

# FOODS & BUSINESS APPLIED RESEARCH FUND

## IMPROVED VARIETIES OF CLEOME GYNANDRA FOR AFRICA (BENIN AND KENYA)

CONSORTIUM MEMBERS	JOB TITLES	ORGANIZATIONS
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## AIM

Improve access to healthy food for the vulnerable people living in marginal lands in Kenya and Benin, and potentially in other African countries.

## IMPACT

- Benin and Kenya farmers' income in target communities increased by 10%.
- Consumption of C. gynandra improvement in 10% of targeted communities of Benin and Kenya.
- Production systems of Benin and Kenya enhanced with nutritious and drought tolerant cultivars.



### Activities already undertaken:

- Inception meeting, first and second Project Boarding meetings
- Realization of two posters on the project
- Collection of Cleome gynandra accessions and seed multiplication
- Morphological characterization and Ethnobotanical surveys
- Selection of 48 Cleome gynandra lines (24 lines from Asia and 24 from Africa)
- Field trials in 3 urban and peri-urban settings in Benin and Kenya

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### Planned activities

- Test for drought tolerance and assessment of the nutritional value and bioactive compounds...
- Genotyping through re-sequencing of the genome of C. gynandra.
- Selection of best improved cultivars of C. gynandra .
- Farmer field school on cropping systems and cultivation practices and cooking workshops
- Preparation of factsheets and brochures to disseminate information about nutritional properties and recipes idea

