

Field pea Crop Variety Trial – Wongan Hills

Australian Crop Accreditation System Limited



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

Property	Wongan Hills Research Station
Plot size & replication	20m x 1.4m x 3 replications
Variety	As per protocol
Seeding date	19/6/12
Seeding rate	120 kg/ha
Fertiliser	19/6/12: 80 kg/ha DAP
Herbicides	19/6/12: 2 L/ha Paraquat Diaquat, 1.5 L/ha Trifluralin, 500 mL/ha Clethodim, 1% Hasten.
Growing Season Rainfall	217mm

Results

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

Variety Name	Yield (t/ha)	Percentage of site mean (%)
PBA Gunyah	1.07	114
Kaspa	1.04	111
PBA Twilight	1.01	107
PBA Percy	0.84	89
PBA Oura	0.79	84
Parafield	0.78	84
Snowpeak	0.64	68
Site Mean (t/ha)	0.94	
CV (%)	6.1	
Probability	<0.001	
LSD (t/ha)	0.1	11

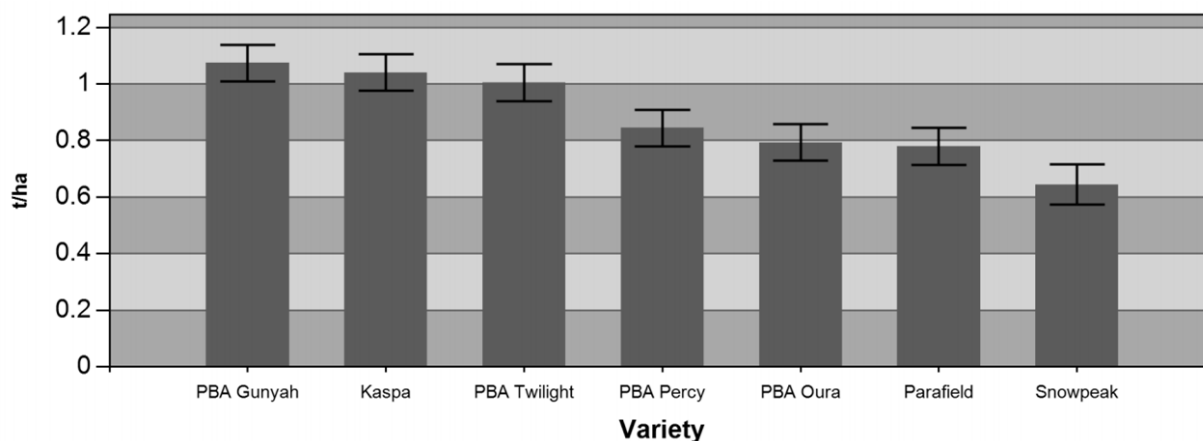


Figure 1: Yield comparison of field pea varieties sown at Wongan Hills.

Comments

- For more information please refer to www.nvtonline.com.au