Selection of sweet potato varieties
PERU / ARGENTINA / DOMINICAN REPUBLIC / VENEZUELA

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

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.

Description
The varieties selected for their high yield and potential for dual-purpose consumption (human and animal food) were: Morado Maravi (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.

9 Selected varieties
+37 t/ha Yield
39 Publications
8 Presentations
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**: 93.336.357
- **FONTAGRO**: 28.989.467
- **IDB**: 9.922.700
- **Other agencies**: 9.844.078

FONTAGRO IN NUMBERS

- **198** Number of projects approved
- **142.1 MILLONES** Approved total amount US$
- **9.8 MILLONES** Contribution from other agencies
- **32** Benefited countries
- **63** Generated technologies
- **15** New technologies for ALC
- **8** Technology of global relevance

PARTICIPATION AND ROLE IN CONSORTIUMS SINCE 1998

- **Member**
- **Leader**

MEMBER COUNTRIES

- Argentina
- Bolivia
- Chile
- Colombia
- Costa Rica
- Dominican Republic
- Ecuador
- Panama
- Paraguay
- Peru
- Republica Dominicana
- Uruguay
- Venezuela

MEMBER COUNTRIES