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):
- Tanzania, United Republic

Outcome Impact Case Report: 3150 - A to Z Textile Mills Ltd., invests in manufacturing and distributing Aflasafe biocontrol products in Tanzania

Description of Stage reached: A to Z Textile Mills Ltd. signed a Technology Transfer and Licensing Agreement with IITA, obtaining the license to manufacture and distribute the Aflasafe TZ01 product. The manufacturing plant was completed in Arusha in November and had distributed enough Aflasafe to cover 40 hectares by the end of 2019.

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:
- MAFC - Ministry of Agriculture, Food security and Cooperatives (United Republic of Tanzania)
- A to Z Textile Mills Ltd.
- USDA - U.S. Department of Agriculture
- USAID - U.S. Agency for International Development

Milestones:
- Aflasafe manufacturing and distribution agreement signed between IITA and private sector companies in Ghana and Tanzania
- Aflasafe officially registered in Zambia and Tanzania, making local sale, manufacture, and use of aflasafe feasible

Sub-IDOs:
- 18 - Appropriate regulatory environment for food safety
- 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: https://aflasafe.com/aflasafe-where-i-am/

Deliverables associated:
  ● D4509 - Aflasafe Production in Tanzania, 2018 (https://tinyurl.com/y7s3n55p)
  ● D4477 - Aflasafe commercialization strategy (with private sector partners) for Tanzania (https://tinyurl.com/yay4d2r7)
  ● D4492 - Aflasafe Production in Tanzania (https://tinyurl.com/y88rdcj9)
  ● D4465 - Dossier prepared for regulatory authorities for aflasafe registration in Tanzania (https://tinyurl.com/y9kdmsdn)

Contributing CRPs/Platforms:
  ● A4NH - Agriculture for Nutrition and Health