

Project: Canola nutrition
 Trial: RN1306
 District: Tulloona
 Variety: Pioneer 44Y84CL

Planting date: 31/05/2013
 Application dates: Immediately pre plant
 August 15th (Bolting)

Disclaimer:

This document is based on the results from an individual trial and may contain experimental use patterns that are currently off-label. **This document does not provide any interpretation and should not be taken as an endorsement of any unregistered use pattern.**

Professional advice should be sought for specific recommendations to ensure access to the most up to date information and knowledge.

Any product referred to in this document must be used strictly as directed, and in accordance with all label or permit instructions. Always consult the label prior to use.

Trt No.	P kg/ha	N kg/ha	S kg/ha	Timing	24/06/2013	24/07/2013	Harvest				
					Establishment Plants/m ²	NDVI	Yield kg/ha	Oil %	Moisture %	Test Weight kg/hL	Screenings %
1	0	29	20	IBS	39	0.81	933	36.4 abcde	5.4	65.8	0.9
2	10	29	20	IBS	34	0.81	770	38.1 ab	6.0	65.4	1.0
3	20	29	20	IBS	35	0.82	760	38.0 abc	5.3	65.3	0.9
4	30	29	20	IBS	36	0.82	792	37.7 abcd	5.8	66.1	1.0
5	0	79	20	IBS	36	0.80	738	38.3 a	5.5	65.4	0.8
6	10	79	20	IBS	33	0.81	694	35.0 e	5.5	65.3	1.2
7	20	79	20	IBS	34	0.80	803	35.9 bcde	5.7	65.4	1.0
8	30	79	20	IBS	36	0.81	825	37.6 abcd	5.5	65.3	1.0
9	0	129	20	IBS	31	0.80	705	37.0 abcde	5.5	63.7	1.1
10	10	129	20	IBS	34	0.80	597	37.9 abcd	5.0	63.3	1.4
11	20	129	20	IBS	32	0.81	792	38.1 abc	6.0	66.4	1.0
12	30	129	20	IBS	33	0.81	836	35.0 e	5.5	65.7	0.9
13	30	129	5	IBS	33	0.81	770	34.9 e	5.3	65.8	0.9
14	30	129	35	IBS	36	0.81	814	35.8 de	5.3	66.1	0.9
15	30	29 fb 100	20	+100 units N at bolting	31	0.82	933	35.8 cde	5.6	66.4	0.8
P =					0.65	0.32	0.61	<0.01	0.50	0.53	0.46
LSD =					nsd	nsd	nsd	2.3 to 2.4	nsd	nsd	nsd
CV =							23.6				

NB: Large variations in yield due to an unexplained environmental factor

Factorial Analysis (all in presence of 20 kg/ha S)	9/08/2013	Harvest 4/11/2013 (167 DAP)				
	NDVI	Yield Kg/ha	Oil %	Moisture %	Test Weight kg/hL	Screenings %
Nitrogen Added (kg/ha)						
29	0.81	814	37.6	5.6	65.6	0.9
79	0.80	765	36.7	5.6	65.3	1.0
129	0.81	732	37.0	5.5	64.8	1.1
P=	0.18	0.55	0.23	0.81	0.41	0.49
LSD=	nsd	nsd	nsd	nsd	nsd	nsd
Phosphorus Added (kg/ha)						
0	0.80	792	37.2	5.5	64.9	0.9
10	0.81	687	37.1	5.5	64.7	1.2
20	0.81	785	37.3	5.7	65.7	0.9
30	0.81	817	36.7	5.6	65.7	1.0
P=	0.209	0.46	0.75	0.81	0.43	0.20
LSD=	nsd	nsd	nsd	nsd	nsd	nsd
Nitrogen x Phosphorus Interaction						
P=	0.633	0.79	<0.01	0.23	0.50	0.70
LSD=	nsd	nsd	2.1 to 2.2	nsd	nsd	nsd