



EU H2020
PROJECT
GA 862848

Linking East and West African
farming systems experience into
a BELT of sustainable intensification



D 3.4

Video Report of interviews to local farmers on ethnoecological knowledge

Grant Agreement:	862848
Project Title:	Linking East and West African farming systems experience into a BELT of Sustainable Intensification
Project Acronym:	EWA-BELT
Project Start Date:	31 st October 2020
Related work package:	WP3
Lead Beneficiary:	UNISS
Submission date:	31 st March 2023 (4 th April 2023)
Nature:	Website, patents, filing
Dissemination Level:	Public

www.ewabelt.eu



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 862848



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ACKNOWLEDGEMENT

This document is a deliverable of the EWA-BELT project. This project has received funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement Number 862848.



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EXECUTIVE SUMMARY

This video report (**available at: <https://www.youtube.com/watch?v=33T3kyE1i1Y>**) contains a selection of interviews realised in Kenya (Nyacach-Kisumu County; Karachuonyo- Homa Bay County; Mumia West Kakamega- Western Kenya) in October, 2022.

The deliverable aims to provide a visual support to other project deliverables presenting the results of questionnaires on farmers' perception and knowledge on pests and diseases (D3.5) and mycotoxins (D3.6).

The interviewed farmers are representative of different crop/gender/age categories. They provide information concerning traditional means for achieving ecologically sustainable pest and pathogen control in the field and during the postharvest phases. Among the traditional remedies, push-pull technology, growing repellent plants as intercrop and the application of wood ash, plant extracts, and cattle dung/urine, either alone or in combination, were identified as effective in controlling both pests and pathogens on different crops (mainly groundnut, maize, and horticultural crops).

Most interviewed famers also indicated that it is possible to grow repellent and botanical plants for the development of alternatives to chemical pesticides. This activity is not considered as profitable, and farmers declared that plant propagative material was frequently shared among the community members.

Tacit knowledge on traditional remedies for plant pathogen and pest control is transmitted from parents, particularly from mothers.

Given the importance of preserving traditional knowledge on plant protection and postharvest storage approaches, additional video interview from other African countries can be realized and shared on the main official communication tools of the project (you tube channels and project website) along the entire duration of the EWA BELT.