

TRIAL DATA SHEET

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Koch Advanced Nitrogen[®] fertiliser vs ammonium nitrate

Objective: Crop yield comparison between different N sources

Crop: Potatoes (Maris Piper)

Location: Earith, Cambridgeshire

Date: 2015 Harvest

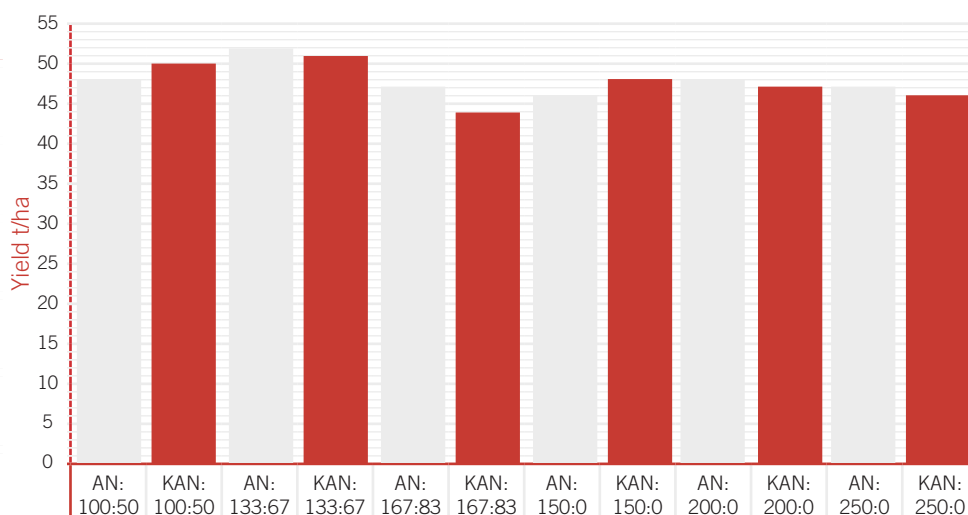
Researcher: Envirofields

Trial code: RD99_004_POT_15

Nutrient Programme*	Total N Rate (kg N/ha)	Product Required (kg/Ha)	
		Ammonium Nitrate	Koch Advanced Nitrogen [®]
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:

N-types on potatoes, Envirofields, Earith, Cambridgeshire, yield (t/ha)



*Application splits (kg/ha): At planting and shortly after emergence

Conclusions:

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

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