

TRIAL DATA SHEET

SUSTAIN[®]

Objective: Crop yield comparison between ammonium nitrate and SUSTAIN[®]

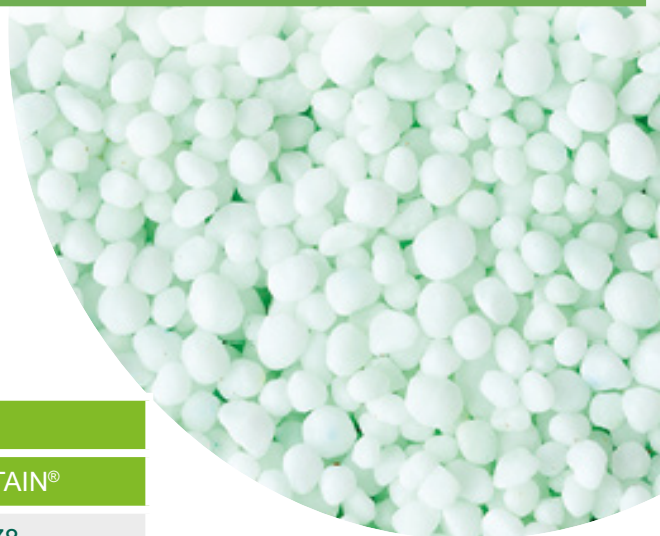
Crop: Winter Wheat (cv Gallant)

Location: Little Bromley

Date: 2011 harvest

Researcher: Agrii

Trial code: RD99_0010_W_11



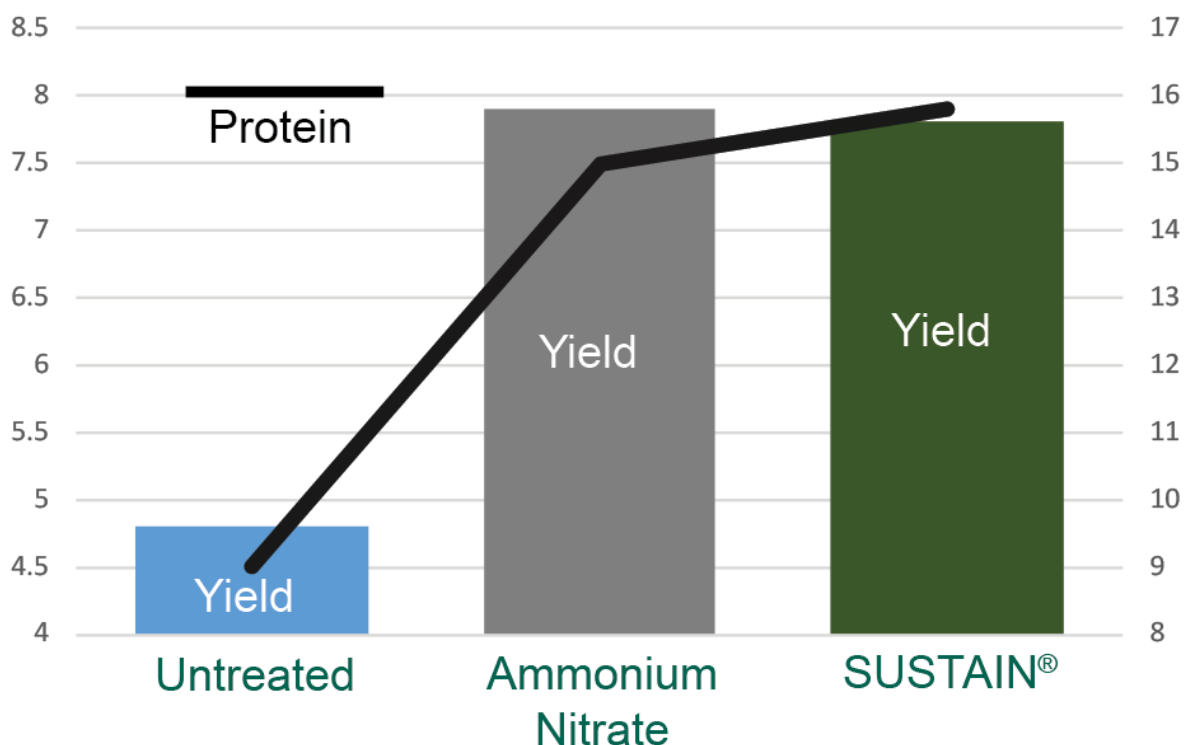
Treatments:

Product Required (kg/Ha)

Nitrogen Rate (kg N/Ha)	Ammonium Nitrate	SUSTAIN [®]
220	638	478

Application Splits: 1-15 March 60kg N; 1-10 April 50kg N; 20-30 April 50kg N; 10-20 May 60kg N

Results: N-types on Winter Wheat Gallant yield (t/ha grain)



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 (P=0.05)
- SUSTAIN[®] gave significantly greater protein content compared to ammonium nitrate (P=0.05)