

Strategies for managing coffee berry borer in Robusta coffee in a framework of climatic variation.

PANAMA / HONDURAS / NICARAGUA



 Webstory



The technological solution

Eliminating fallen and remaining coffee beans in the plant and the use of low-cost traps with attractants, contribute to breaking the insect cycle. Similarly, predators and fungi such as *Cephalonia stephanoderis* and *Beauveria bassiana*, contribute to its control. The above elements require training of producers and extension agents.



Description

Coffee production is dominated by small-scale producers. The objective of the project is to reduce economic damage by identifying technical limitations in production systems, analyzing climate variation, proposing Integrated Coffee Berry Borer Management (MIB) and adjustments to improve the effectiveness of current strategies.



Results

Artisanal control of the coffee borer was achieved by eliminating fallen and remnant grains in the plant and the use of simple traps with disposable material and low-cost attractants.

It was determined that the use of predators such as *Cephalonia stephanoderis* and fungi such as *Beauveria bassiana*, contribute to the control of the insect.

The above elements require a strong training element for both producers and extension agents. The project managed to train 2440 producers and incorporate other 210 growers into planting coffee.

3440

producers trained in integrated coffee berry borer management (MIB)

27

field days conducted (training)

81

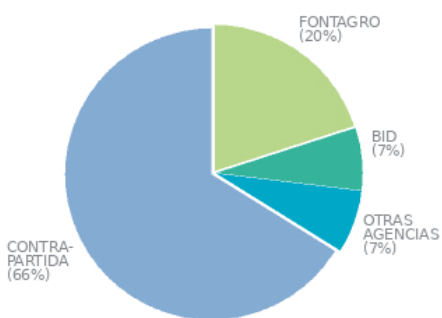
demonstrations of methods performed (training)

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.

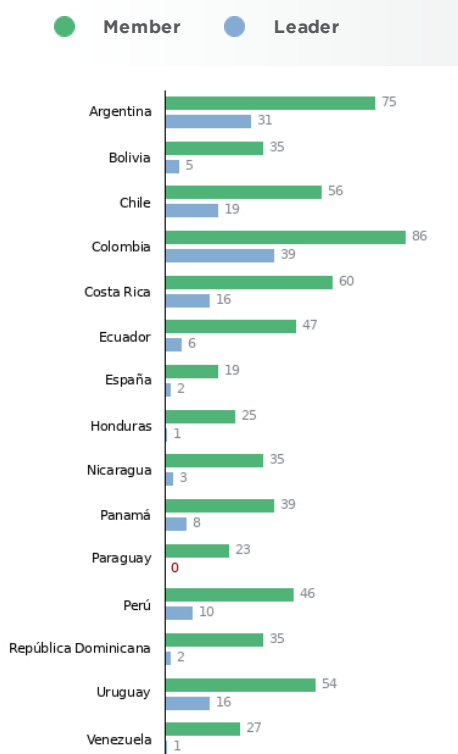


ORIGIN OF RESOURCES



- **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