

# Field Pea Crop Variety Trial – Wongan Hills

Australian Crop Accreditation System Limited

**GRDC** Grains Research & Development Corporation  
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## Aim

To evaluate yields and quality of new and existing field pea varieties.

## Background

NVT is a national program of comparative crop variety testing with standardised trial management, data generation, collection and dissemination. The program is supported by the Australian Government and growers through the Grains Research and Development Corporation and is managed by the Australian Crop Accreditation System Limited.

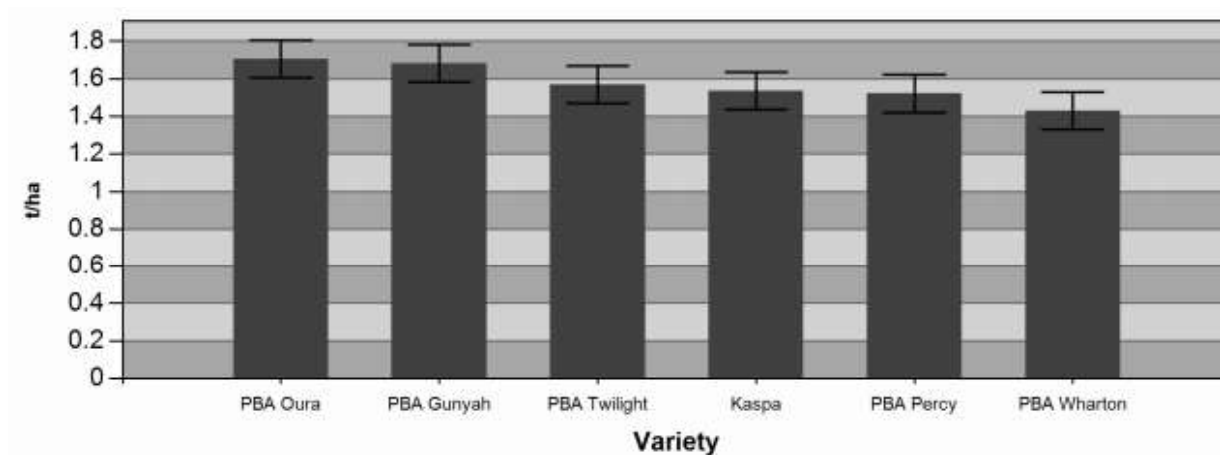
## Trial Details

<b>Property</b>	Wongan Hills Research Station
<b>Plot size &amp; replication</b>	20m x 1.54m x 3 replications
<b>Soil type</b>	Sandy loam
<b>Soil pH (CaCl<sub>2</sub>)</b>	0-10cm: 6.1
<b>EC (dS/m)</b>	0-10cm: 0.1
<b>Sowing date</b>	15/05/2014
<b>Herbicides &amp; Insecticide</b>	13/05/2014: 2 L/ha Glyphosate, 100 mL/ha Bifenthrin, 300 mL/ha Chlorpyrifos, 1.5 L/ha Trifluralin, 2 L/ha Paraquat & Diquat, 70 g/ha Imazethapyr 19/06/2014: 500 mL/ha Clethodim, 1% Hasten 17/07/2014: 500 mL/ha Clethodim, 1% Hasten 25/10/2014: 300 mL/ha Alpha-cypermethrin
<b>Growing Season Rainfall</b>	243mm

## Results

**Table 1:** Yield of field pea varieties sown at Wongan Hills.

Variety Name	Yield (t/ha)	Percentage of Site Mean (%)
PBA Oura	1.71	103
PBA Gunyah	1.68	101
PBA Twilight	1.57	95
Kaspa	1.54	93
PBA Percy	1.52	92
PBA Wharton	1.43	86
<b>Site Mean (t/ha)</b>	1.66	
<b>CV (%)</b>	8.0	
<b>Probability</b>	<0.001	
<b>LSD (t/ha)</b>	0.20	12



**Figure 1:** Yield comparison of field pea varieties sown at Wongan Hills.

**Comments:** For more information please visit [www.nvtonline.com](http://www.nvtonline.com)