



Chickpea Variety Demonstrations – East Buntine

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Aim

To evaluate the performance of new chickpea varieties under farmer practice.

Background

This demonstration was conducted using farmer equipment. Farm scale demonstrations are a valuable way to explore new varieties, products or practices, complimenting results which are produced through more scientifically rigorous, small plot trials.

Trial Details

Property	Fitzsimons Property, east Buntine
Plot size & replication	18.5m x 100m x 1 replication
Soil type	Sandy loam
Soil pH (CaCl₂)	0-10cm: 6.0
EC (dS/m)	0-10cm: 0.179
Sowing date	02/05/2014
Seeding rate	80 kg/ha
Paddock rotation	2011: pasture, 2012: wheat, 2013: canola
Fertiliser	02/05/2014: 30 kg/ha DAPSZC
Fungicide	02/05/2014: 10 kg/ha Alosca
Herbicides & Insecticides	02/05/2014: 1.5 L/ha Gramoxone, 275 g/ha Diuron
	09/05/2014: 100 g/ha Balance
	28/08/2014: 300 mL/ha Alpha Cypermethrin
Growing Season Rainfall	180mm

Results

Table 1: Yield of chickpeas sown at east Buntine.

Variety	Yield(t/ha)
PBA Striker	0.32
Genesis836	0.33
Neelam	0.36
Ambar	0.38

Comments

Extreme weather conditions in August resulted in significant yield penalties.

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