

Hermetic Super bag for rice grain and seed storage

Project Title: P1572 - IRRI Contribution to RICE Flagship Project 2

Description of the innovation: Bags to hermetically and safely store rice grains and seeds after harvest by individual farmers, groups of farmers and processors and for storing seeds by farmers and seed producers. The reduction of water oxygen inside the bag is around 4 times and that minimizes (almost to negligible) the pest growing inside the bag without pesticides and helps maintain seeds in better condition, and the head rice recovery is higher at milling.

New Innovation: No

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

Innovation type: Production systems and Management practices

Geographic Scope: Global

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

Description of Stage reached: Ready for uptake but challenges with last-mile delivery

Name of lead organization/entity to take innovation to this stage: <Not Defined>

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

- GrainPro - GrainPro Inc
- South Sum. AIAT - South Sumatera Assessment Institute for Agricultural Technology
- MAFF - Ministry of Agriculture, Forestry and Fisheries (Cambodia)
- PhilRice - Philippine Rice Research Institute

Milestones:

- At least two loss reduction or value addition options identified and piloted

Sub-IDs:

Contributing Centers/PPA partners:

Evidence link:

- <https://tinyurl.com/ydu2v95r>

Deliverables associated: <Not Defined>

Contributing CRPs/Platforms:

- Rice - Rice