Use of plastic barriers to control potato weevil

PERU / BOLIVIA / ECUADOR

















The technological solution

The Andes weevil (Premnotrypes spp.) does not fly and enters potato fields by moving along the ground, for which the effectiveness of plastics as physical barriers to interfere with the migration of weevils to potato fields was evaluated.



Description

Use of plastic barriers 50 cm high to reduce the populations of adult weevils, the risk to the farmer and the environment.



Results

- Plastic barriers are effective for the control of the Andean weevil in the Andean zone.
- Its greater efficiency is obtained in fields with rest.
- O Plastic barriers are cheaper than insecticides and have a lower environmental impact.
- Easy to adopt and adapt by farmers.

+1500

Farmers benefited

-39 %

Weevil damage

807 US/ha

Net profit up to





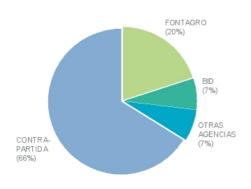


ABOUT FONTAGRO

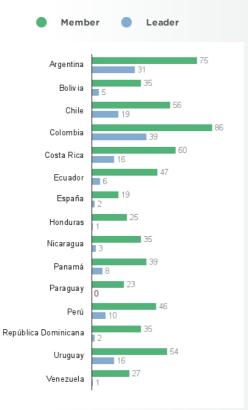
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PARTICIPATION AND ROLE IN CONSORTIUMS SINCE 1998



- Counterpart contribution 93.177.555
- **FONTAGRO** 28.989.468
- IDB 9.922.700
- Other agencies 9.809.078



Number of projects 193 approved

amount US\$

9.8

other agencies

15

New technologies for ALC

8

Technology of global relevance

MEMBER COUNTRIES

