

Scaling continuous improvement and benchmarking in red spot management and soil health in family organic bananas

DOMINICAN REPUBLIC / ECUADOR / PERU

 Webstory



The technological solution

Implement and monitor a technological scaling process for the management of red spot Trips and soil health, using a mobile application for data capture and transmission, using the continuous improvement and benchmarking approach to improve the productivity and profitability of family organic banana plots



Description

To scale successful technologies for red spot management and soil health, we are converting the routine of key data collection, monitoring of effectiveness of practices and recording of costs and income into an application for mobile phones for the capture and transmission of data weekly to a database in each producer association



Results

- The mobile application and its databases on thrips red spot and soil health will be installed among 2,400 producers, 45 technicians and 15 associations
- An increase of 500 boxes / ha-year is projected in each producer as a result of its use and the resulting improvements in crop management
- A team of national researchers, technical managers and public officials will manage a platform in each country of real-time and historical data of 800 plots to guide programs of productive improvement, research and support policies of family producers of organic bananas for export.

150

Organic banana producers reducing losses and improving the health of their soils

45

Technicians applying continuous improvement and benchmarking

15

Producer associations applying continuous improvement and benchmarking

500

Additional banana boxes / ha / year produced

150

Real-time and historical data from plots

1

App Ma\$ Banano



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



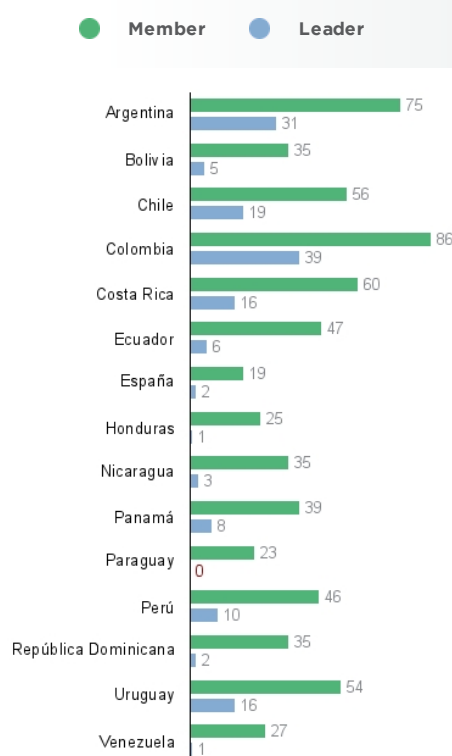
● **Counterpart contribution**
93.177.555

● **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

