


# **ICIS Implementation in IRRI**

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# Activities

- IRRI Users and Developers Workshop was held
- ICIS Mini Workshop was held on Mar 26 – 30 attended by collaborators from Nunza, Bayer, Canola Breeders Western Australia
- Evaluation of the CropFinder as warehouse tool to ICIS
- Management of genotyping data
- Development of the ICIS 5.4

# Activities

- Adoption of IRIS for the IRRI-India Drought Network
- Management of the transgenic lines in IRIS
- Integration of INGER with IRIS
- Implementation of GRIMS
- Implementation of the Standard MTA using IRIS

# Standard Material Transfer Agreement (sMTA) Implementation

- SetGen is used to capture list of seed to export/import
- Material Transfer Agreement is entered as attribute of the seed
- The MTA ID that corresponds to the document is also an attribute
- Workbook is used to record all other related information per batch to export
- The MLS Ancestors are retrieved through ICIS Workbook and put in additional sheet

# SMTA Implementation ...

- A tool to generate the SMTA document is programmed and embedded in the ICIS Workbook
- A web application is developed as IRRI's portal to the SMTA

# INGERIS Integration

- Current Status:
  - Nomination lists are created using SetGen
  - Nursery lists are created using SetGen
  - Evaluation data are entered using Workbook
- Functionalities available in ICIS but not fully adopted:
  - Management of seed stocks
  - Seed Selection
  - Customized queries and reports of the nurseries
- Functionalities not yet available in ICIS:
  - Seed Distribution or Dispatch

# IRRI-India Drought Network

- Template was created consisting of the following data sets
  - Trial Information
  - Climate data set
  - Evaluation data of entries
  - Promising lines

# Management of transgenic lines

- Seed sources of transgenic lines are now in IRIS
- The transgenic lines are not yet in IRIS
  - Issues:
    - How to incorporate the primers used to develop the lines?
    - How to manage the sequence of the primers in ICIS?