

# Techniques to reduce the red spot thrips damage in organic banana

COSTA RICA / DOMINICAN REPUBLIC / ECUADOR / HOLLAND / PERU



 Webstory



## The technological solution

Organic banana producers suffered losses of 20-30% due to the red spot thrips (*Chaetanaphothrips signipennis*), a cosmetic damage, but with zero tolerance for export. Techniques were developed for the agroecological control of the thrips and to improve soil health.



## Description

Improvement in the closed acorn sheathing technique and the use of bioinsecticides with beauveria (*Beauveria bassiana*), vegetable oils and natural pyrethrins.



## Results

- Local institutional alliances were developed in territorial and international platforms to promote good practices and reduce the vulnerability of the sector to phytosanitary risks, climate change and improve productivity.
- Red spot thrips damage reduction to 0-5%, compared to losses of more than 40% without the sheathing technique.

500

Producers benefited

12

Field days

415

Trained technicians

### PARTICIPATING ORGANIZATIONS



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.

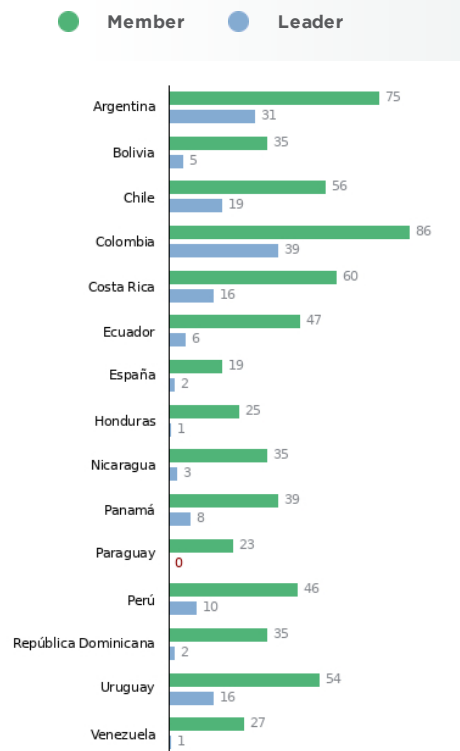


ORIGIN OF RESOURCES



- **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 |          |