

PTTA

Haiti

Technology Transfer to Small Farmers Program



PROGRAM

Aims to sustainably improve small farmers' agricultural income and food security in the north and northeast department of Haiti.



UNIVERSE

Type of Evaluation

Randomized phase-in and Propensity Score Matching.

Beneficiaries

34,913 farmers benefited from incentives for coffee, cocoa, agroforestry gardens, horticulture, and rice.



INTERVENTION

The program provides vouchers for various agricultural inputs (seeds, fertilizer, etc.), with the objective of increasing input use and obtaining higher yields.

WHY ARE WE DOING THIS EVALUATION?

To measure the short-term impact of the program on technology adoption, agricultural production, and food security.

RICE



Obtain lower yields (kg/ha) and value of rice production (US\$)

HORTICULTURE



Are more likely to use fertilizer crops (**11%**) and show higher use of it (**45 kg/ha**)



Did not obtain higher value of production nor profits



AGROFORESTRY



Increased the number of parcels under annual crops (**0.55**)



Obtained higher the total value of production of crops (**38%**)



Obtained higher agricultural income from crops (**58%**)

CONCLUSIONS

Agroforestry packages have performed better than annual crops
Technologies should be innovative and add value, not replace the market
Implementation details are key for technology transfer to be effective



Copyright © 2017 Inter-American Development Bank. This work is licensed under a Creative Commons IGO 3.0 Attribution-NonCommercial-NoDerivatives (CC-IGO BY-NC-ND 3.0 IGO) license (<http://creativecommons.org/licenses/by-nc-nd/3.0/igo/legalcode>) and may be reproduced with attribution to the IDB and for any non-commercial purpose. No derivative work is allowed. Any dispute related to the use of the works of the IDB that can not be settled amicably shall be submitted to arbitration pursuant to the UNCITRAL rules. The use of the IDB's name for any purpose other than for attribution, and the use of IDB's logo shall be subject to a separate written license agreement between the IDB and the user and is not authorized as part of this CC-IGO license. Note that the link provided above includes additional terms and conditions of the license. The opinions expressed in this publication are those of the authors and do not necessarily reflect the views of the Inter-American Development Bank, its Board of Directors, or the countries they represent.

Authors: Inter-American Development Bank (IDB), Development Impact Evaluation (DIME) and Paris School of Economics (PSE).