



Sorghum and forage grains: Innovation to intensify production in the Central American Dry Corridor

COSTA RICA, ARGENTINA, HONDURAS, PANAMÁ, PERÚ, ESTADOS UNIDOS, REPÚBLICA DOMINICANA

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Technological solution

An online platform will facilitate the selection of optimal cultivars for each environment and predict their yield.



Technological description

The project will establish a baseline and characterize environments through climate, soil, and agronomic analyses. Cultivars will be evaluated in representative environments, and outstanding genotypes will be identified. An online platform will be created to enable producers to select the most suitable cultivars.



Impacts and results

- Creation of a sorghum cultivar evaluation network and establishment of the technological baseline for each member country of the network.
- Characterization of target environments, cultivars and their interaction.
- Development of an online platform with cultivar recommendations and yield estimations for each environment.
- Transfer and communication of the results and knowledge acquired regarding the environmental characterization and the performance of the evaluated cultivars.

