

TRIAL DATA SHEET

SUSTAIN **K^αN**
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SUSTAIN[®], the new name for KAN fertiliser, vs ammonium nitrate

Objective:	Crop yield comparison between different N sources
Crop:	Oilseed Rape (cv DK Expower)
Location:	Silver End
Date:	2011 harvest
Researcher:	Agrii
Trial code:	RD99_0012_OSR_11



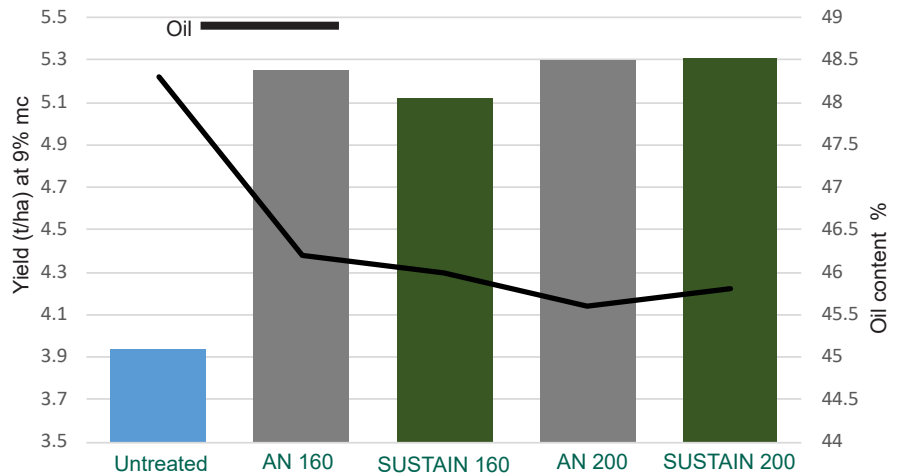
Nitrogen Rate (kg N/Ha)	Product Required (kg/Ha)	
	Ammonium Nitrate	SUSTAIN [®]
160	464	348
200	580	435

Application Splits:

160kg N - Stem Extension 10-25 March 80kg N;20-30 April 80kg N
200kg N - Stem Extension 10-25 March 100kg N;20-30 April 100kg N

Results:

N-types on Oilseed Rape ('DK Expower'), Agrii, Silver End, yield and oil content



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[®] produced equal oil content compared to ammonium nitrate at all nitrogen rates (P=0.05)

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