

# TRIAL DATA SHEET

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

## SUSTAIN®, the new name for KAN fertiliser, vs ammonium nitrate

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

**Crop:** Winter Wheat (Leeds)

**Location:** Balgonie, Glenrothes

**Date:** 2015 Harvest

**Researcher:** Scottish Agronomy Limited

**Trial code:** RD99\_003\_WW\_15

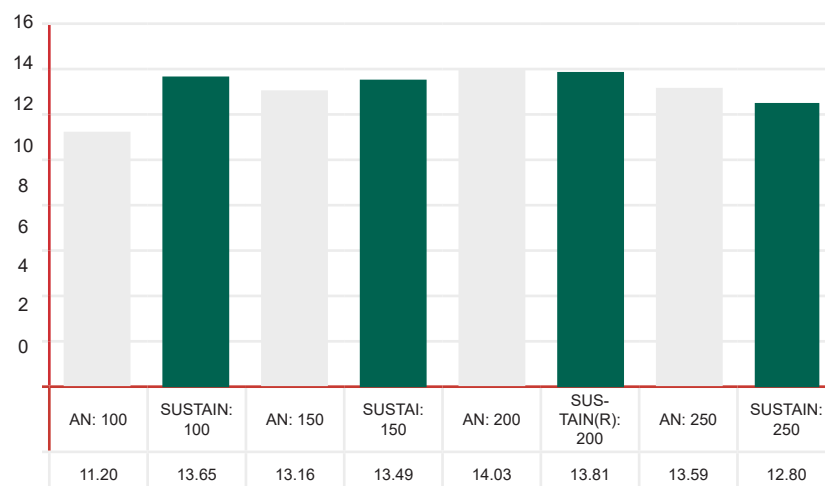


Nitrogen Rate (kg N/Ha)	Product Required (kg/Ha)	
	Ammonium Nitrate	SUSTAIN®
100	290	217
150	435	326
200	580	435
250	725	543

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

## Results:

N-types on Winter Wheat, Scottish Agronomy Ltd, Balgonie, Glenrothes, yield (t/ha grain)



## Conclusions:

- The trial showed using SUSTAIN® would have increased profit by up to £56/ha<sup>(1)</sup>.
- SUSTAIN® fertiliser gave a 3% increase in yield compared to ammonium nitrate when averaged across all treatments.
- At the 100kg N/Ha, SUSTAIN® fertiliser gave a 22% increase in yield compared to ammonium nitrate.
- High nitrogen content of SUSTAIN® fertiliser means 33% less product is required to supply equal nitrogen compared to ammonium nitrate.

(1) Based on averaged yields across all Nitrogen rates, AN priced at £250/tonne, SUSTAIN® priced at £315/tonne and wheat priced at £110/tonne.

Advanced nutrition for enhanced performance

t: 03333 239 230

e: [productenquiry@originfertilisers.co.uk](mailto:productenquiry@originfertilisers.co.uk)

[www.originfertilisers.co.uk](http://www.originfertilisers.co.uk)