

# Activity Report

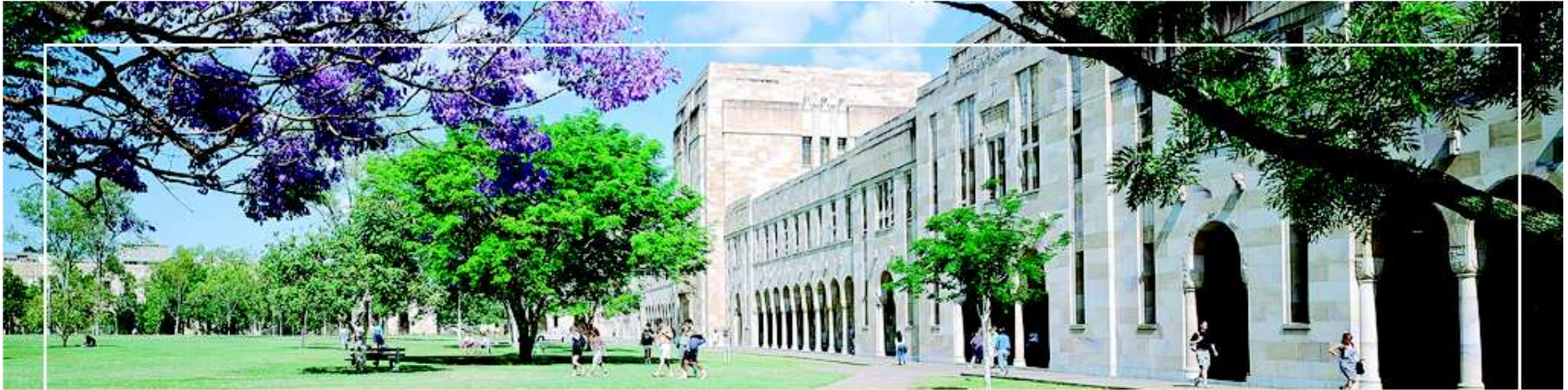
School of Land, Crop and Food Sciences  
The University of Queensland

*Sandra Micallef*

*ICIS 2009*



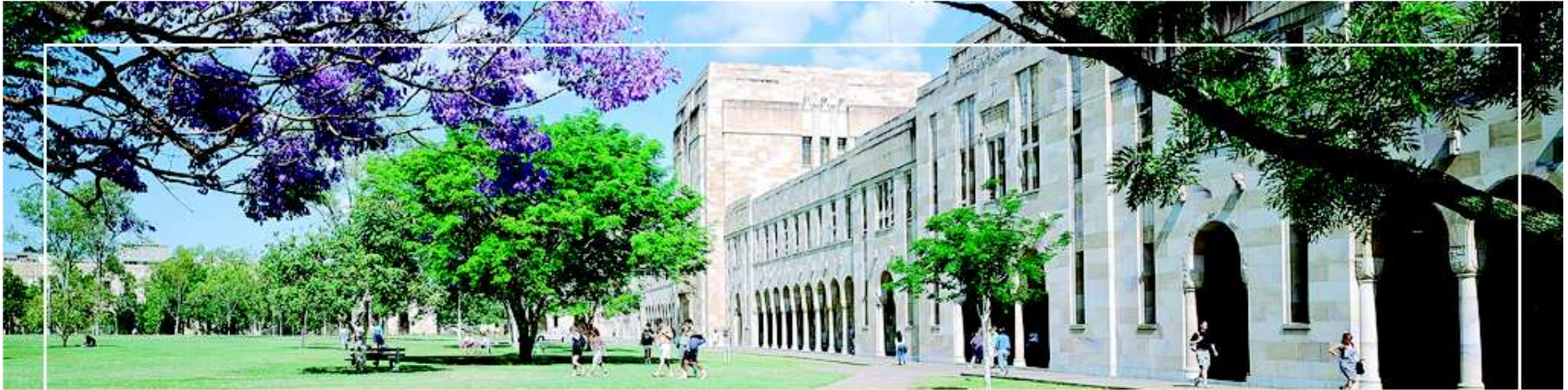




- Maintenance of Australian wheat and barley pedigrees in ICIS
- Updates of new released varieties
- Correction of existing records
- Liaising with CIMMYT and Australian breeders





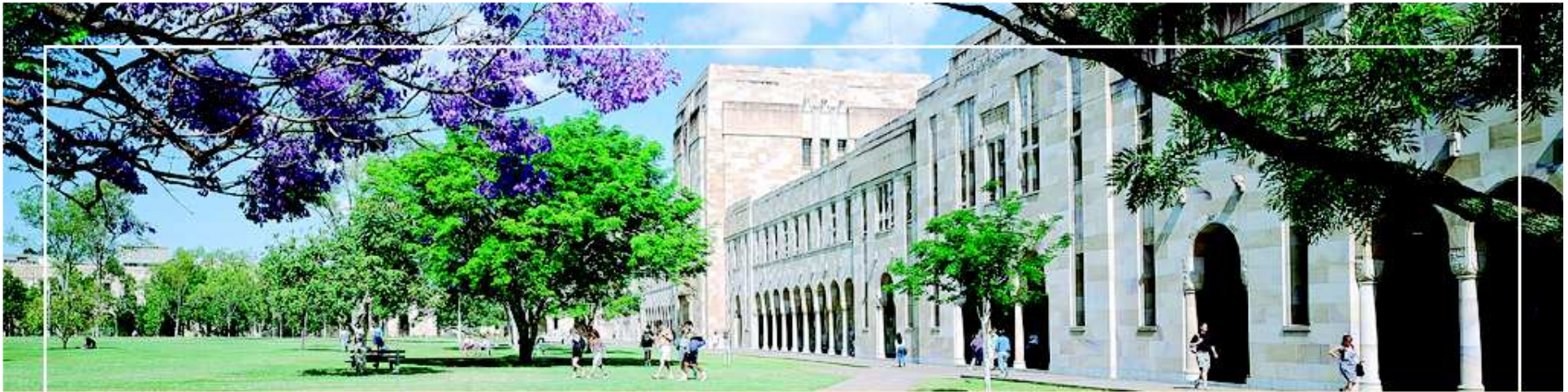


## Data administration for CAGE Project

- CIMMYT Australian Germplasm Evaluation
- ICARDA included in project as of July 2008 (5 yr project)
- Material from CIMMYT and ICARDA received and distributed to Australian breeders
- UQ responsible for databasing project
- Collate data from all projects using CIMMYT and ICARDA material and use ICIS for data management
- Data available on a website – [www.gwis.lafs.uq.edu.au](http://www.gwis.lafs.uq.edu.au)
- Latest Koios software installed few weeks ago





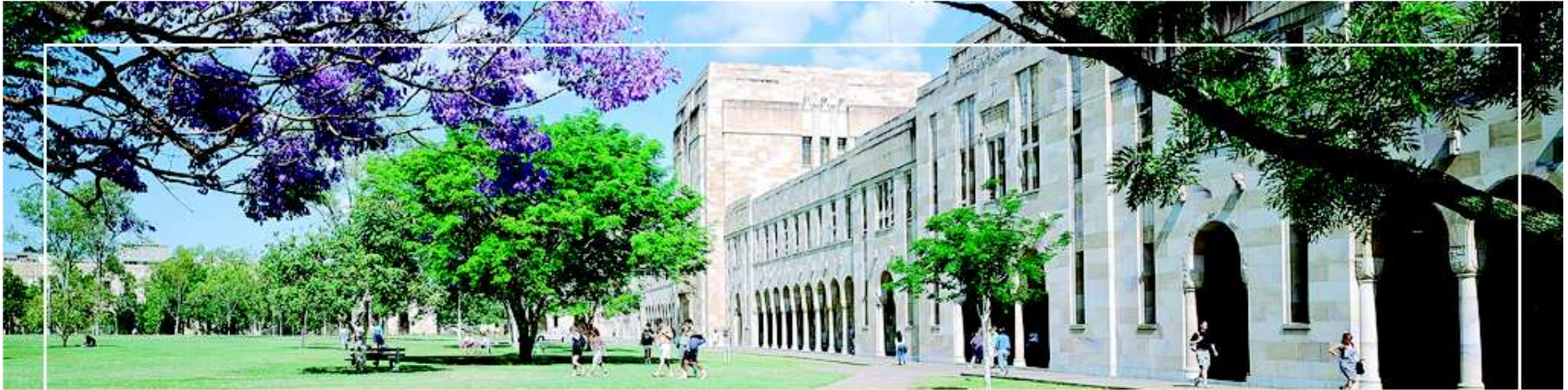


## Phenome Atlas

- Collection of high-density QTL maps for different traits, with description and interpretations
- Data from IWIS3 – phenotypic data of 25 years trials at CIMMYT
- Pedigree information and COP calculations
- DaRT data also stored in ICIS
- Phenome atlas also to be stored in ICIS.....



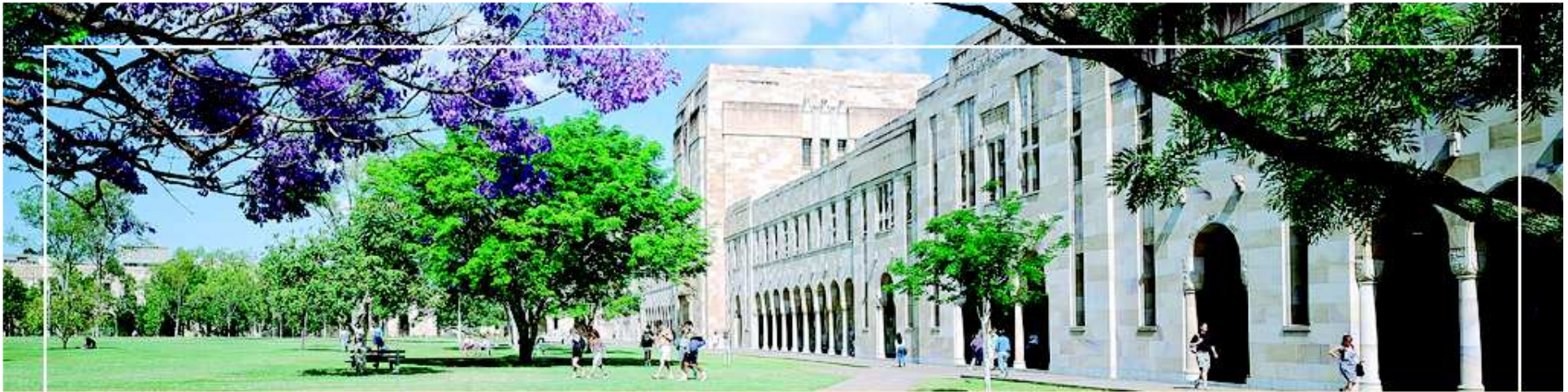




- Molecular Breeding Platform
  - New breeding tools for ICIS
  - Integration of Qu-Gene software with ICIS
  - Qu-Gene website for software download
  - Integrate version control with Cropforge



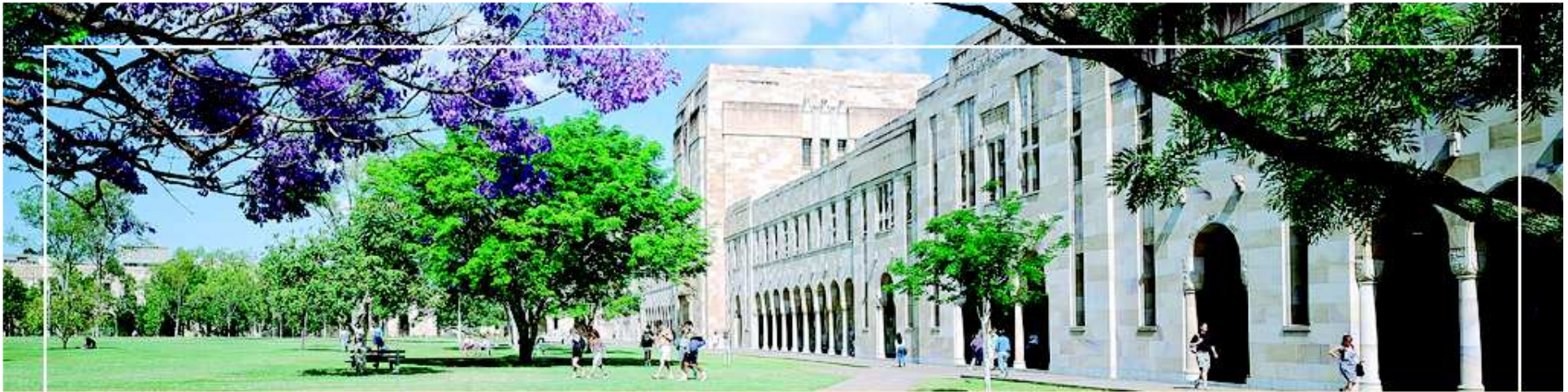




- Other projects
  - Forestry projects for dry zone pine trees
  - AGenTa : accelerated gene transfer
  - Recurrent Selection Program
  - Preharvest Sprouting

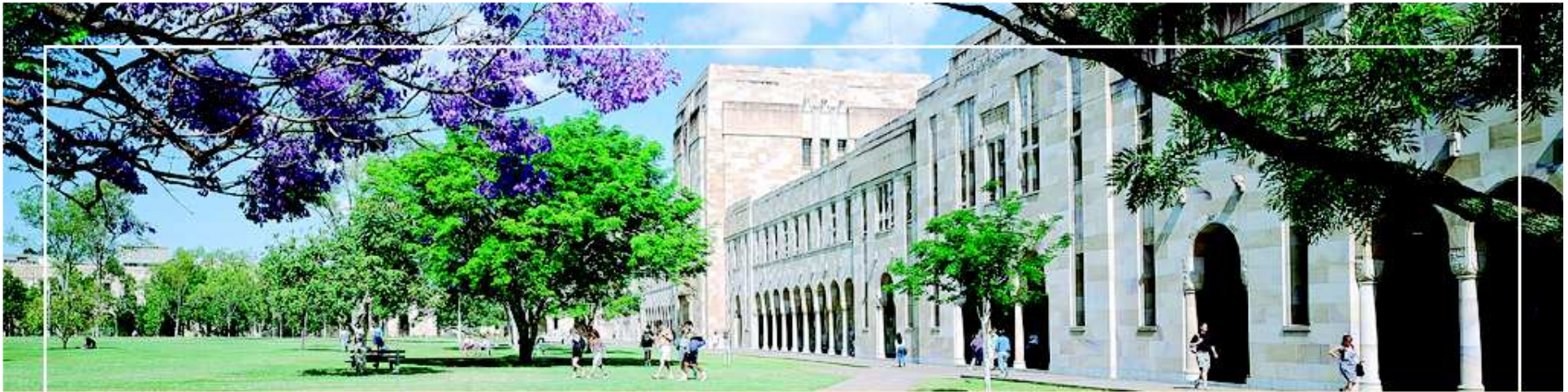






- ICIS training
  - UQ users
  - Project partners
  - University of New South Wales
- ICIS presentations
  - External institutions, government bodies and University research groups investigating data management options





## Colleagues

UQ

- Dr Mark Dieters
- Dr Ian DeLacy
- Vivi Arief
- Lee Hickey

University of Sydney

- Ky Mathews

ACPFPG

- Dave Edwards

*Thank you*

