

Evidences

Study #4458

Contributing Projects:

- P1836 - Promotion of appropriate practices under the R4 Resilience Initiative
- P2103 - DeSIRA- Climate-smart innovations to improve productivity, profitability, and sustainability of agriculture and food systems in Malawi through multidisciplinary research
- P1827 - RENEWAL: Taking Maize Agronomy to Scale in Africa (TAMASA)
- P968 - Implementing Adoption/Impact and Learning portfolio in MAIZE AFS, including syntheses, new studies/methods, resource mobilization and inter-CRP collaboration
- P1771 - Zimbabwe Agricultural Livelihoods Innovation Project/CRS-ZALIP
- P1070 - Rethinking adoption and adoption research (New)

Part I: Public communications

Type: Ex-post adoption study

Status: Completed

Year: 2021

Title: Climate-smart agriculture in Zimbabwe: Farmer adoption dynamics & impacts

Commissioning Study: CIMMYT

Part II: CGIAR system level reporting

Links to the Strategic Results Framework:

Sub-IDs:

- Increased conservation and use of genetic resources
- Adoption of CGIAR materials with enhanced genetic gains
- Increased livelihood opportunities

Is this OICR linked to some SRF 2022/2030 target?: Yes

SRF 2022/2030 targets:

- # of more farm households have adopted improved varieties, breeds or trees

Description of activity / study: Climate-smart Agriculture (CSA) offers important opportunities for enhancing food security and incomes, via greater agricultural productivity. Researchers investigated CSA adoption using cross-sectional survey data collected from 386 households (e.g. sample of adopters and non-adopters) across 4 districts in Zimbabwe. The econometric results show that soil fertility status in fields, distance to input and output markets, ownership of communication assets, and Total Livestock Units (TLU) significantly impact on the farmers' decision to adopt CSA (or not). This also indicates that CSA adoption has had a significant, positive impact on the welfare of the farmers (e.g. income & food security).

Geographic scope:

- National

Country(ies):

- Zimbabwe

Comments: <Not Defined>

Links to MELIA publications:

- <https://doi.org/10.1186/s40066-020-00277-3>