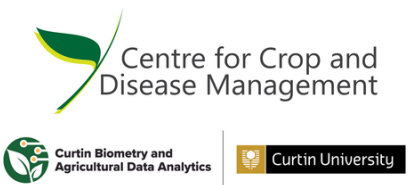




WA FARM DATA SHARING

PARTNERS



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IN SHORT

This Food Agility CRC project was set up to show growers can share their farm data safely and get something useful in return.

This project shifted DPIRD’s digital agriculture capability from fragmented farm, crop and climate data toward practical, scalable decision-support tools. A key impact was the creation of a stronger partnership ecosystem across government, research and industry.

Balwinder Singh, DPIRD WA

THE CHALLENGE

Soil acidity is a major issue across the Western Australian grainbelt. Liming is also a big investment, and decisions depend on many things, including paddock conditions, soil pH at different depths, lime source, freight cost, seasonal conditions and likely crop response. This project set out to show how growers can safely share their own farm data and get useful decision-support information back in return, using whole-farm lime planning as the first test case.

OUR APPROACH

The project team tested a secure data-sharing process and developed the LEAP modelling framework. LEAP connects grower farm records, DPIRD’s Extrata data-sharing platform, the iLime modelling base and grower-facing reports and dashboards. The LEAP concept represents a leap forward in farm decision-making, moving beyond incremental or “step-change” improvements. The frog-leap concept reflects the tool’s ability to help growers move directly from complex paddock and soil data to practical, whole-farm lime investment decisions rather than single paddock decisions. It also represents agility, adaptation and smarter decision-making, providing a distinctive visual identity for the LEAP platform compared to other paddock scale decision tools.



**Cooperative Research
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