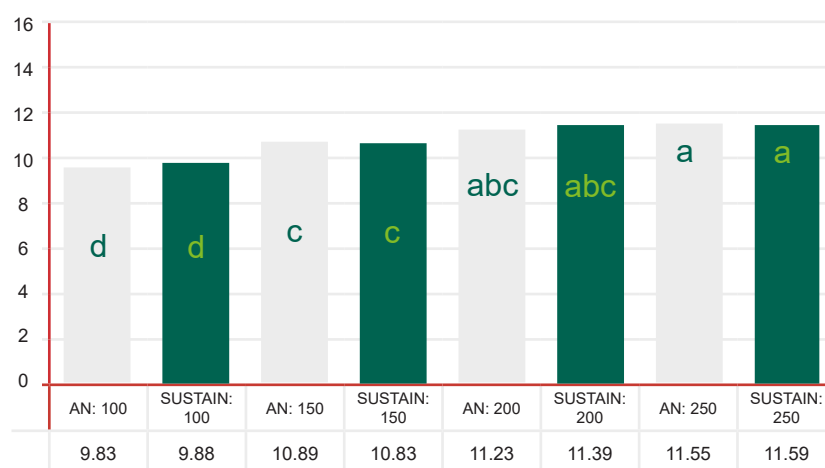


Nitrogen Rate (kg N/Ha)	Product Required (kg/Ha)	
	Ammonium Nitrate	SUSTAIN <sup>®</sup>
100	290	217
150	435	326
200	580	435
250	725	543

Application splits: 25% at GS 14-23. 50% at GS 30-32. 25% GS 37-45.

## Results:

N-types on Winter Wheat (Leeds), Scottish Agronomy Ltd, St Boswell, yield (t/ha grain)



Means followed by same letter do not significantly differ (P= 0.05, Duncan's New MRT)

## Conclusions:

- High nitrogen content of SUSTAIN<sup>®</sup> fertiliser means 33% less product is required to supply equal nitrogen compared to ammonium nitrate
- SUSTAIN<sup>®</sup> gave equal yields compared to ammonium nitrate at all nitrogen rates (P=0.05)

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