



GROWERS CRITICALLY ANALYSING THE ROLE OF NEW TECHNOLOGY IN ON FARM DECISION MAKING - WHAT ARE THE POSSIBILITIES?

Year: 2022 - 2023

Funding Provider:
Australian Government's Agricultural Innovation Hubs Program, with support from Liebe Group, and was initiated through the South-West WA Drought Resilience Adoption and Innovation Hub.

Lead Organisation:
Liebe Group

Aim:

This project aims to increase engagement in local R&D through direct use of their own farm data and digital tools to rapidly and economically address agronomic issues and reduce the yield gap. Growers across the region will have increased their knowledge around how modern digital technologies and analysis methods can be utilised to address locally relevant research issues

Project Information:

Data-analytics is increasingly being seen as an important tool for farmers to improve their enterprises. Modern technology including real-time soil moisture sensors and satellite imagery, when combined with in-season paddock data and evaluated with advanced analytic techniques, has the potential to change the face of farmer-driven R&D in Australia.

Traditionally, growers would utilise information from numerous in-field trials and demonstrations to support their on-farm decisions. With the integration of modern sensors, models and satellite technology, it is now possible to gain information more quickly and efficiently with the addition of real-time and historical paddock data. The technology will be able to provide near real time outcomes for better decision making, so that growers do not have to wait until the end of an R&D program to apply the learnings.

The objective of this project will be to critically assess the ability of modern data analytics to address farming system challenges and improve in-season decision making when faced with a variable climate. This will involve monitoring 14 paddocks that have been set up with modern soil moisture and weather monitoring technology and combining this with CSIRO technology and digital farm records to deliver decision making information to growers quickly and succinctly.

PROJECT FUNDERS



REPORTS & LINKS

[Case Study](#)
[Final Report](#)

FOR FURTHER INFORMATION ABOUT THIS PROJECT OR THE LIEBE GROUP PLEASE CONTACT THE LIEBE GROUP OFFICE ON 08 9661 1907 OR EMAIL ADMIN@LIEBEGROUP.ORG.AU