

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

COSTA RICA / ARGENTINA / HONDURAS / PANAMA / PERU / UNITED STATES / COLOMBIA / DOMINICAN REPUBLIC



 Webstory



The technological solution

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



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.



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.

80 %

Regionally consumed staple foods produced by local farmers

58 %

Area classified as a high/severe drought risk zone

2500

Small and medium-scale farmers directly benefited

200

Trained students, technicians, and professionals

6

Learning plots for field experiments

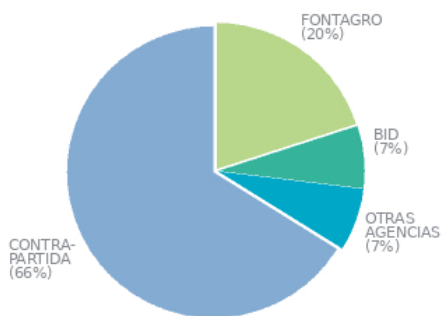
20 %

Expected increase in grain production

ABOUT FONTAGRO

FONTAGRO is a unique cooperation mechanism for agricultural innovation in Latin America and the Caribbean (LAC) and Spain, that works through regional platforms. It is composed of 15 countries that have contributed capital exceeding 100 million dollars. The Inter-American Development Bank (IDB) is its legal representative, and the Inter-American Institute for Cooperation on Agriculture (IICA) is its sponsor.

ORIGIN OF RESOURCES



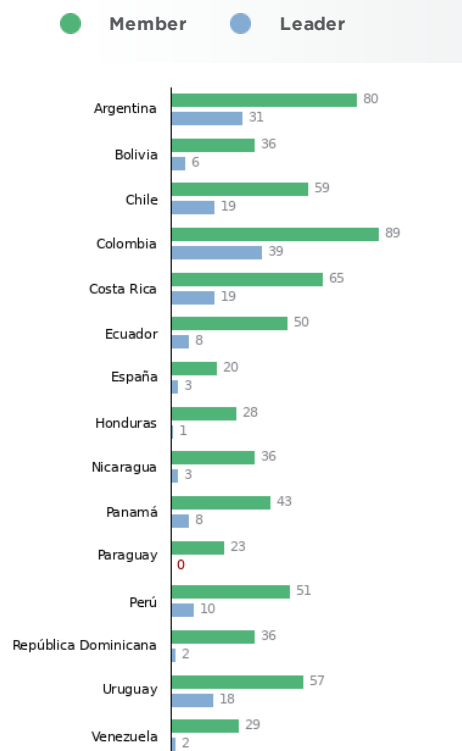
● **Counterpart contribution**
99.190.633

● **FONTAGRO**
30.479.468

● **IDB**
9.922.700

● **Other agencies**
11.123.601

PARTICIPATION AND ROLE IN CONSORTIA SINCE 1998



FONTAGRO IN NUMBERS

204 Number of projects approved

150.7 Approved total amount US\$
MILLONES

11.1 Contribution from other agencies
MILLONES

33 Benefited countries

63 Generated technologies

15 New technologies for LAC

8 Technology of global relevance

MEMBER COUNTRIES

