BRAINSTORMING SESSION
Group B
Moderated by Carmen de Vicente

Feedback from Group B on Traits

Participants in the breakout group:
Guy Davenport (CIMMYT)

Traits

1. Nine different suggestions on traits, but were too general or too crop specific.
2. Need to have knowledge of major traits for stress and disease in major crops
    - Working groups need to define the the key traits underlying drought tolerance or resistance (or biotic constraints -disease, pest resistance) for measurement and evalutation in major GCP crops.
        - Providing information on the impact on the crops affected.
    - Example: green leaf if the end point is vegetated yield but not for others.
    - Note this will allow for selection of candiate genes.
3. Distribution and exchange of written methodology for measuring traits either in the field or in controlled environments
4. Cross genera comparision of these key traits and identify commonalities to facilitate the identification of individual genes or gene combinations that underly / control trait.
5. Assemble information of cross-cutting contraints.
    - Example salinity and disease can effect drought. Barley nematode tolerances is also drought tolerant.
    - Need to be careful when comparing. For example with legumes the effects of drought will affect nitrogen fixation, but this is not the case in other crops.
6. Use of wiki for defining this trait list, methodology and cross constraints.
    - Starting with specific information on trait/crop by experts
    - Once information is there develop summary information and cross links (see point 4).
7. There is component of this work in as a side product of SP4 Task 31 Development of Othological Display tools.

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http://cropwiki.irri.org/gcp/index.php/ARM_Brainstorming/traits