

Implementation of a test to analyze PPO activity (PPO activity controls the darkening of flours and wheat products)

Project Title: P1376 - Evaluate end use and nutrition characteristics of bread and durum wheat

Description of the innovation: A new high throughput, low cost method, to analyze PPO activity was tested and implemented in the lab. In 2018, all BW lines from breeding program were analyzed for this important trait and selection for it can be done by the breeders.

New Innovation: No

Stage of innovation: Stage 3: available/ ready for uptake (AV)

Innovation type: Genetic (varieties and breeds)

Geographic Scope: Global

Number of individual improved lines/varieties: 1

Description of Stage reached: Breeding lines analyzed already for PPO activity and data available for CIMMYT breeders and partners to start making selection for this trait.

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:

- USDA - U.S. Department of Agriculture

Milestones: No milestones associated

Sub-IDs:

Contributing Centers/PPA partners:

Evidence link:

- <http://hdl.handle.net/11529/10548173>

Deliverables associated: <Not Defined>

Contributing CRPs/Platforms:

- Wheat - Wheat