

STAGE 4 CHICKPEA VARIETY TESTING

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AIM

Evaluate new and existing chickpea varieties.

TRIAL DETAILS

Property	Bruce White, Carnamah
Registered Trial Number	05CH57
Soil group	Coloured Deep Sand. Soil pH (CaCl ₂) 4.7 @ 10cm. 6.2 @ 30cm
Sowing date	27 th May 2005
Seeding rate	Chick Pea @ 77 kg/ha
Fertiliser (kg/ha)	27 th May, Diammonium phosphate (D.A.P) @ 75 kg/ha
Paddock rotation	2004 = Wheat, 2003 = Lupins, 2002 = Wheat
Herbicides	27 th May: Sprayseed @ 1 L/ha 28 th June: Broadstrike @ 25 g/ha, Bravo-chlorothalonil @ 1 L/ha 20 th July: Select @ 250 mL/ha, Bravo-chlorothalonil @ 1.5 L/ha

Results

Test Name	Grain (kg/ha)	%	Harvest Height	%
Howzat	1512	108*	20	80
Genesis836	1430	102	30	120
Sonali	1399	100	25	100
Sonali	1337	96	25	100
Flipper	1317	94	25	100
Sonali	1317	94	20	80
Genesis508	1255	90*	20	80
Yorker	1212	87*	20	80
Rupali	1173	84*	25	100
Genesis090	1029	74*	30	120
Howzat	1512	108*	20	80
Genesis836	1430	102	30	120
Sonali	1399	100	25	100
Sonali	1337	96	25	100
Flipper	1317	94	25	100
Sonali	1317	94	20	80
Chick Pea Mean	1329		24	
Chick Pea Av.SED	76			
Chick Pea CV.	7.0		21.6	

* = significant (p=0.05)

Adjusted Yield data. Observation data unadjusted. Percentages are of Sonali as control.

COMMENTS

Pre Sowing comment: Good rains at end of March. Good knockdown.

Early Season comment: Trial slow to germinate as weather cooled down. Trial looks good, weeds controlled with sprays.

Mid Season comment: Dry July, but trial still looks good.

Pre Harvest comment: Good rains in Aug and Sept finish trial off nicely, trial site clean.

Report as at 13:25:56 06 JAN 2006 analysis as at 23 DEC 2005.