

# Development of an eco-insecticide for Andean crops

BOLIVIA / COLOMBIA

 Webstory



## The technological solution

Development and use of biofertilizers, biofungicides, biopesticides and growth promoters with the potential to replace the traditional ones generated by chemical synthesis. Most of these products can be produced locally by communities or specialized small businesses.



## Description

AcariTop is a natural eco-insecticide, made from calcium sulphide broth and extract obtained from locoto and chili peppers.



## Results

- Control populations of spider mites, thrips, fleas and aphids.
- Repellent for secondary pests (mice, hares, birds and other vertebrates).
- Up to 20% increase in yield due to the use of biofertilizers and biopesticides in onion, potato, lettuce, tomato, corn and quinoa.

**350**

Trained farmers

**150**

Trained technicians

**7**

Scientific articles

## 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

