

## Session Program

8-11 Sept 2026



# 10th U6+ Consortium of African Universities International Conference

## Agriculture & Food Systems

University of Eldoret, Main Campus  
P.O. Box 1125-30100 Eldoret, Kenya. (East Africa Time)

Times shown in Africa/Nairobi

## Wednesday 9 September

14:00

(Africa/Nairobi)

### Agriculture & Food Systems

**Session** | **Location:** EKA Hotel, Rimoi, Eldoret Town | **Convener:** Kennedy Pkania - Chairperson

14:00–14:12

#### Nutritional Quality, Antioxidant Potential, and Sensory Acceptability of Biscuits Enriched with *Hermetia illucens* and *Gonimbrasia belina* Flours

##### Speaker

Vusi Vincent Mshayisa

14:12–14:24

#### Integrative Multivariate Assessment of Wheat-Mealworm (*Tenebrio molitor*) Composite Flours: Nutritional Quality, Techno-functional, and Structural Characterisation

##### Speaker

Vusi Vincent Mshayisa

14:24–14:36

#### Genetic Variability and Heritability of Key Agronomic Traits in Mutation-Derived Wheat (*Triticum aestivum* L.) Genotypes Evaluated Across Diverse Environments in Kenya

##### Speaker

Ego Kibiwott Amos

14:36–14:48

#### Morphological Characterization and Distribution of *Guizotia abyssinica* (L.f.) Cass. and *Guizotia scabra* (Vis.) Chiov. in Uasin Gishu County, Kenya

##### Speaker

Billy Kipkemboi

14:48–15:00

#### Nuclear Breeding for Nutritious Food Systems: Morpho-Genetic Diversity, Bio-Fortification, and Yield Stability of Gamma-Irradiated *Lablab purpureus* in Kenya

##### Speaker

Steven Kimno

15:00–15:12

#### Salt resistance in cowpea-bradyrhizobium combination for improved production in saline soils.

##### Speaker

Reuben K. Limo

15:12–15:24

#### Urban Agriculture and Multi-dimensional Household Food and Nutrition Security in a Secondary African City: Evidence from Eldoret City, Kenya

##### Speaker

George Omusotsi Okusimba

15:24-15:36

**Physiological Assessment of Drought Tolerance among Potato Varieties under Greenhouse Conditions****Speaker**

Emmy Chepkoech

15:36-15:48

**Morphological Characterization and Diversity Analysis of New Potato [*Solanum tuberosum* (L.)] Mutant Lines in Kenya****Speaker**

Muasya N. M

15:48-16:00

**Fungal Disease Suppression Dynamics in Sorghum-Legume Intercropping Systems: A Review****Speaker**

Ochran K. Mutai

16:00-16:12

**Application of chitosan and rosemary extract as natural preservatives in ready-to-eat polony: microbial safety, sensory acceptability, and consumer preference.****Speaker**

Charimba George

16:12-16:24

**An Existential Challenge: Climate Change Projections for The Gambia Using Global Circulation Models****Speaker**

Christopher Belford

16:30

16:45

(Africa/Nairobi)

**Agriculture & Food Systems****Session** | **Location:** EKA Hotel, Rimoi, Eldoret Town | **Convener:** M. Kinyua - Chairperson

16:45-16:57

**Tracing and reconnecting the weak links in the nutrition-sensitive African famine vegetables value chains of Rusinga and Mfangano islands using agritech****Speaker**

Denis Ouma

16:57-17:09

**Yield Performance and Genotype-Environment Interaction of Grain Amaranth Accessions Across Two Agro-Ecological Sites in Kenya****Speaker**

Cecilia Kawira Magiri

17:09-17:21

**Commercial Plant Tissue Culture and Aeroponic Minituber Production: A Sustainable Enterprise Model for University Resource Mobilization****Speaker**

Miriam Kinyua

17:21-17:33

**Root architectural traits linked to phosphorus acquisition efficiency in grain sorghum (*Sorghum bicolor* L.) in deficient soils**

**Speaker**

Festus Otieno

17:33-17:45

**Contribution of Indigenous Food Plants to Household Food Security and Livelihoods of the Tiriki Community Living Adjacent to Kakamega Forest, Kenya.**

**Speaker**

Hellen Ipara

18:00

## Friday 11 September

10:15

(Africa/Nairobi)

### Agriculture & Food Systems

**Session** | **Location:** EKA Hotel, Rimoi, Eldoret Town | **Convener:** Prof. Linnet Gohole - Chairperson

10:15–10:27

**From livelihood enterprise to innovation venture: Application-stage evidence and selection lessons from an agrifood incubation hub**

**Speaker**

George Ariya

10:27–10:39

**Hybrid Maize Seed Quality Across the Post-Harvest Handling Chain**

**Speaker**

Gentrix Nasimiyu Juma

10:39–10:51

**Plant parasitic nematodes associated with finger millet in Kapsowar Ward, ElgeyoMarakwet County, Kenya**

**Speaker**

Timothy Chemweno

10:51–11:03

**The influence of growing media on blueberry cultivation: A review**

**Speaker**

Mfeka N.

11:03–11:15

**Effect of aflatoxin laced diets on feed intake growth rate and cholesterol levels of New Zealand white rabbits**

**Speaker**

Elphas Kirwa Tabut

11:15–11:27

**Spatial distribution of plant parasitic nematodes at increasing radial distance from selected agroforestry trees in Western Kenya**

**Speaker**

Musongora Kambale Muyisa

11:27–11:39

**Integrating Fifth Industrial Revolution Technologies and Indigenous Knowledge for Resilient African Food Systems**

**Speaker**

Ferdinand Simiyu

11:39–11:51

**Effect of Parkland Agroforestry System on Soil Properties in Hawassa Zuria District, Southern Ethiopia**

**Speaker**

Gezahegn Gashu

11:51-12:03

**Integration of agricultural indigenous knowledge to sustainable transitions:  
Pathways for modern development in Nigeria.**

**Speaker**

Olatinwo Latifat Kehinde

13:00