FONTAGROTECH

More productive and sustainable rice for Latin America

CHILE / ARGENTINA / PANAMA / COLOMBIA / VENEZUELA

Webstory

The technological solution

The Intensive Rice Cultivation System (SICA) favors the development of the plant improving efficiency in the use of nutrients, light and water. It is based on the incorporation of biomass to the soil, transplanting young seedlings, in low density, placing one seedling per site, using irrigation (not flooding) and mechanical control of weeds.

Description

The project seeks to train technicians and producers linked to the rice sector in LAC on the System of Rice Intensification (SRI), to increase productivity and sustainability while reducing costs and inputs.

Results

The results are: Increase the yield of rice cultivation of the intervened plots by at least 1 ton/ha, reduce the use of agrochemicals used in rice cultivation by 10%, reduce by 30% the use of rice seed in the intervened areas and reduce the production costs of rice cultivation by 20%

18
SRI validation sites established in Chile, Panama and Argentina

50 %
Reduction in water use

545
Farmers and advisors trained

3
Participatory innovation groups (PIG) created in Chile

+1 ton/h
Increase in rice yield from intervened plots

10 %
Reduction in agrochemical use in rice cultivation

MAIN DONORS
FONTAGRO

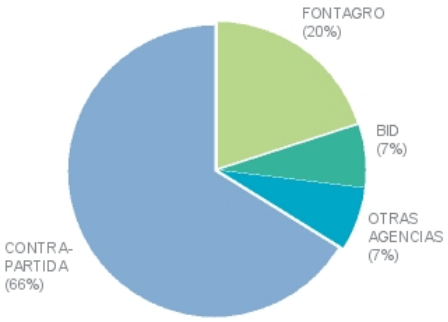
PARTICIPATING ORGANIZATIONS

FONTAGROTECH

ABOUT FONTAGRO

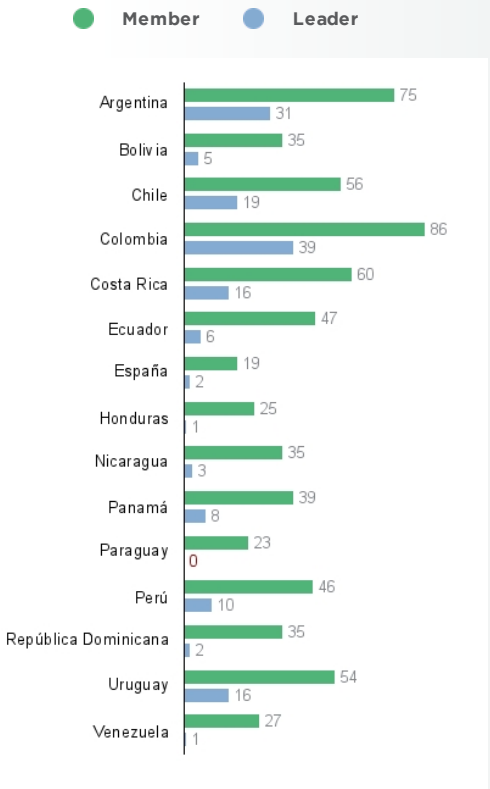
FONTAGRO is a unique cooperation mechanism for agricultural innovation in Latin America and the Caribbean (ALC) and Spain, that works through regional platforms. It is composed of 15 countries that have contributed capital exceeding 100 million dollars and the Inter-American Development Bank (IDB), which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

MEMBER COUNTRIES

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

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