Out-yield hybrids selected for the three agricultural environments of Mexico: lowland tropical, subtropical and highlands.

Project Title: P1461 - MasAgro Maiz

Description of the innovation: 47 hybrids were selected due to their competitive yield and favorable agronomic characteristics in comparison with commercial-testers (three-to-nine evaluation sites). In 2019, yield-validation-trials will be carried out in more than 40 locations. In 2020, the competitive hybrids from the validation-trials will be able to be released to the project seed-companies.

New Innovation: Yes

Stage of innovation: Stage 1: discovery/proof of concept (PC - end of research phase)  
Innovation type: Genetic (varieties and breeds)

Geographic Scope: Sub-national

Number of individual improved lines/varieties: 47

Country(ies):  
● Mexico

Description of Stage reached: lowland tropical (WHITE MAIZE: CLTHW16138, CLTHW16135, CLTHW16136, CLTHW16133, CLTHW15141; YELLOW MAIZE: CLTHY16002, CLTHY161155, CLTHY16003, CLTHY16031) subtropical (WHITE MAIZE: CSTHW17396, CSTHW17405; YELLOW MAIZE: CSTHY17407, CSTHY17411) and highlands (WHITE MAIZE:CHLHW16007, CHLHW16013; YELLOW MAIZE: CHLHY16018, CHLHY16016) resulted in the 47 hybrids under Different Commercial Names

Name of lead organization/entity to take innovation to this stage: CIMMYT - Centro Internacional de Mejoramiento de Maíz y Trigo / International Maize and Wheat Improvement Center

Names of top five contributing organizations/entities to this stage:  
● INIFAP - Instituto Nacional de Investigaciones Forestales, Agrícolas y Pecuarias (Mexico)  
● AMSAC - Asociación Mexicana de Semilleros A.C.  
● SEMUAC - Semilleros Mexicanos Unidos AC  
● UACH - Universidad Autónoma Chapingo

Milestones: No milestones associated

Sub-IDOs:

Contributing Centers/PPA partners:

Evidence link: https://masagro.mx/es/2012-06-21-17-47-58/documentos

Deliverables associated:  
● D6875 - Results report: lines evaluation, experimental and advanced hybrid trials, yield validation
network, and grain quality evaluations
(https://tinyurl.com/ycd4jzvv)

**Contributing CRPs/Platforms:**
- Maize - Maize