



Strategy for the diagnosis and control of the Small Hive Beetle

ARGENTINA / COSTA RICA / DOMINICAN REPUBLIC / URUGUAY

Webstory



The technological solution

The small hive beetle or PEC (*Aethina tumida*) is a parasite that is characterized by feeding on honey, pollen and the brood of bees; their larvae cause the fermentation of honey; the destruction of the combs and the collapse of the hives.



Description

The best protection against PEC is obtained with adequate nutritional and sanitary management, with young and quality queens, healthy and well-fed bees. The biological foundations for the control, diagnosis and prevention of PEC are available at: <https://www.redlac-af.org/>



Results

- The work of 441 Technicians and Researchers was articulated.
- A website of the Latin American Beekeeping Network (REDAC-AF).
- 48 technological trails were adapted, the results of which were implemented in demonstration units, reducing the mortality of hives by 80% and achieving a 26% increase in production.

20.000

Beekeepers benefited

86

Trained investigators

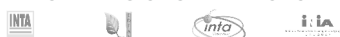
36

Trained organizations

230

Training events

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.

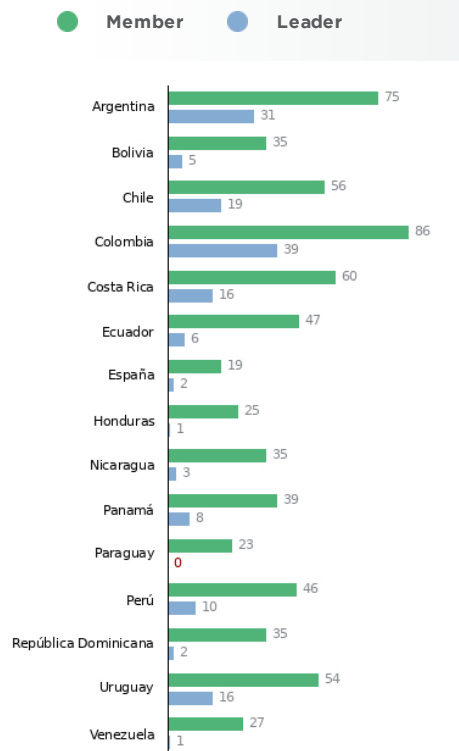


ORIGIN OF RESOURCES



- **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 | |