

## Early Career Maize Breeders Online Course

**Project Title:** P2099 - Accelerating Genetic Gains in Maize & Wheat (AGG)

**Description of the innovation:** The course is designed for new and upcoming maize breeders from public and private sector in Africa, who wish to learn about maize improvement targeted especially for stress environments; and for breeders, who have been working in maize improvement for the last few years and would like to equip themselves with new knowledge and innovative techniques that can enhance genetic gain and efficiency in their breeding activities.

<https://www.cimmyt.org/content/uploads/2021/08/AGG-Early-Career-Maize-Breeder-Course.pdf>

**New Innovation:** Yes

**Stage of innovation:** Stage 4: uptake by next user (USE)

**Innovation type:** Research and Communication Methodologies and Tools

**Geographic Scope:** Global

**Number of individual improved lines/varieties:** <Not Applicable>

**Outcome Impact Case Report:** <Not Defined>

**Description of Stage reached:** Concluded- fostering team work and interdisciplinary research approaches.

**Name of lead organization/entity to take innovation to this stage:** CIMMYT - Centro Internacional de Mejoramiento de Maíz y Trigo / International Maize and Wheat Improvement Center

**Names of top five contributing organizations/entities to this stage:** <Not Defined>

### Milestones:

- NARS and seed company partners trained for enhanced use of validated protocols for high-throughput field-based phenotyping and molecular breeding for increasing genetic gains in stress-prone tropical maize environments

### Sub-IDs:

- 43 - Enhanced institutional capacity of partner research organizations
- 40 - Increased capacity of partner organizations, as evidenced by rate of investments in agricultural research
- 7 - Increased value capture by producers

### Contributing Centers/PPA partners:

- IITA - International Institute of Tropical Agriculture
- CIMMYT - Centro Internacional de Mejoramiento de Maíz y Trigo / International Maize and Wheat Improvement Center

**Evidence link:**

**Deliverables associated:**

- D31681 - Accelerating Genetic Gains in Maize & Wheat (AGG)  
(<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8374426/>)

**Contributing CRPs/Platforms:**

- Maize - Maize