

Development of potato seed and postharvest production technologies

ECUADOR / BOLIVIA / COLOMBIA / PERU / VENEZUELA



 Webstory



The technological solution

Development of technologies for postharvest and production of potato seed that allows to have quality material for planting.







Description

Design and construction of a sanitizing table for cleaning the tuber, and a seed production scheme that includes: 1. Multiplication of plant material in vitro; 2. Ex vitro hardening; 3. Transplant to the aeroponic system; 4. Harvest and storage; and 5. Sowing small-tubers in the field.



Results

-  Aeroponic potato seed production method.
-  Sanitizing table to clean the tuber.
-  Handling of mini-tubers as a starting material in the production of quality seeds.
-  Strengthening the capacities of farmers, technical assistants and specialists.

+2276

Beneficiaries

79

Publications

25

Presentations

17

Thesis

PARTICIPATING ORGANIZATIONS



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.

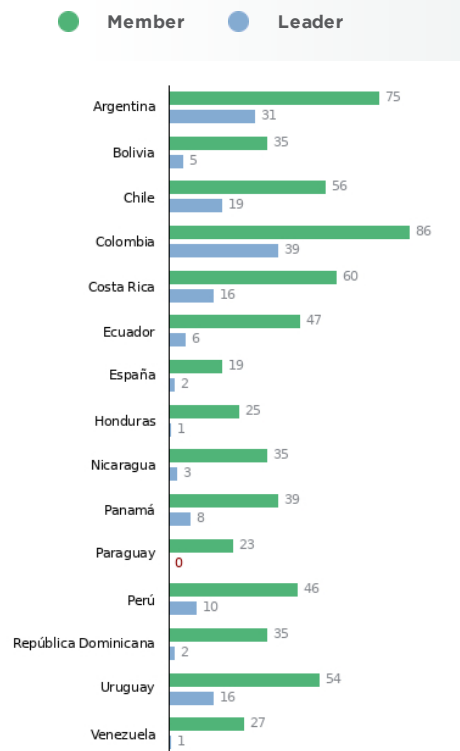


ORIGIN OF RESOURCES



- **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

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