



# DEMONSTRATION OF LEGUMES FOR RELIABLE PROFITABILITY IN THE WESTERN REGION

**Year:**

2018 - 2021

**Funding Provider:**

Grains Research and  
Development Corporation  
(GRDC)

**Lead Organisation:**

Liebe Group

**Collaborators**

- West Midlands Group
- Facey Group
- Corrigin Farm  
Improvement Group
- Mingenew Irwin Group
- Farmanco
- CSIRO
- DPIRD

**Aim:**

To provide growers with access to agronomy packages for pulses/legumes and to whole farm modeling tools for their own farms to determine if particular legumes were profitable in their system.

**Project Information:**

In collaboration with grower groups in each port zone, the project developed nine legume (crop) demonstration sites on a range of soil types (and include shallow clay soils, heavy soils, and duplex soil types) in the Kwinana West, Kwinana East, and Geraldton Port Zones. These were sown to a combination of different legume break crops as well as a standard practice crop for comparison in 2018, and in 2019 were sown to a cereal rotation. All sites were monitored throughout both seasons and reported on at the conclusion of 2019.

In partnership with Farmanco Consultants the project delivered nine Crop Sequence workshops across the three port zones on how to run simulations of different break crops, and what the impact on profits are from the different options. The aim of the workshops was to up-skill growers and advisors on the economics of different legume options for the port zone. These workshops included appropriate presenters and an analysis (financial and risk) of all rotations with information pertinent for the port zone.

The extension of agronomy packages for pulses/legumes that fit for growers in each port zone was developed throughout the project and provided by the participating groups.

The Liebe Group hosted four legume demonstration sites at Kalannie, Koorda, Dalwallinu, and East Maya through 2018-2019.

A variation to the project was made in 2019, to further investigate the agronomy of the more profitable legume options. Liebe Group established three demonstration sites in 2020, investigating herbicide options in chickpeas in Dalwallinu and Beacon and investigating fungicide options in field peas in Dalwallinu. Reports on these demonstrations will be published in 2021.

## PROJECT FUNDERS



## REPORTS & LINKS

N/A