Aflasafe GH01 and Aflasafe GH02 for Ghana

Project Title: P342 - Technological and institutional innovations for assessing and mitigating food safety risks related to aflatoxins designed and tested, including capacity building

Description of the innovation: Biocontrol approach to preventing aflatoxin from growing in crops like maize and groundnuts

New Innovation: No

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

Innovation type: Production systems and Management practices

Geographic Scope: National

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

Country(ies):
- Ghana

Outcome Impact Case Report: <Not Defined>

Description of Stage reached: In 2019, an additional distribution partner was appointed to distribute Aflasafe GH01 and Aflasafe GH02 for use in groundnuts, maize, and sorghum plus public and private sector actors launched initiatives to help scale Aflasafe and increase awareness and capacity. Since 2018, the products have been distributed by Macrofertil Ghana Ltd.

Name of lead organization/entity to take innovation to this stage: IITA - International Institute of Tropical Agriculture

Names of top five contributing organizations/entities to this stage:
- MoFA - Ministry of Food and Agriculture (Ghana)
- Macrofertil Australia Pty Ltd
- USDA - U.S. Department of Agriculture
- KNUST - Kwame Nkrumah University of Science and Technology

Milestones:
- Aflasafe manufacturing and distribution agreement signed between IITA and private sector companies in Ghana and Tanzania

Sub-IDOs:
- 39 - Increase capacity of beneficiaries to adopt research outputs
- 17 - Reduced biological and chemical hazards in the food system

Contributing Centers/PPA partners:
- IITA - International Institute of Tropical Agriculture

Evidence link:
**Deliverables associated:**

- D4463 - Aflasafe commercialization strategy (with private sector partners) for Ghana (https://tinyurl.com/ybwubtvg)
- D4466 - Dossier prepared for regulatory authorities for Aflasafe registration in Ghana (https://tinyurl.com/yd9qyfwf)
- D4470 - Frequency of Aflasafe application in Ghana (https://tinyurl.com/y8djq35m)
- D4434 - Publication on strain selection to constitute the Aflasafe products Aflasafe GH01 and Aflasafe GH02 (https://tinyurl.com/yanylrex)
- D4511 - PhD thesis of aflatoxin/Aflasafe work in Ghana (https://tinyurl.com/y7wt2sp5)

**Contributing CRPs/Platforms:**

- A4NH - Agriculture for Nutrition and Health