

TRIAL DATA SHEET

SUSTAIN®



Objective: Crop yield comparison between ammonium nitrate and SUSTAIN®

Crop: Spring Barley (Concerto)

Location: Balgonie, Glenrothes

Date: 2015 Harvest

Researcher: Scottish Agronomy Limited

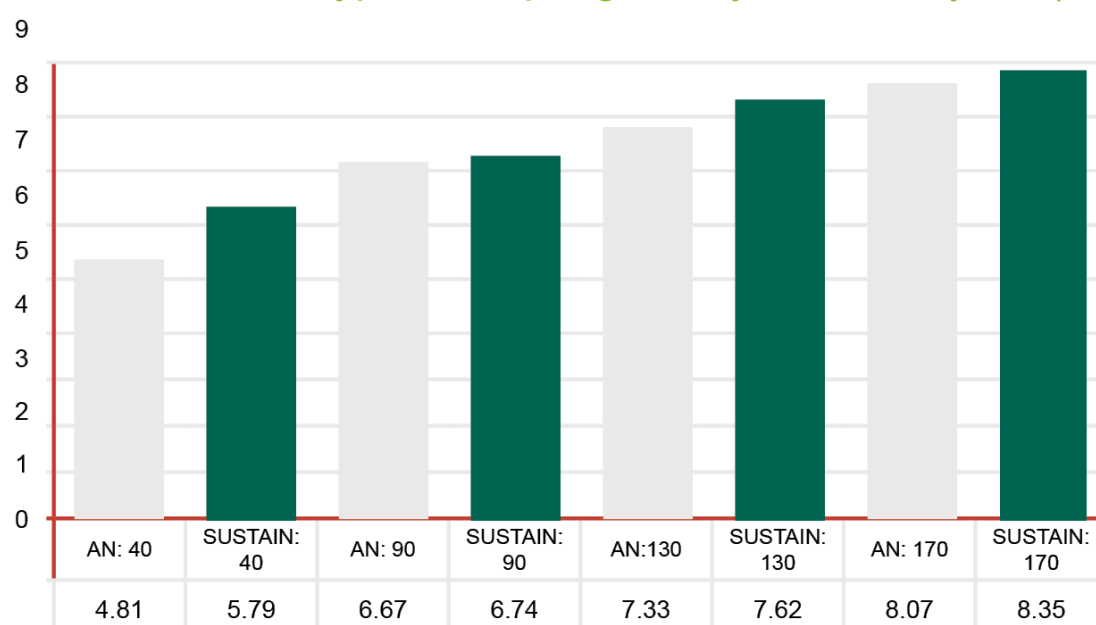
Trial code: RD99_002_SB_15

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 Concerto yield (t/ha grain)



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

Conclusions:

- SUSTAIN® fertiliser gave a 6% increase in yield compared to ammonium nitrate when averaged across all treatments.
- At 40kg N/Ha, SUSTAIN® fertiliser gave a 20% 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.

Talk to us about prescription nutrition

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