

Objective: Crop yield comparison between ammonium nitrate and SUSTAIN®

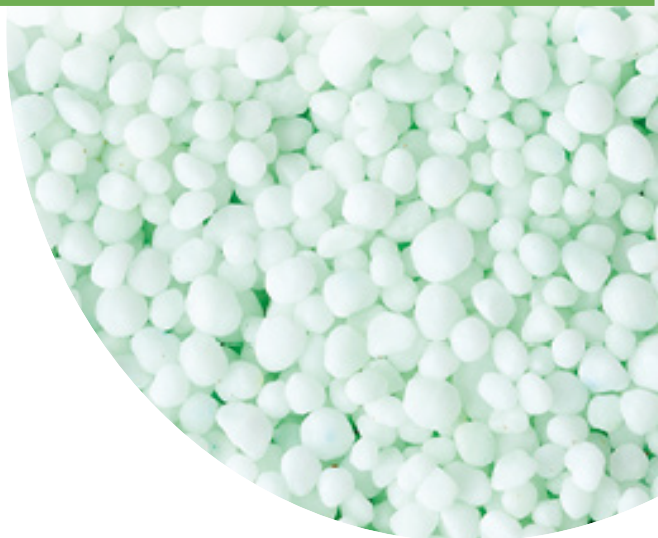
Crop: Potatoes (Maris Piper)

Location: Earith, Cambridgeshire, England

Date: 2015 Harvest

Researcher: Envirofields

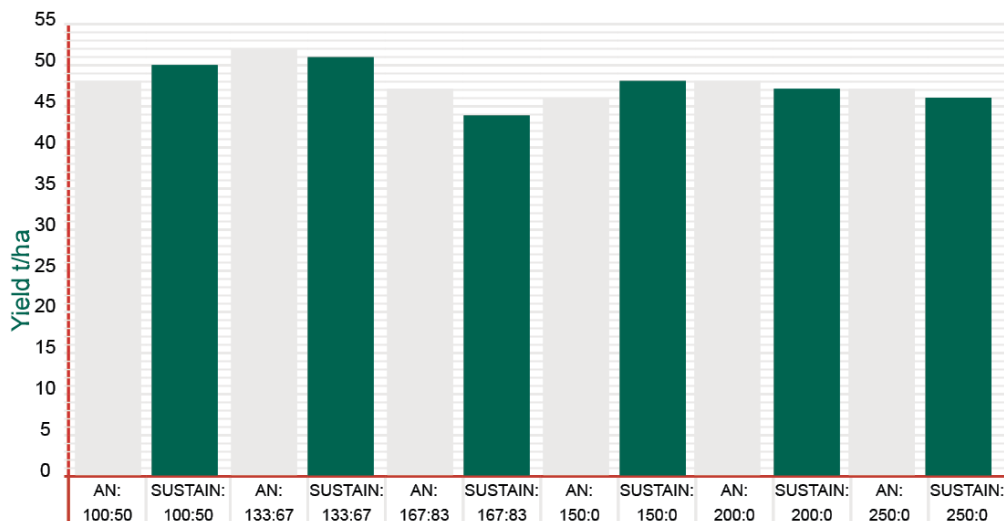
Trial code: RD99_004_POT_15



Treatments:

Nutrient Programme*	Total N Rate (kg N/ha)	Product Required (kg/Ha)	
		Ammonium Nitrate	SUSTAIN®
100:50	150	435	326
133:67	200	580	435
167:83	250	725	543
150:0	150	435	326
200:0	200	580	435
250:0	250	725	543

Results:



Conclusions:

- There was no statistical difference between the SUSTAIN® and AN nitrogen programme for total yield of potatoes.
- There was no statistical difference between the SUSTAIN® and AN nitrogen programme for yield at each size grade. Data available on request.
- High nitrogen content of SUSTAIN® means 33% less product is required to supply equal nitrogen compared to AN.

Talk to us about soil nutrition

For further details please contact your local fertiliser stockist or Goulding Soil Nutrition on 021 4911611 / www.gouldings.ie

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