

## Evidences

### Study #3747

#### Contributing Projects:

- P2138 - Strengthening Restoration of Degraded Landscapes deliverable in 2021

#### Part I: Public communications

**Type:** Program/project evaluation/review

**Status:** Completed

**Year:** 2021

**Title:** Monitoring of the impacts of restoration options on soil organic carbon and soil biological activity

**Commissioning Study:** WLE

#### Part II: CGIAR system level reporting

#### Links to the Strategic Results Framework:

Sub-IDs:

- Reduced net greenhouse gas emissions from agriculture, forests and other forms of land-use (Mitigation and adaptation achieved)

Is this OICR linked to some SRF 2022/2030 target?: Too early to say

Description of activity / study: A total of 665 households participated in the planting basin planned comparison trials during the OND rains of 2018 and 842 households participated in the OND rains in 2019. Farmers tested different sizes of basins comparing the yield performance and uptake of the basin options. The current activity aims to assess the impact of these planting basins with and without composted manure application, compared to normal farmer practice (with and without manure on ox-ploughed fields) on soil function. Key soil health variable monitored included soil organic carbon, soil pH, and infiltration capacity.

#### Geographic scope:

- Global

Comments: <Not Defined>

#### Links to MELIA publications:

- [https://www.dropbox.com/s/iuda1e418bafrbo/ICRAF\\_Planting](https://www.dropbox.com/s/iuda1e418bafrbo/ICRAF_Planting)
- WLE
- Basin
- Report
- report.docx?dl=0
- SOC
- Jan
- 2021\_final