

# Laboratory protocol for the detection of Burkholderia (Burkholderia glumae)

PANAMA / COLOMBIA / COSTA RICA / NICARAGUA

 Webstory



## The technological solution

Conventional and molecular laboratory methods for the efficient and accurate detection of burkholderia in rice.



## Results

Diagnostic method of the presence of the "hongo-ácara-bacteria" complex in the main rice growing areas.

Regional standardization of conventional and molecular diagnosis of *B glumae*.

Strengthening the capacities of technical assistants and specialists in the identification and Integrated Management of Rice Cultivation through exchange, courses and training.



## Description

Molecular identification of *B. glumae* by PCR using primers GI-13F and GI-14 R.

668

Trained technicians

9

Publications

18

Training Events

## 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



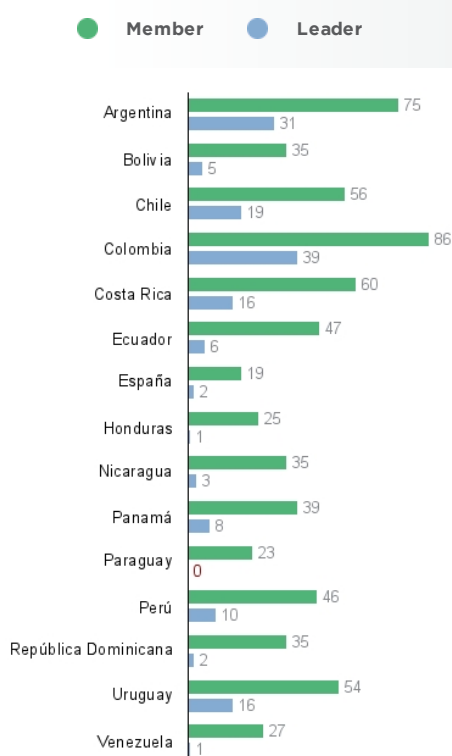
**Counterpart contribution**  
93.177.555

**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

