

DataHarvest to unlock Australian grains RD&E data potential

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DataHarvest will achieve its goal by upskilling more than 80 GRDC research partners Australia-wide to ensure they can expertly collect, manage and appropriately share grains RD&E data in a standardised way.

This will make the treasure trove of RD&E data become much more useful, leading to faster knowledge sharing and innovation for the grains industry.

“DataHarvest will support our research partners to manage data to ensure it is findable, accessible, interoperable and reusable – the FAIR principles,” says Dr Washington Gapare, GRDC research data manager. This will make it easier for researchers to know what research data sets exist outside their organisations or published datasets, and then use it to advance research outcomes for growers. DataHarvest will help our research data realise its full potential, by extracting greater value from existing datasets, accelerating research outcomes and avoiding duplication of effort and investment.”

The \$2.9 million DataHarvest co-investment – including \$1.3 million provided by GRDC – follows the success of GRDC’s Data Partnership Initiative. The Data Partnerships Initiative brought together 12 GRDC research partners to develop data management best practices and to locate valuable data. DataHarvest will build on the Data Partnerships Initiative extending what was learnt and developed by the original 12 partners to more of GRDC’s research partners.

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Curtin University will lead DataHarvest by tapping into the research data management expertise of the Curtin University Library and combining it with the extension and training capability of the Centre for Crop and Disease Management (CCDM). The DataHarvest team will help uplift the capacity and capability of GRDC’s research partners by creating online data management resources, tailored workshops and a dedicated Support Services Centre which will provide comprehensive assistance in effective data management.