

High yielding rice variety SEBERI 3 for irrigated lowland rice production systems in Niger

Project Title: P1669 - AfricaRice contribution to flagship project 5

Description of the innovation: SEBERI 3, a high yielding irrigated lowland rice variety was released in 2020 by Niger

New Innovation: No

Stage of innovation: Stage 3: available/ ready for uptake (AV)

Innovation type: Genetic (varieties and breeds)

Geographic Scope: Global

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

Description of Stage reached: An irrigated lowland rice variety, SEBERI 3 (TXD 88) was released in Niger in 2020 for irrigated lowlands after successful evaluation in multi-environment trials through the Africa-wide Rice Breeding Task Force.

Name of lead organization/entity to take innovation to this stage: INRAN - Institut National de la Recherche Agronomique du Niger

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

- KATRIN - Kilombero Agricultural Training and Research Institute
- AfricaRice - Africa Rice Center

Milestones:

- 5-10 elite breeding lines and/or varieties combining tolerance of two to three of the relevant stresses in the three ecosystems developed, having 25-50% reduction in yield losses

Sub-IDs:

- 11 - Adoption of CGIAR materials with enhanced genetic gains
- 35 - Enabled environment for climate resilience

Contributing Centers/PPA partners:

- AfricaRice - Africa Rice Center

Evidence link:

- <https://grispnetwork.groupsie.com/files/1017107>

Deliverables associated:

- D27468 - Release of high yielding rice variety SEBERI 3 for irrigated lowland systems (**Marked as Confidential**)

Contributing CRPs/Platforms:

- Genebank - Genebank Platform
- Rice - Rice