



OPTIMISED CARBON AND NUTRIENT MANAGEMENT

PARTNERS



IN SHORT

This Food Agility CRC project helped further develop Soli, Precision Agriculture’s soil data warehouse and analysis platform designed to enable variable rate nutrient management and soil amelioration.

“The feedback from agronomists and farmers on the new customised soil reports has been extremely positive as the reports communicate complex data in a simple traffic light system with clear prioritisation for actions in sub optimal paddocks.”

Todd Buck, Precision Agriculture

THE CHALLENGE

Soil management is complex and farmers need insights to improve the health of their soil. Furthermore, farmers wishing to be involved in carbon markets are unable to easily provide an evidence base. Precision Agriculture wanted to improve and optimise the way in which reports and mapping tools are created by bringing together all the information into one platform (Soli). This project aimed to provide a timely and simplified, minimal manual intervention process to generate soil health reports from multiple data sources and insight tools. Research aimed to provide new analytical insights previously unavailable in the industry, as well as relevant recommendations to facilitate meaningful customer discussions.

OUR APPROACH

By developing new analytical insights that allows current datapoints to be compatible with one another, Precision Agriculture was able to streamline its reporting process to provide customers a better understanding of their soil health. This includes understanding a farm’s potential for carbon storage, an emerging industry in Australia’s approach to managing the impact of climate change.

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