Coffee rust alert system

Laying the foundations for a Regional Early Warning System for Coffee Rust

Guatemala / Costa Rica / Dominican Republic / Honduras / The Savior / Jamaica / Panama / Peru

1.1Mill.
Farmers potentially benefited

25
Regional experts

4
Training workshops

3
Technical publications

Regional Early Warning System for Rust and other Important Coffee Pests

The implemented initiative

The project systematized knowledge about the management of rust information in countries of the region, training technical capacities in each country for rust information management, developed a REWS model for rust to be implemented in subsequent projects, and trained technicians, decision-makers and producers in its use. Emphasis was placed on systematizing research results of the climatic factor as a risk factor, since at the moment, it is believed that there is a direct relationship between meteorological conditions and the rust epidemic, but there is no precise knowledge of the conditions that caused such a strong outbreak. Common tools were established that will make it possible to compare results in the region.

Regional Early Warning System for Rust and other Important Coffee Pests

The technological solution

The REWS proposed: 1.Evaluate the threat of a coffee rust outbreak, with an agronomic, economic and social impact on places and populations, and its possible spread in the region. 2. Offer timely, accurate and useful information to all affected groups for decision-making on how to respond at the level of decision-makers, technicians, and producers. 3. Propose actions to respond to the immediate threat, mitigate its impact and take measures to avoid future crises.

MÁS INFO

Results

Theoretical bases were generated to develop and implement a Regional Early Warning System for coffee rust and other important diseases. The damage caused by rust is expected to decrease to less than 5%.

Technical capacity was generated in the region to design and model early warning systems for pests and diseases.

Main donors

Participating Organizations

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