

TRIAL DATA SHEET

SUSTAIN®



Objective: Crop yield comparison between ammonium nitrate and SUSTAIN®

Crop: Oilseed Rape (cv DK Expower)

Location: Silver End

Date: 2011 harvest

Researcher: Agrii

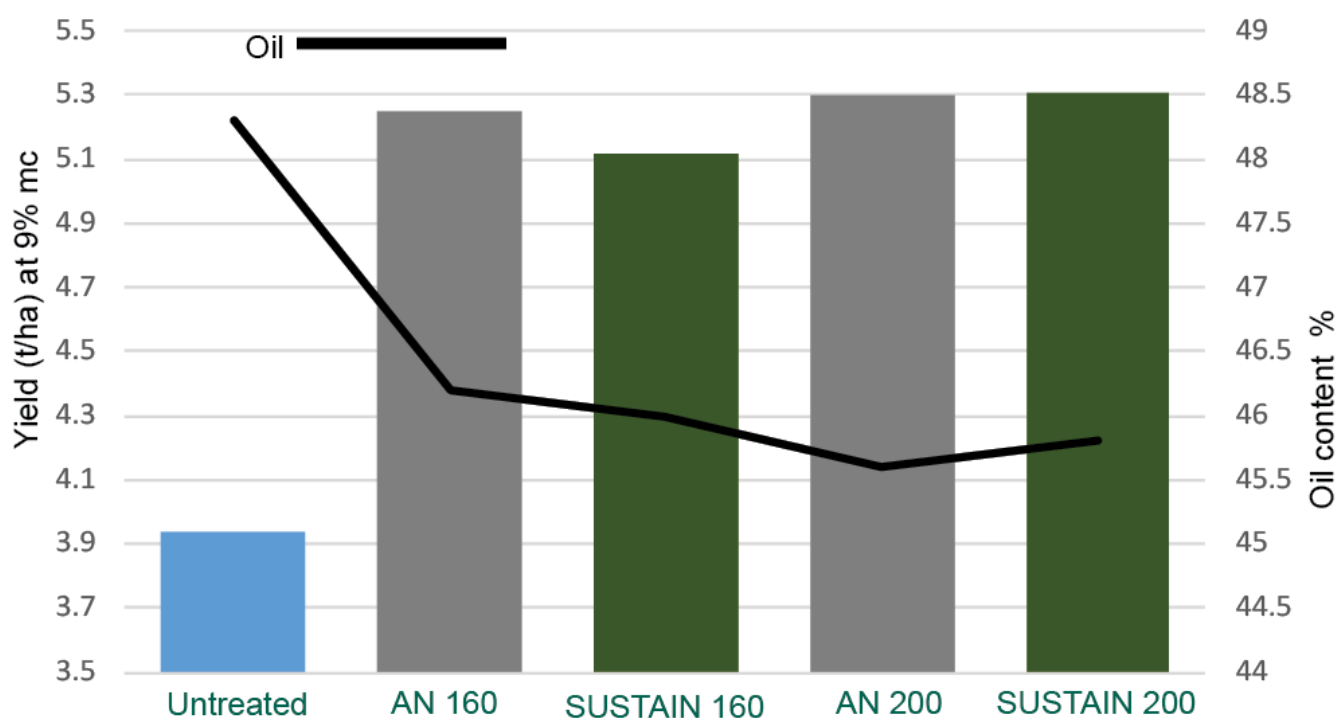
Trial code: RD99_0012_OSR_11

Treatments:

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

Application Splits: 1160kg 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 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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