

APPENDIX III: EXHIBITIONS

Programme

TIME	ACTIVITY
1.00 pm	Arrival of participants
1.05 - 2.00 pm	Lunch at JKUAT staff cafeteria
2.05 - 2.30 pm	Tree planting
2.40 - 4.00 pm	Parallel events a) Exhibition at AICAD b) Lecture by Prof Calistus Juma
4.10 -4.30 pm	Refreshment break
4.35 - 5.25 pm	Visit to 1. Tissue culture banana 2. Papaya and Rice Project 3. Innovative Research Teaching Methods 4. Food Science Biochemistry Laboratory 5. Biogas Plant
5.30 pm	Departure from JKUAT
6.15 – 9.00 pm	Dinner at Safari Park

List of Exhibitions

1. AGRICULTURE AND FOOD SECURITY

- Fruit project
- Rice project
- System of rice intensification (sri)
- Organic farming
- Mushroom Technology
- Tissue culture technology
- Food processing and value addition

2. AGRICULTURE AND HEALTH

- Medicinal plants and indigenous trees research

3. AGRICULTURE AND SUSTAINABILITY

- Plant-based chemical products
- Hologram
- Agriculture and related machinery

4. AGRICULTURE AND ENERGY

- Bio-energy

5. AGRICULTURE AND CLIMATE CHANGE

- Climate change monitoring and mitigation
- Sustainable construction

6. AGRICULTURAL CHALLENGES AND GRADUATE PROFILES..

- Alumni and international students office (ALISO)

C. VISIT TO JKUAT FACILITIES

- Tissue culture bananas
- Papaya project
- Innovative research teaching methods
- Biogas plant
- Rice project
- Food science biochemistry laboratory

List of Posters

1	Papaya project	Rimberia, F. K., Nyende A.B. , Ateka, E. M, Wamocho, . L. S. Shitanda D. and Onyango A.
2	Sustainable and clean biological control of Banana pests in Africa	Kahangi E.; Mwaura, P. and Losenge, T.
3	Impact of converting cropland to forested stream buffers on soil loss and water quality at the watershed scale	Moriasi, D. ,Steiner J. , Arnold J . , Allen P. Dunbar J., Sang J. , Gathenya J. and Nyaoro J.
4	Enhancing the production of sweet potato in Kenya	Ateka E. M. And Amata . R.
5	Probiotics for gut health and commercialization	Mathara Maina
6	Impacts of BMPs on sediment yield for sasumua watershed central Kenya	Gathenya, J., Mwangi J. and Thiongo G.
7	Piloting a payment for Eco-system service scheme at Malewa Catchment of Lake Naivasha Basin	Gathenya, J., Ndetei R. and Maina N.
8	Methods of monitoring water use in opportunities, challenges and Way For	Muthuri C.W., Ong C. K and Black C. R.
9	Constructed wetland for sewage treatment; an alternative to help resolve water security issues	Kibetu P.M. and Thumbi G.M.
10	Rain water harvesting for improved livelihoods in Arid and Semi-Arid areas of Kenya	Mburu D. M and Home P. G
11	Eucalyptus impasse: growth, water u relative occurrence.	Kuya S., Muthuri C.W. and Ong C. K
12	Improving farm productivity through biogas production from sewage waste	Kahiu N.
13	Climate change and forests of Eastern Europe	Lakyda Petro I. and Vasylyshyn Roman D.

14	Optimizing post harvest processing of <i>Mondia whytei</i> roots	Mayunzu, O. , Shitanda D., Okalebo F. and Kavaka W.
15	Optimizing the performance of smallholder pumped irrigation systems for increased profitability	Kangau S., Home P. and Gathenya J.
16	Assessment of the System of Rice intensification (SRI) for Improving crop and water productivity in Mwea Irrigation Scheme, Kenya	Matolo N., .Mati, B. Home, P. Wanjogu R. , . Odong B. and Gidamis
17	Thin layer drying characteristics of amaranth grains in a natural convection solar tent dryer and the open sun	Ronoh E. K. , Kanali, C. L. , Mailutha J. T. and Shitanda D.
18	Morphological variability within the Kenyan yam (<i>Dioscorea Spp</i>)	Mwirigi P. N; Kahangi E. M; Nyende A. B; Mamati E .G.
19	Morphological Characterization of Kenyan Papaya germplasm	Asudi, G. F. Ombwara, Wanzala F. Nyende A. and Ateka. E.
20	Improving Kenyan Rice production	Murage Hunja
21	Effects of rhizorbial colonization on phosphorus nutrition and growth of sorghum and millet African land races	Matiru V.N., Jaffer M.A and Dakora F. D..
22	Importance of polysaccharide degrading enzymes produced by <i>Fusarium graminearum</i> during infection of wheat heads	Wanyioke M. W, Knag Z. and Buchenauer H.
23	Characterization of indigenous sheep of Kenya; evidence of dilution of the Kenyan red Masai sheep	Muigai Ann
24	Cell wall degrading enzymes produced <i>in vitro</i> by isolates of <i>Fusarium graminearium</i> differing in virulence:	Wanyioke M. W and Buchenauer H.
25	Comparative attractiveness of CO2 baited CDC light traps and animal baits on feeding behavior and survival of <i>Phlebotomus duboscqi</i>	Kasili S. Kutima H. Mwandawiro C Ngumbi PM and Anjili CO

	sandflies	
26	Food Science and Technology Department	Onyango Christine