

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.

9

Selected varieties

+37 t/ha

Yield

39

Publications

8

Presentations

PARTICIPATING ORGANIZATIONS



FONDC

ABOUT FONTAGRO

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

ORIGIN OF RESOURCES



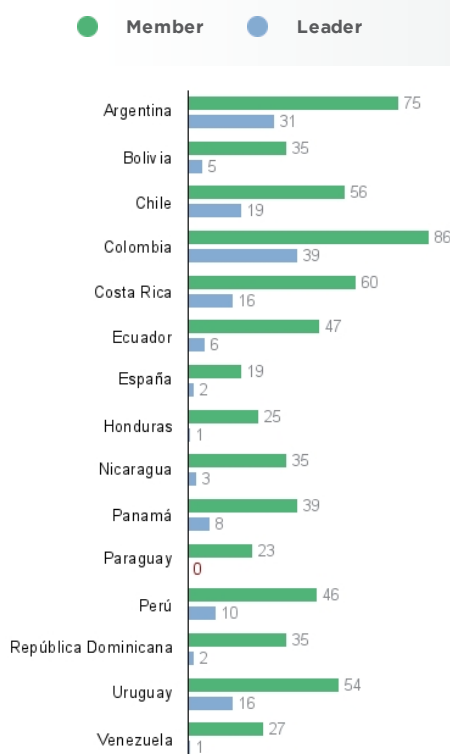
Counterpart contribution
93.177.555

FONTAGRO
28.989.468

IDB
9.922.700

Other agencies
9.809.078

PARTICIPATION AND ROLE IN CONSORTIUMS SINCE 1998



FONTAGRO IN NUMBERS

193 Number of projects approved

141.9 Approved total amount US\$
MILLONES

9.8 Contribution from other agencies
MILLONES

32 Benefited countries

63 Generated technologies

15 New technologies for ALC

8 Technology of global relevance

MEMBER COUNTRIES

