



# Selection of sweet potato varieties

PERU / ARGENTINA / DOMINICAN REPUBLIC / VENEZUELA

Webstory



## The technological solution

New varieties of sweet potato with high productivity and nutritional quality for human and animal consumption.



## Description

The varieties selected for their high yield and potential for dual-purpose consumption (human and animal food) were: Morado Maraví (Ecuador), Satsumahikari (Japan), Arapey (Uruguay), Forrajera (Peru), and five promising clones of the CIP germplasm collection: DLP 2448, ARB 389, DLP 3525, DLP 394 and DLP 2462.



## Results

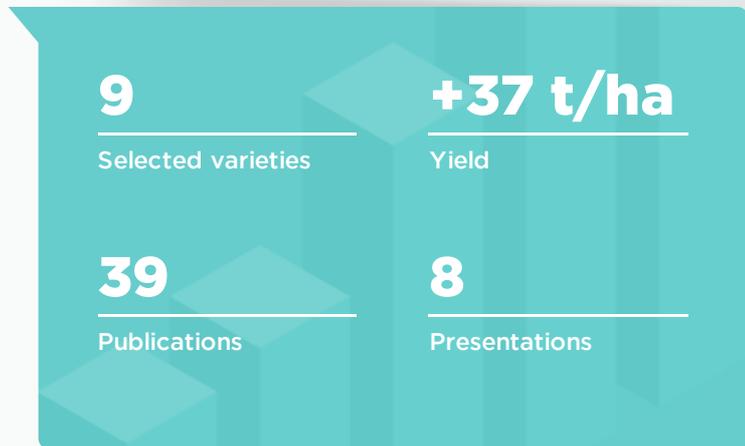
Sweet potato varieties selected for their high yield and quality for industrial processing.

28 transgenic sweetpotato lines were generated with the wheat glutenin gene, regenerated by somatic embryogenesis.

The technical and economic feasibility of sweet potato cultivation and its nutritional value were evaluated.

Information was generated on the use of sweet potato flour in animal feed.

Strengthening capacities for sweet potato research.



PARTICIPATING ORGANIZATIONS



**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.

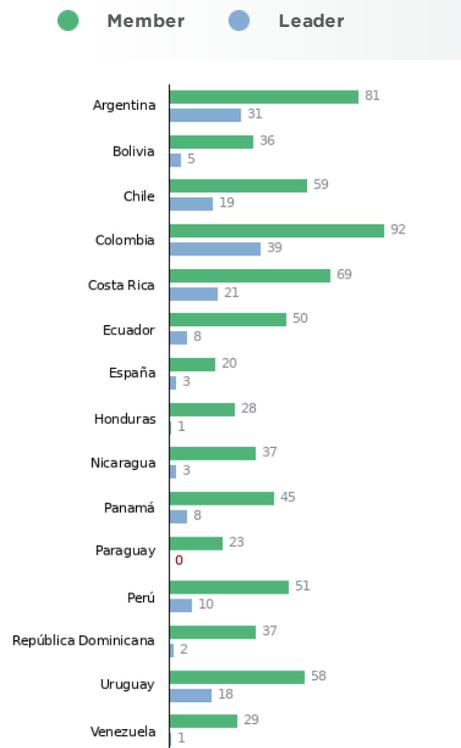


ORIGIN OF RESOURCES



- **Counterpart contribution**  
99.276.177
- **FONTAGRO**  
31.211.068
- **IDB**  
9.922.700
- **Other agencies**  
11.140.612

PARTICIPATION AND ROLE IN CONSORTIA SINCE 1998



FONTAGRO IN NUMBERS

**205** Number of projects approved

**151.6** 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

- |            |                    |           |          |
|------------|--------------------|-----------|----------|
| Argentina  | Bolivia            | Chile     | Colombia |
| Costa Rica | Dominican Republic | Ecuador   | Honduras |
| Nicaragua  | Panama             | Paraguay  | Peru     |
| Spain      | Uruguay            | Venezuela |          |