

Additional Information (refer to trials table at start)

Harvest Timing Trial – Chickpeas, Wimmera, Victoria

Results

Trial not harvested due to drought, frost and heat.

Chickpea Row Spacing Trial, Yenda 2006

Aim: To look at the yield response of new chickpea varieties to varying row spacing.

Trial Cp1: Yenda (DRA06YEND)

Co-operator: Kym & Judy Eckerman and Nick & Trish Eckerman

“Hillview” Yenda

Sowing date: 6th July 2006

Fertiliser: 115 kg/ha Grain Legume Super

Herbicides: July Sencor @ 280g/ha

September Correct @ 200 ml/ha

October Sumi Alpha @ 200 ml/ha

Method: Four spacings: 19cm, 30cm, 50cm & twin 50cm (two rows 35/15cm apart). Two adjacent runs of the cone seeder were used per plot to give sufficient width. Target plant density was 35 plants/m².

Results and Discussion

The trial site was too affected by moisture stress to provide any meaningful results, with the site plot yields extremely low. There was no significant variety by row spacing interaction ($p=0.524$), however there were significant main effects for variety ($p<0.001$) and row spacing ($p<0.001$).

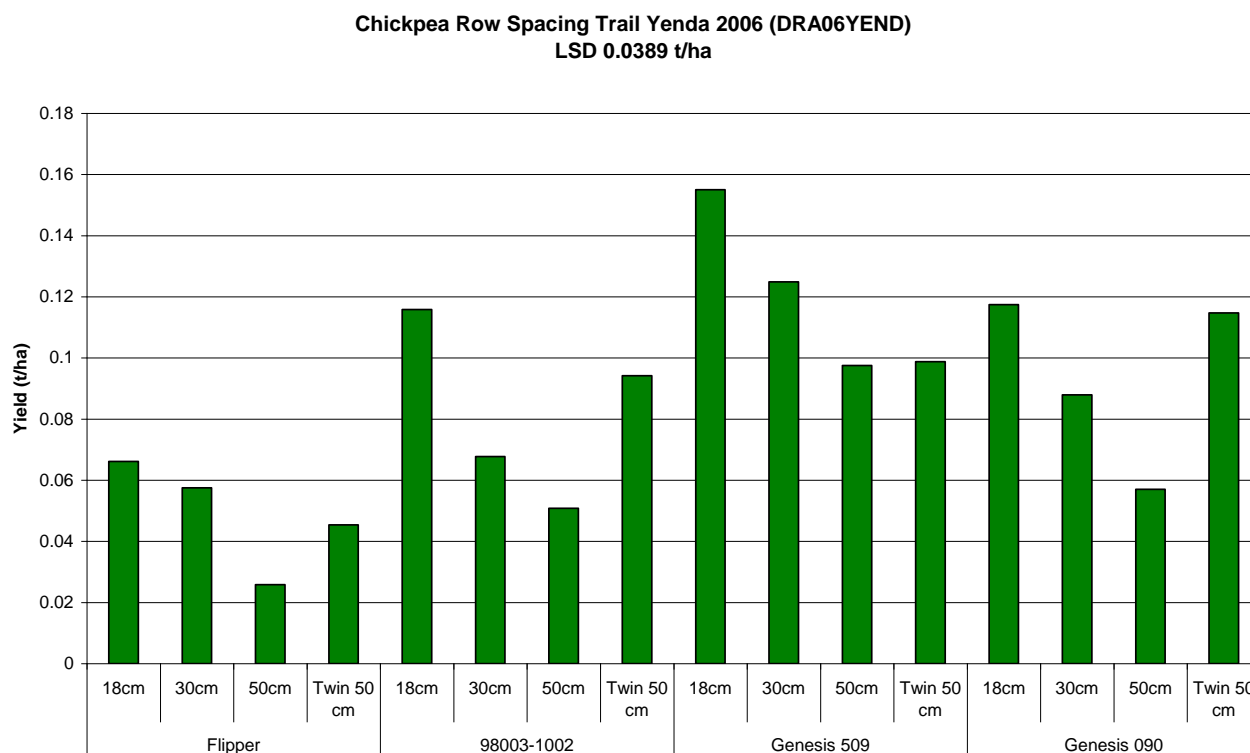


Table 9. Row spacing, plant densities and yield for Yenda chickpea row spacing trial 2006

Variety	Row Spacing	Established Plant Population (pl/m²)	Yield (t/ha)
Flipper	Twin 50 cm	28.1	0.0454
Flipper	30 cm	26.1	0.0575
Flipper	19 cm	21.4	0.0661
Flipper	50 cm	34.4	0.0258
98003-1002	Twin 50 cm	25.6	0.0942
98003-1002	30 cm	24.4	0.0677
98003-1002	19 cm	24.4	0.1158
98003-1002	50 cm	30.8	0.0508
Flip94-509	Twin 50 cm	26.9	0.0988
Flip94-509	30 cm	29.4	0.1249
Flip94-509	19 cm	21.7	0.155
Flip94-509	50 cm	36.7	0.0975
Genesis90	Twin 50 cm	18.6	0.1147
Genesis90	30 cm	21.4	0.0879
Genesis90	19 cm	15.3	0.1174
Genesis90	50 cm	27.5	0.057
Overall LSD			0.0389