

8 promising entries from the Antenna and Reference Panels selected for use in breeding pipelines in West Africa

Project Title: P1670 - AfricaRice contribution to flagship project 4

Description of the innovation: Four diverse entries from the antenna panel of the global Rice Array (NSIC Rc240, Giza 178, IRGC 79837-1, and UPL RI 7) were found to have consistent, high yield at M'be, Cote d'Ivoire. From the reference panel consisting of MAGIC Indica lines, four lines (19, 62, 296, and 326) were identified with consistently high yield and favorable yield components at both M'be and Ndiaye, Senegal. These 8 entries are now being used for breeding.

New Innovation: No

Stage of innovation: Stage 1: discovery/proof of concept (PC - end of research phase)

Innovation type: Genetic (varieties and breeds)

Geographic Scope: Regional

Number of individual improved lines/varieties: <Not Defined>

Region:

- Western Africa

Description of Stage reached: Eight promising entries have been identified and incorporated into breeding pipelines. Ready for the use by next users--breeders.

Name of lead organization/entity to take innovation to this stage: AfricaRice - Africa Rice Center

Names of top five contributing organizations/entities to this stage:

- IRRI - International Rice Research Institute
- AfricaRice - Africa Rice Center

Milestones:

- Global data from the first reference panel is compiled and a new reference panel is deployed at the HTP sites

Sub-IDs:

- 11 - Adoption of CGIAR materials with enhanced genetic gains

Contributing Centers/PPA partners:

- IRRI - International Rice Research Institute
- CIRAD - Centre de coopération internationale en recherche agronomique pour le développement

Evidence link:

Deliverables associated: <Not Defined>

Contributing CRPs/Platforms:

- Rice - Rice