

AGRI-ANALYTICS HUB

PARTNERS



IN SHORT

This Food Agility CRC project helped agronomists and farmers make data-driven decisions to optimise profitability and application of farm inputs at a sub-paddock scale.

“Projects like this one will enable the WA agricultural industry to get ahead in agricultural data analytics and I’m proud to see CCDM take the lead on this important advancement in the way we do farming.”

Prof Mark Gibberd, Curtin University

THE CHALLENGE

Variability in farm soils, landscapes and climate make effective and efficient management decisions complex, impacting the ability to maximise their return on investment and minimise risk. Increasingly, growers are also looking to improve their sustainability outcomes and reduce emissions. However, there is no single integrated, scientifically robust and cost-effective tool tailored to the Australian conditions that agronomists and skilled growers can use to achieve this.

OUR APPROACH

This project seeks to develop a research-based analytics and decision support tool that will allow growers to optimise their farm inputs, increase profitability and support carbon emissions reduction. The Agri-analytics Hub will allow farm businesses to experiment, analyse, visualise and review agronomic management decisions - what variable rate crop activities to implement, where, when and with what combinations and rates – to predict and examine results across seasons and at a sub-paddock scale to identify the best return on investment and opportunities for change. The hub will be accessed through an intuitive, easy-to-use, cost-effective and scientifically rigorous tool that fits into agronomists' existing systems and processes.

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