CAIGE TOUR 2014

CIMMYT, Obregon

Main trials

- Participants: Ian Edwards, Dan Mullan, Alan Rattey, Anke Martin, Richard Trethowan, Sandra Micallef, Meiqin Lu. Bertus was sick and didn't go.

Day 1

Observations of Australian parental lines

Lr - Mace, Kord, Livingston and Ventura were all about MS level

Observations of drought stressed site

Good level of selections due to large difference in response

Observations of irrigated site

Culled hard on lodging – due to storm

236 Selections made (many less than previous)

New CIMMYT Releases

- Borlaug 100 (Reedling)
- Super152/Baj#1

- Lr34 and Lr46 are common across the germplasm
- Lr67 no present – but being moved into backgrounds
- Lr68 reasonably common – Parula, Baviacora, Weebill and descendants
- ND643 used extensively for Sr

Rajaram program

- Material is shorter
- High yield potential
- Impressed
- North American (Californian) parentage is dominant
- Gene pool derived from CIMMYT, ICARDA, California, Nepal and India
- 50 lines selected each year by Rajaram
- Program began in 2004 – 20 cycles seln

Bonnett trials

- Long coleoptile
- Rht lines (Rht13, Rht4)
- 28 lines selected
- Also ran hybrid and high yield projects

Also…

- Durum project visited – Ravi release doing well

- Physiology program
  - Specific crossing program
  - Screened 70,000 lines from Genetic Resource Collection

- Remote sensing