

TRIAL DATA SHEET

SUSTAIN®



Objective: Crop yield comparison between ammonium nitrate and SUSTAIN®

Crop: Spring Barley (cv Odyssey)

Location: Balgonie, Glenrothes

Date: 2014 Harvest

Researcher: Scottish Agronomy Limited

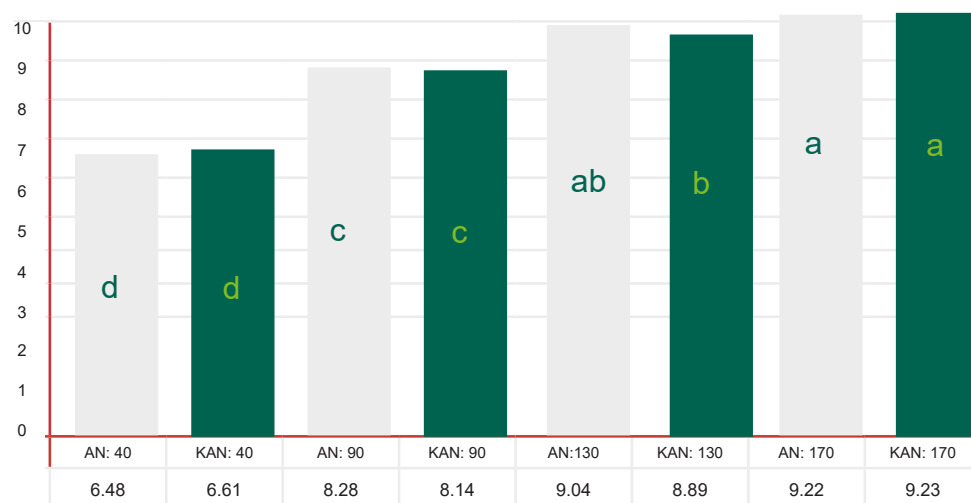
Trial code: RD99_002_SB_14

Treatments:

Nitrogen Rate (kg N/Ha)	Product Required (kg/Ha)	
	Ammonium Nitrate	SUSTAIN®
40	116	87
90	261	196
130	377	283
170	493	370

Application split: 50% at Pre-Em. 50% at GS 12-13

Results: N-types on Spring Barley 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® fertiliser means 33% less product is required to supply equal nitrogen compared to ammonium nitrate.
- SUSTAIN® gave equal yields compared to ammonium nitrate at all nitrogen rates ($P=0.05$).

Talk to us about prescription nutrition

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