

28 new pre-breeding wheat lines with high yield potential and climate resilience for Mexico's growing regions.

Project Title: P1460 - MasAgro Trigo

Description of the innovation: 28 outstanding wheat lines identified with physiological traits conferring high yields and climate resilience for Mexico's growing regions.

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: National

Country(ies):

- Mexico

Description of Stage reached: Early discovery/successful identification of outstanding wheat lines, with potential impact due to its high yield and climate resilience traits. Said lines have been tested on-station.

Name of lead organization/entity to take innovation to this stage: CIMMYT - Centro Internacional de Mejoramiento de Maíz y Trigo

Names of top five contributing organizations/entities to this stage: • SAGARPA - Secretariat of Agriculture, Livestock, Rural Development, Fisheries and Food/Secretaría de Agricultura, Ganadería, Desarrollo Rural, Pesca y Alimentación (Mexico)

Milestones: No milestones associated

Sub-IDs:

Contributing Centers/PPA partners:

Evidence link: <https://tinyurl.com/y9x4zlsq>

Deliverables associated:

• D7213 - Agronomic and physiological traits of elite lines of high yielding potential evaluated with high throughput phenotyping technologies.
(<https://tinyurl.com/y7prompu>)

Contributing CRPs/Platforms:

- CCAFS - Climate Change, Agriculture and Food Security