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; YELow 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:**
  ● AMSAC - Asociación Mexicana de Semilleros A.C.
  ● SEMUAC - Semilleros Mexicanos Unidos AC
  ● UACH - Universidad Autónoma Chapingo
  ● INIFAP - National Institute of Forestry, Agricultural and Livestock Research / Instituto Nacional de Investigaciones Forestales, Agrícolas y Pecuarias

**Milestones:** No milestones associated

**Sub-IDO:**

**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 (Not disseminated)

Contributing CRPs/Platforms:
● Maize - Maize