

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.**

***Pratylencus thornei* - Chickpea Deep P x Row Spacing 2015 - Macalister**

Trial ID: LB1505 Chickpea Deep P

Location: Macalister

Trial Year: 2015

Investigator: Linda Bailey

Crop Name Rating Date Rating Type Rating Unit		Chickpea	
		16/06/2015	16/06/2015
		DRY MATTER t/ha	YIELD t/ha
Trt No.	Treatment		
TABLE OF A (<i>P thornei</i> population) MEANS			
1	Low	10.83	3.63
2	High	10.12	3.59
TABLE OF B (Deep P) MEANS			
1	Nil P (10N)	10.28	3.65
2	Deep P (22P, 10N)	10.67	3.58
TABLE OF C (Variety) MEANS			
	PBA HatTrick	10.16	3.64
	PBA Seamer	10.79	3.58
TABLE OF D (Row Spacing) MEANS			
	25cm	11.53a	3.89a
	100cm	9.42b	3.33b

Means followed by same letter do not significantly differ (P=.05, LSD)

Key Results:

- No significant difference in yield between either variety
- No significant difference in yield due to *P thornei* population
- No significant difference in yield under +/- deep P
- Significant effect on yield between the two row spacing's (25cm and 100cm)

***Pratylenicus thornei* - Chickpea Deep P x Row Spacing 2015 - Macalister**

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Location: Macalister

Trial Year: 2015

COMPLETE SPLIT-PLOT AOV Chickpea Dry Matter t/ha					
Fixed term	Wald statistic	n.d.f.	F statistic	d.d.f.	F pr
NemRisk	1.72	1	1.72	5.5	0.242
DeepP	1.58	1	1.58	26	0.219
RowSpacing	46.77	1	46.77	26	<0.001
Cultivar	3.81	1	3.81	28.1	0.061
NemRisk.DeepP	1.86	1	1.86	26	0.184
NemRisk.RowSpacing	0.04	1	0.04	26	0.841
DeepP.RowSpacing	0.4	1	0.4	28.1	0.531
NemRisk.Cultivar	0.85	1	0.85	28.1	0.365
DeepP.Cultivar	0.06	1	0.06	26	0.803
RowSpacing.Cultivar	0.01	1	0.01	26	0.936
NemRisk.DeepP.RowSpacing	1.83	1	1.83	28.1	0.187
NemRisk.DeepP.Cultivar	1.72	1	1.72	26	0.201
NemRisk.RowSpacing.Cultivar	0.05	1	0.05	26	0.824
DeepP.RowSpacing.Cultivar	1.49	1	1.49	28.1	0.233
NemRisk.DeepP.RowSpacing.Cultivar	2.18	1	2.18	28.1	0.151

COMPLETE SPLIT-PLOT AOV Chickpea YIELD t/ha					
Fixed term	Wald statistic	n.d.f.	F statistic	d.d.f.	F pr
NemRisk	0.87	1	0.87	4.9	0.394
DeepP	0.25	1	0.25	25	0.621
RowSpacing	51.04	1	51.04	25	<0.001
Cultivar	0.51	1	0.51	28.7	0.482
NemRisk.DeepP	0.02	1	0.02	25.1	0.894
NemRisk.RowSpacing	0	1	0	25.1	0.997
DeepP.RowSpacing	0.05	1	0.05	28.1	0.831
NemRisk.Cultivar	1.14	1	1.14	28.8	0.294
DeepP.Cultivar	0.47	1	0.47	24.2	0.498
RowSpacing.Cultivar	5.96	1	5.96	24.2	0.022
NemRisk.DeepP.RowSpacing	0.22	1	0.22	28.1	0.643
NemRisk.DeepP.Cultivar	4.28	1	4.28	24.3	0.049
NemRisk.RowSpacing.Cultivar	2.94	1	2.94	24.3	0.099
DeepP.RowSpacing.Cultivar	0.23	1	0.23	28.8	0.636
NemRisk.DeepP.RowSpacing.Cultivar	1.5	1	1.5	28.8	0.23