



# CIMMYT ICARDA Suite of Projects: Communication Project

Ky L Mathews  
Richard Trethowan  
5 March 2009

# New Project Scope

- Improve access to (and exploitation of) CIMMYT and ICARDA germplasm by Australian wheat breeders
- Co-ordinate introduction, quarantine, evaluation, data management
- Communicate project activities

Key changes from the 1<sup>st</sup> phase:

- include ICARDA germplasm
- more streamlined evaluation of material
- improved co-ordination and oversight

# Logistical changes

- Streamlined evaluation of material
  - Agrisearch is no longer involved
  - material to go directly to 3 major breeding companies and PBI Cobbitty from quarantine by May/June post-importation (see next 2 slides for details)
- Steering committee
- Annual CAGE meeting

# Streamlined evaluation (1)

- SAWYT, ESWYT and ICARDA nursery entries
  - 10g each line sent to AGT, Intergrain & LongReach directly from quarantine (30g in total)
  - 3g of each line sent to PBIC directly from quarantine
    - Year 1 - rust screening at Cobbitty and increase at Narrabri.
    - This seed will be kept for 3 years at Cobbitty and anyone can request it.
    - Year 2 - screened for Septoria, crown rot and yellow spot
  - breeding companies will increase and evaluate (yield, flowering, maturity, height) for **ALL** entries (212 lines) in **the same trial**.
  - experimental design is breeding company dependent
  - data return by end of January 2011
  - DArT data available prior to 2010 planting

# Streamlined evaluation (2)

- other material
  - Primary synthetics, Breeder selections, Strategic Trial, Soil Borne Pathogen Nursery
  - 1g of each line (except SBP) sent directly to breeding companies from quarantine for increase and evaluation
  - 3g of each line (except SBP) sent directly to PBIC for disease screening and increase
  - SBP will be increased at PBIC and seed available upon request to Julie Nicol

# Steering committee

- R Trethowan, Chair
- K Mathews
- R Rainbow (GRDC)
- D Bonnet, Y Manes, R Singh, H-J Braun (CIMMYT)
- F Ogbonnaya, R Brettell, O Abdalla
  
- Saturday 21<sup>st</sup> March, Obregon, Mexico

# Annual CAGE meeting

- held in conjunction with Australian Wheat Breeders Meeting in Adelaide in March
- aim is to provide face-to-face contact between local germplasm users and project managers
- brief reports from all related projects
- discussion forum for ironing out logistics and generating feedback