

# New IPM program for potatoes in the Andean Region

PERU / BOLIVIA / ECUADOR

 Webstory



## The technological solution

Farmers traditionally use highly toxic insecticides to control potato pests in the Andean Region. The use of new techniques of Integrated Pest Management (IPM) allows reducing the use of agrochemicals and obtaining a greater benefit for the farmer and the environment.



## Description

The IPM includes: 1) the increase of the plant diversity in the field (medicinal plants and flowers) to conserve and increase the beneficial fauna, 2) the use of plastic barriers in the field to control the weevil, 3) the use of attracticides to the potato moth, and 4) the use of Bt talc to control the moth in potato storage.



## Results

- By increasing plant diversity, the pest population in the crop was reduced.
- The use of entomopathogens is an effective tool for the control of harmful larvae.
- IPM technology reduced costs, increased farmer profits and reduced environmental damage.

**+1500**

Trained farmers

**11**

Publications

**20**

Training courses

## 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



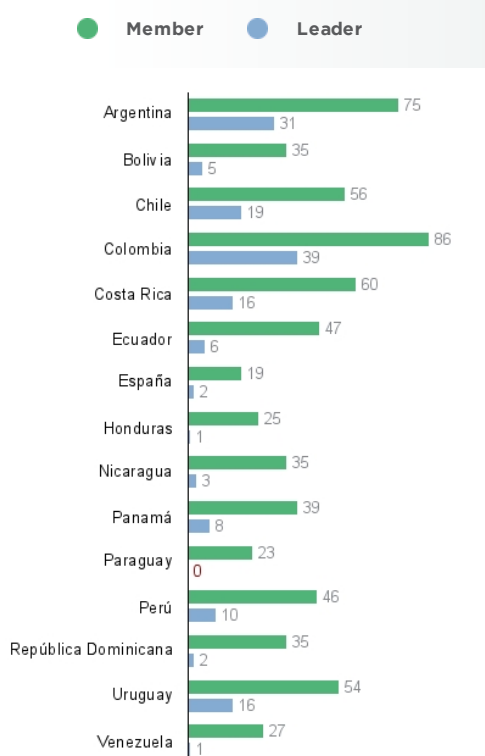
● **Counterpart contribution**  
93.177.555

● **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

