

Project: Canola nutrition
Trial: AM1314
District: Bellata
Variety: 44Y84
Planting date: 21/05/2013
Starting N: 140 kg/ha
Starting Colwell P: 12
Fertiliser: T1 at planting (IBS)

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	7/06/2013	30/07/2013	28/10/2013
				Emergence Plants/m ²	NDVI	Yield kg/ha
1	0	29	20	12.5	0.82 f	1134
2	10	29	20	13.1	0.86 abc	1178
3	20	29	20	12.7	0.86 ab	1192
4	30	29	20	10.0	0.83 bcdef	1253
5	0	79	20	10.6	0.83 def	1128
6	10	79	20	10.9	0.83 bcdef	1225
7	20	79	20	15.7	0.84 abcdef	1284
8	30	79	20	15.6	0.85 abcde	1231
9	0	129	20	13.9	0.83 cdef	1209
10	10	129	20	10.8	0.82 ef	1258
11	20	129	20	18.0	0.86 a	1181
12	30	129	20	13.1	0.84 abcdef	1303
13	30	129	5	13.9	0.86 abcd	1234
14	30	129	35	18.0	0.86 abcd	1325
15	30	29	20	17.8	0.85 abcde	1250
			P =	0.42	0.04	0.13
			LSD =	nsd	0.02	nsd
			CV =			7.4

Trt No.	P kg/ha	N kg/ha	S kg/ha	Grain Quality			
				Oil %	Grain Moisture %	Test Weight kg/hL	Screenings %
1	0	29	20	40.1	5.5	64	0.7
2	10	29	20	38.3	7.5	66	0.5
3	20	29	20	39.8	5.5	64	0.7
4	30	29	20	39.9	5.2	66	0.5
5	0	79	20	39.4	5.6	66	0.6
6	10	79	20	38.5	5.2	65	0.7
7	20	79	20	39.4	5.3	65	0.6
8	30	79	20	39.0	5.2	65	0.6
9	0	129	20	39.6	5.6	65	0.6
10	10	129	20	39.3	5.9	64	0.6
11	20	129	20	39.6	5.5	66	0.5
12	30	129	20	39.5	5.3	65	0.7
13	30	129	5	39.1	5.5	66	0.6
14	30	129	35	38.6	6.2	66	0.6
15	30	29	20	39.8	5.8	64	0.8
P =				0.38	0.10	0.11	0.47
LSD =				nsd	nsd	nsd	nsd

Factorial analysis (Treatments 1-12, all in presence of 20 kg/ha S)	30/07/2013	28/10/2013	Grain Quality			
	NDVI	Yield kg/ha	Oil %	Grain Moisture %	Test Weight kg/hL	Screenings %
Nitrogen Added (kg/ha)						
29	0.84	1190	39.5	5.9	65	0.6
79	0.84	1217	39.1	5.3	65	0.6
129	0.84	1238	39.5	5.6	65	0.6
P=	0.87	0.31	0.45	0.13	0.86	0.48
LSD=	nsd	nsd	nsd	nsd	nsd	nsd
Phosphorus Added (kg/ha)						
0	0.83 b	1157 b	39.7	5.5 ab	65	0.6
10	0.84 ab	1220 ab	38.7	6.1 a	65	0.6
20	0.86 a	1219 ab	39.6	5.4 b	65	0.6
30	0.84 ab	1263 a	39.4	5.3 b	65	0.6
P=	0.02	0.05	0.13	0.04	0.96	0.91
LSD=	0.018	73.4	nsd	0.04	nsd	nsd
Nitrogen x Phosphorus interaction						
P=	0.20	0.44	0.82	0.07	0.09	0.44
LSD=	nsd	nsd	nsd	nsd	nsd	nsd