

Nodulaid Evaluation in Fieldpea Pt Broughton, SA10_06

Results:

Table 1. Summary of yield assessments.

Trt. No.	Treatment.	Yield T/ha.	Yield % of UTC.
1	UTC	4.07 a	100
2	Nodulaid	4.53 a	111
3	Nodulaid Biostacked	4.35 a	107
4	Nodulaid Biostacked + Florite	4.17 a	102
Co-efficient of variation		7.5%	
LSD 5%		0.64	

Note: Means followed by the same letter do not differ significantly.

Discussion:

This trial was sown relatively early into drying soils. Rainfall through winter was average with above average rainfall in spring and cool ripening conditions resulting in good yields. Due an unfortunate miscalculation, the rate of Lexone + Gesatop was higher than usually acceptable on such soil types. This resulted in a stunting of crop growth for the first half of the season and one could expect yields to be higher if the appropriate rate had been applied.

The application of all Nodulaid treatments resulted in a yield increase over the untreated, however none were statistically significant. The trend though supports the utilisation of Nodulaid to assist in improving crop yields and contributing to the soil nitrogen pool. Inoculating field peas is not widely practiced and this result, coupled with similar results in 2009 at Paskeville, should be taken heed of.

Durum Variety Trial Pt Broughton, 2010. SA10_02

Results:

Table 1. Summary of yield assessments.

Trt. No.	Variety	Yield T/ha	Yield % of Kalka	Protein %	Test Weight	Bin Grade	Return /ha Yield x \$/T
1	Tjilkuri (801)	3.82 c	112	8.3	79.4	FED1	\$695
2	802	3.97 bc	116	8.2	77.2	FED1	\$723
3	803	4.54 a	132	7.8	79.9	FED1	\$826
4	71140	4.18 b	122	7.9	79.6	FED1	\$761
5	Caparoi	2.92 e	85	10.0	83.0	DR3	\$671
6	Kalka	3.42 d	100	9.0	81.6	FED1	\$622
7	Hypemo	4.07 bc	119	8.0	78.8	FED1	\$741
8	Saintly	3.45 d	101	9.2	80.6	FED1	\$628
Co-eff. of variation		5.3%					
LSD 5%		0.35					

Note: Prices taken from AWB daily contract price, Yorke Peninsula, 20th December, 2010.
DR3 \$230/T, FED1 \$182/T