Biointensive maize and bean cultivation method for the Dry Corridor of Central America

NICARAGUA / HONDURAS

The technological solution
Sustainable management of family agriculture in the Dry Corridor by increasing climate resilience with the implementation of technological innovations through Field Schools and the Heifer International "Passing on the Gift" or "Pase en cadena" methodology.

Description
The biointensive management methodology for the Dry Corridor consisted of implementing participatory plant breeding in corn and beans, good agroecological practices resilient to climate change, strengthening of the agroclimatic information system and alliances with the public and private sectors linked to value chains.

Results
- 21 traditional corn varieties with a yield of 3000 kg/ha higher than the average of 1667 kg/ha.
- 30 community banks of traditional seeds.
- Alliances with the public-private sector Camo Schools ECAS-Promoter ARSAGRO / UNAG
- Self Saving and Loan Committees in 30 communities.

1146
Trained farmers

55
Strengthened seed banks

3
Publications

2100
Families that receive agroclimatic information
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: 93,336,357
- FONTAGRO: 28,989,467
- IDB: 9,922,700
- Other agencies: 9,844,078

PARTICIPATION AND ROLE IN CONSORTIUMS SINCE 1998

- Member
- Leader

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FONTAGRO IN NUMBERS

- Number of projects approved: 198
- Approved total amount US$: 142.1 MILLONES
- Contribution from other agencies: 9.8 MILLONES
- Benefited countries: 32
- Generated technologies: 63
- New technologies for ALC: 15
- Technology of global relevance: 8

MEMBER COUNTRIES

- Argentina
- Bolivia
- Chile
- Colombia
- Costa Rica
- Dominican Republic
- Ecuador
- Honduras
- Nicaragua
- Panama
- Paraguay
- Peru
- Spain
- Uruguay
- Venezuela