

Field Pea, Sowing Time, HRZ Western District (Inverleigh), Victoria

Aim

To test the adaptability of field pea varieties to changes in sowing time.

Treatments

- Sowing dates: May 3, May 25
- Varieties/breeding lines: PBA Butler, PBA Wharton, PBA Percy, PBA Pearl, OZB1308, PBA Oura

Table 1. Other Site Details

Stubble management	Burnt
Row spacing (cm)	20
Plant density (pl/m ²)	24
Fertiliser ¹ (kg/ha)	60

1. MAP

Results and Interpretation

- **Key Messages:** Field peas sown on May 3 had grain yields of 2.6 to 3.4 t/ha. PBA Butler and the blue field pea breeding line OZB1308 were highest yielding.
- **Summary:** Little disease was observed in field peas in 2018. PBA Butler and the blue field pea breeding line OZB1308 had the highest grain yields. The yields from the second sowing date are not presented because they were affected by bird damage.
- These yields are slightly below average; the yield potential was limited by the dry spring and unfavourable temperatures during reproductive stages. There were 42 cold nights (<4°C) and 28 hot days (>26°C) during spring in 2018. Temperatures above 25°C during reproductive stages have been shown to be negatively correlated with grain yields of field peas.

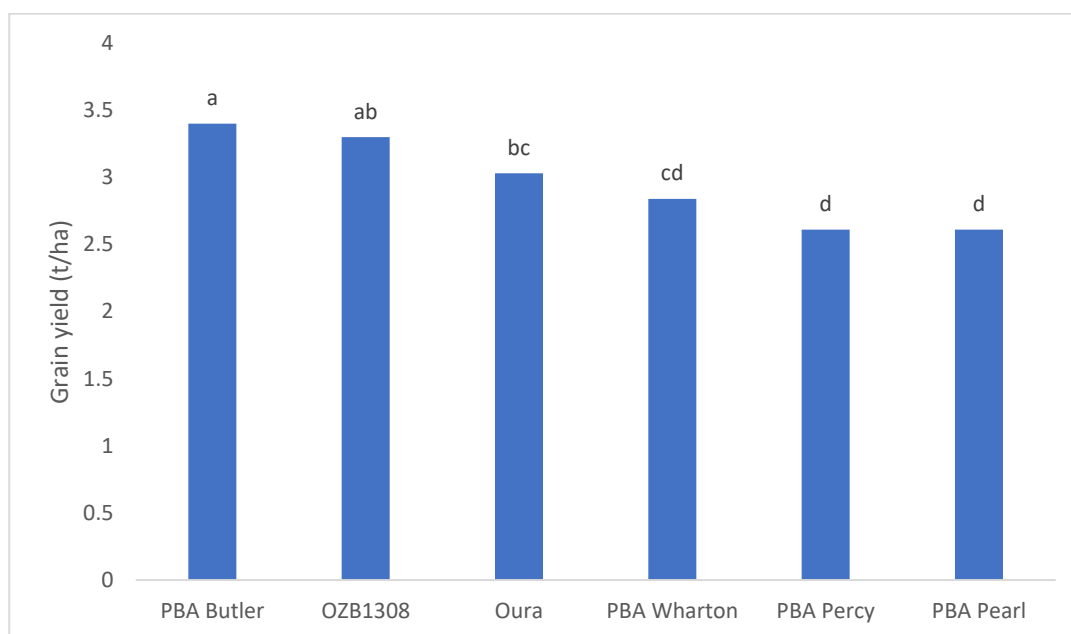


Figure 1. Grain yield of field pea varieties sown on May 3 at Inverleigh.