

Prevention and control of HLB vector insect in citrus family farming

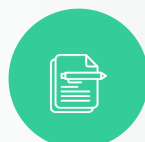
ARGENTINA / BOLIVIA / PARAGUAY / URUGUAY

 Webstory



The technological solution

Integrated Pest Management (IPM) technology with focus on HLB vector control (*Diaphorina citri*) in citrus is proposed, through monitoring, use of safe products and natural enemies (*Tamarixia radiata*, *chrysopids*). Monitoring activates an alert system for family growers and other actors.



Description

Adaptation and dissemination of IPM through demonstration lots (DL) in family citrus establishments, selected with participatory methodology. Training and rising social awareness about HLB vector control and disease prevention. Monitoring of sustainability, phytosanitary quality and economic analysis.



Results

- 17 demonstration lots (DL) with integrated pest management (IPM) together with 17 conventional lots (LC) located in family establishments.
- 950 pests and diseases monitoring carried out.;
- 2 natural enemies release (*Tamarixia radiata*) in Argentina and Uruguay.
- 3000 trained in HLB prevention and vector control.
- 126 recipients of the alert system with access to the BioTic-INTA Fontagro-HLB portal.
- 126 certificates awarded in virtual course for monitors from INTA PROCADIS.
- 1 Field Guide about HLB, and its vector for growers.

17

Demonstration lots of IPM

950

Monitoring activities held regarding pests and diseases control

78 %

Population decline of the HLB vector insect, *Diaphorina citri*

52

Project news published on Fontagro Web

126

Subscribers to the Pest and Disease Alert System with access to BioTic INTA-Fontagro HLB web portal

+21

documents (published in Web Fontagro and 3 works in congresses))

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

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