

Project: Botrytis seedling blight on chickpea
 Trial: RH1112
 District: Tulloona

Planted: 19/05/2011

NB: Products applied as seed treatments
 to known infected seedlots pre-planting

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 pe instructions. Always consult the label prior to use.

Factorial Analysis		Chickpea Plant Stand Plants m ² 9/06/2011 21 DAP	Botrytis Infection % of Plants Infected 10/06/2011 22 DAP	Yield kg/ha 2/11/2011
Seed Lot				
Junefield		25	0.9 b	2730 a
Wandalla		23	2.5 a	2533 b
P =		0.13	<0.001	0.02
LSD =			Detransformed	166
Fungicide				
Nil		14 b	19.9 a	2116 b
P Pickle-T		29 a	0.0 *	2884 a
Thiram		26 a	0.7 b	2794 a
Rovral		26 a	0.2 b	2731 a
P =		0.00	0.00	0.00
LSD =		4.3	Detransformed	244
Seed Lot x Fungicide				
Junefield	Nil	20 b	15.1	2369
Wandalla	Nil	7 c	25.7	1863
Junefield	P Pickle-T	30 a	0.0 *	2863
Wandalla	P Pickle-T	29 a	0.0 *	2906
Wandalla	Rovral	27 a	0.5	2888
Junefield	Rovral	25 ab	0.1	2700
Wandalla	Thiram	28 a	0.9	2800
Junefield	Thiram	25 ab	0.5	2663
P =		0.00	0.71	0.14
LSD =		6.1	Detransformed	nsd
CV =				8.6

* Excluded from analysis as all values were 0

Field comments:

9/06/2011: A clear difference visually in the paddock between the untreated and treated seed

Untreated seed had very poor emergence, those seedlings that did emerge look wilted, dying off (seedling blight?)

No significant difference between the two seed treatments, both seemed to be equally effective on both seed lots.

The poorest seed lot Wandalla appeared to yield just as well as the seed lot with the lower amount of grey mould Junefield provided it was treated with one of the seed treatments.

Thiram (600 g/L thiram) at 200 mL/100 kg seed

P Pickle T (360g thiram+200g/L thiabendazole) at 200 mL/100 kg seed

Rovral (250 g/ L iprodione) at 700 mL/100 kg seed

All products applied in total volume (product + water) of 1200 mL/100 kg seed

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