

PROGRAMME FOR KENYA NATIONAL WORKSHOP ON UPGRADING VALUE CHAINS FOR BAMBARA NUT AND AMARANTH

Chief Organizer: Prof. Kiarie Njoroge (*Plant-Breeder/Geneticist/Seed systems, Faculty of Agriculture, University of Nairobi*)

Assistant Chief Organizer: Dr Victor Wasike (*Principal Research Scientist/Program Officer, Kenya Agricultural Research Institute*)

Chief Facilitator: Mr. Per Rudebjer (*Head, Knowledge Management and Capacity Development, Bioversity International*)

Chief Rapporteur: Prof. Alex Machocho (*Natural Products Chemist, Kenyatta University*)

Secretariat: Ms. Pauline M. Ndwiga (*Horticulturalist, Kabete Field Station, University of Nairobi*)

Workshop Purpose

This National innovation platform which aims at expounding and documenting the value chains of two crops: Bambara groundnuts and amaranth (both grain and leaf types). We expect, at the end of the workshop to have mapped Kenya' stakeholders in these two crops, and to have the associated value chains and their roles identified. A report—on the constraints and opportunities available for bambara groundnut and amaranth value chains will be listed in Kenya as a result. Later this information will be used to guide writing of a national Action Plan for both bambara and amaranth value chains

DAY ONE, 30 June 2014

Preliminaries

08.30-09.00	Registration	Ms Pauline Ndwiga
09.00-09.10	Introductions	Prof. Kiarie Njoroge

Part 1: Expounding and documenting the value chains

SESSION 1: OVERVIEW OF NUS IN KENYA

Chair-person: Prof. George Chemining'wa

Chairman, Department of Plant Science and Crop Protection, Faculty of Agriculture, University of Nairobi

09.10-09.20 Background and Workshop objectives

Prof. Kiarie Njoroge, Chief Workshop Co-coordinator

09.20-09.50 Project background and Neglected and Underutilized Crops (NUS)

Mr. Per Rudebjer (*Head, Knowledge Management and Capacity Development Bioversity International*)

09.40-10.10 Official opening address

Dr George Ombakho (*Director, Research Management and Development, State Department of Science and Technology*)

10.10 -10.40 Perspectives on underutilized crops in Kenya

Dr Lusike Wasilwa (*Asst. Director, Horticulture and Industrial Crops, KARI Hqs.*)

10.40- 11.10 Health Break

11.10-11.40 The role of value chains in the utilization of crops in rural communities

Dr Victor Wasike (*Principal Research Officer & Programme Officer, KARI Hqs.*)

11.40-12.00 Underutilized crops in the national perspective

Patrick Onchieku (*Ministry of Agriculture Hqs, Kilimo House*)

12.00 – 1.00 Perspectives from stakeholders (Facilitator)

13.00- 14.00 Lunch break

SESSION 2: SITUATION ANALYSIS: AMARANTHS IN KENYA

Chairperson Dr S. Chakeredza: (*Deputy Executive Secretary, African Network for Agriculture,*

Agro-forestry and Natural Resources Education (ANAFE))

14.00 -14.30 Food products and utilization of amaranths

Dr Dan Sila (*Jomo Kenyatta Univ. of Agric. & Tech.*)

14.30-14.50 Production and marketing of amaranths and Bambara Nut in Kenya

John Ndugu (KARI Thika)

14.50-14.20 Germplasm conservation Bambara nut and the amaranth

Dr Desterio Nyamongo (*The National Gene Bank of Kenya, Muguga*)

14.20–14.20 Research priorities on amaranth and the bambara.

Ms. Agnes Ndegwa (*Coordinator, Vegetable Research, KARI, Thika*)

SESSION 3: TOWARDS A NATIONAL STRATEGY ON GRAIN AMARANTH

Facilitator: Violet Kirigua (KARI Hqs)

14.20–14.40 Underutilized crops and value chains-perspectives from extension.

Mr Ngugi Ticha (*Value Chain Development Officer, ASDSP, Kilifi County*)

- 14.40-15.00 Overview of Value Chain Upgrading Strategies**
Per Rudebejr (Head, Knowledge Management and Capacity Development Bioversity International)
- 15.00-15.30 Health Break**
- 15.30-16.30 Group work (Bambara & amaranth) on upgrading amaranth value chain in Kenya**
(Facilitator)
- 16.30 End of Day 2**

DAY THREE, 30 June 2014

Part 2: Constraints and opportunities available for bambara groundnut and amaranth value chains

SESSION 4: BUILDING CAPACITY IN KENYA FOR NUS VALUE CHAINS

Chairperson: Prof. Florence Olubayo (Agricultural Entomologist, Faculty of Agriculture, University of Nairobi)

- 08.30-08.50 Recap from Day One**
Mr. Per Rudebjerr (Head, Knowledge Management and Capacity Development Bioversity International)
- 08.50-09.20 Group work continues**
- 09.20- 09.40 Report back from groups (Facilitator)**
- 09.40-10.00 Opportunities for research on NUS.**
Dr Richard Hall (International Foundation for Science)
- 10.00-10.30 Health Break**
- 10.30-11.00 Experiences with medicinal plants from underutilized crops**
Dr. Jennifer Orwa (Kenya Medical Research Institute, KEMRI)
- 11.00-11.30 Integration of underutilized crops in tertiary education curricula and potential benefits, the case for ANAFE.**

Dr Sebastian Chakeredza (Deputy Executive Secretary, African Network for Agriculture, Agro-forestry and Natural Resources Education, ANAFE)

SESSION 5: SITUATION ANALYSIS: AMARANTHUS AND BAMBARA NUT IN KENYA

Chairperson: Mr. Per Rudebjer (*Head, Knowledge Management and Capacity Development Bioversity International*)

11.30-12.00 Bambara nut research current status and into the future

Dr Patrick O'Riley *Crops for the Future Research Centre, Malaysia*

12.00-12.30 Experiences with commercialization of Amaranths

Dr. Dan Sila (*Jomo Keyatta University of Agriculture & Technology*)

**12.30 - 13.00 The future of bambara nuts and the amaranths, perspectives from stakeholders:
A facilitated discussion**

Mr. Per Rudebjer (*Head, Knowledge Management and Capacity Development Bioversity International*)

13.00- 14.00 Lunch break

SESSION 6: TOWARDS A NATIONAL STRATEGY ON BAMBARA NUT AND AMARANTHUS

Chairperson: Mr. Per Rudebjer (*Head, Knowledge Management and Capacity Development Bioversity International*)

14.00-14.30 Plenary Session/Discussions from stakeholders

14.30-15.00 Report back from groups

15.00 -15.30 Health Break

15.30 – 16.00 Recommendations on the future of bambara and amaranthus crops in Kenya

16.00- 16.300 End of Workshop
