

DataHarvest

Uplifting research data management capacity in the Australian grains industry.

DataHarvest is a national project that focuses on improving the way research, development and extension (RD&E) data is managed in the grains industry. The project is co-funded by the Grains Research and Development Corporation and Curtin University. Its primary objective is to ensure that all RD&E data generated from GRDC investments are collected and stored in a way that makes them easy to find, access and reuse, accelerating new research outcomes with improved efficiency and less duplication.

What will DataHarvest do?

Led by the Centre for Crop and Disease Management (CCDM), DataHarvest will work with more than 80 GRDC research partners including grower and farming systems groups, industry service providers, universities and federal and state agencies to build RD&E data management skills. The project also aims to raise awareness of GRDC's RD&E Data Management Guidelines and help partners comply with GRDC's contractual RD&E data management requirements.

DataHarvest will do this by:

- Creating online data management resources on the GRDC website, including materials from the GRDC RD&E Data Capture and Storage - Guidelines for Research Partners.
- Delivering tailored workshops, courses and webinars that provide an opportunity for research partners to learn appropriate data management skills.
- Providing data management support through the Support Services Centre.
- Assisting in recording metadata in the GRDC Data Catalogue.



Ensuring all data is FAIR

DataHarvest builds on two significant foundational investments in making data available under the internationally recognised FAIR (findable, accessible, interoperable and reusable) principles. This includes the GRDC Data Catalogue which brings searchable metadata together into a singular portal and the Data Partnerships Initiative, which captured metadata generated from 12 major GRDC research partners. DataHarvest is the next phase of work ensuring all data from GRDC investments are FAIR, and GRDC research partners have access to the resources and skills needed to improve data management.

Curtin University

GRDC
GRAINS RESEARCH & DEVELOPMENT CORPORATION

Centre for Crop and Disease Management

GRDC GRAINS RESEARCH & DEVELOPMENT CORPORATION | Curtin University



DataHarvest

Uplifting research data management capacity in the Australian grains industry.

Meet the project team



Dr Fatima Naim

DataHarvest Project Leader

Centre for Crop and Disease Management, Curtin University

Fatima.naim@curtin.edu.au



John Brown

Research Data Expert

Library Learning, Research, Engagement and Global, Curtin University

john.brown@curtin.edu.au



Jane Gibberd

Curriculum Design Expert

School of Molecular and Life Sciences, Curtin University

jane.gibberd@curtin.edu.au

A data librarian and an extension coordinator, and three interns will also be part of the DataHarvest Team.

Interested in attending a workshop?

The DataHarvest team will be coordinating tailored workshops across all grain growing regions and online in 2024, to expand skills in data management for all GRDC research partners. The workshops will aim to develop skills in:

- identifying data for collection and storage
- data management plans
- metadata creation following GRDC Metadata Collection Form fields
- registration of Project Metadata with GRDC Data Catalogue; and
- uploading Project Data to a GRDC Approved Repository.

If you are a GRDC research partner and are interested in a tailored workshop or require hands-on support, please contact the DataHarvest team at

dataharvest@grdc.com.au

Scan the QR code to visit the GRDC Data Catalogue

data.grdc.com.au