



Loveland

AGRI PRODUCTS

Get Growing

CANOLA NUTRITION **Wangary, SA**

LOV16_

LANDMARK

Cummins Ag Services

Trial Design



Location:	Wangary (Giddings)
Plot Size:	8m x 2m
Replicates:	3
Soil Type:	Sand over Clay
Sowing Date:	28/04/16
Sowing Rates:	Diamond 3kg/ha
Fertiliser:	80 DAP + 70 Urea 3/6 - 70L UAN + 25L ATS 16/6 - 50L UAN 29/7 – 75L UAN (136N 30S)
Pesticides:	Double Knockdown 1.2 Triflur + 1 Propyzamide + 0.3 Dual Gold + 1 Lorsban 1/6 - 500 Select + 250 Targa + 150 Lontrel Advanced + 100 Transform + 0.5% Uptake 29/6 – 200ml Affirm for DBM

Soil Test Data and Rainfall



SOIL 0-10 cm	
pH (CaCl ₂)	4.7
DGT P	16
PBI	50

DEEP N 0-60cm	
Nitrate nitrogen (KCl) mg/kg	6.0
Ammonium nitrogen (KCl) mg/kg	1.8
Sulfate-S (KCl ₄₀) mg/kg	

Monthly Rainfall (mm)	Coulta
Station No:	18019
January	9
February	66
March	19
April	36
May	99
June	107
July	100
August	42
September	84
October	47
November	14
December	34
Total	657
2016 GSR	515
Mean	520

Canola Yield and Quality

Treatment	Yield (T/Ha)	Net \$/Ha
Untreated Control	1.13	562.50
Awaken ST 5L/T	1.44	719.97
Awaken 1.2L/Ha GS14	1.51	743.65
LSD 0.05	ns	
LSD 0.2	0.24	
CV	13.3	

PHOTOS



Conclusions

- Awaken ST although not statistically significant at 0.05 the yield advantage returned a \$157.47 advantage over the control treatment.