

COUNTY GOVERNMENT OF KISUMU



THE COUNTY ASSEMBLY OF KISUMU 3 RD ASSEMBLY	
DATE: 29/09/2024	Time: 2:30pm Day: Tuesday
TABLED BY:	Hon. Samuel Dedek
CLERK AT THE TABLE	X. Alondoh

COUNTY ASSEMBLY OF KISUMU

THIRD ASSEMBLY – SECOND SESSION

AGRICULTURE, FISHERIES, LIVESTOCK DEVELOPMENT AND IRRIGATION
COMMITTEE

COMMITTEE REPORT ON ITS STUDY TOUR TO NAIROBI INTERNATIONAL
TRADE FAIR SHOW STARTING FROM 27TH SEPTEMBER, 2023 TO 2ND OCTOBER,
2023

BY

HON. EUNICE ALANDOH

CHAIRPERSON

*Directorate of Committee Services
Clerks Chambers
The County Assembly
Kisumu*

OCTOBER, 2023

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LIST OF ABBREVIATIONS AND ACRONYMS

S.O	County Assembly of Kisumu Standing Orders
AFLIC	Agriculture, Fisheries, Livestock Development and Irrigation Committee
ASK	Agricultural Society of Kenya
TOR	Terms of Reference
RASC	Royal Agricultural Society of the Common Wealth
N.I.T.F	Nairobi International Trade Fair
EAA & HS	East African Agricultural and Horticultural Society
NCPB	National Cereals and Produce Board
KEPHIS	Kenya Plant Health Inspectorate Services
KEBS	Kenya Bureau of Standards
KALRO	Kenya Agriculture and Livestock Research Organization
GPS	Global Positioning System
ICT	Information and Communication Technology

CHAPTER ONE

1.0 CHAIRPERSONS FOREWORD

Mr. Speaker Sir and Hon. Members,

The Committee, while approving its annual operations work plan for the fiscal year 2023/2024, prioritized visiting Nairobi International Trade Fair Show within the first quarter of the financial year. The objective of this endeavor was to explore, learn, and experience new technologies and best agricultural practices that hold the potential to transform the agricultural landscape in Kisumu County.

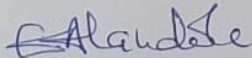
In accordance with Standing Orders No. 165 and 194 of the County Assembly, the Liaison Committee considered and approved the Committee's resolution to attend the Nairobi International Trade Fair, scheduled from September 27, 2023, to October 2, 2023 (refer to annex i). The Committee also sought and obtained the Speaker's authorization to proceed with this valuable activity.

The Nairobi International Trade Fair serves as a global platform for agricultural innovation and progress, attracting experts, innovators, and enthusiasts from around the world. This dynamic environment provided us with an exceptional opportunity to witness cutting-edge technologies and engage in knowledge-sharing with individuals who are deeply passionate about agricultural development.

I extend our heartfelt appreciation to the Office of the Speaker and the Office of the Clerk for their invaluable logistical support during the retreat. Special thanks are due to the Agricultural Society of Kenya (ASK) for graciously guiding us through various exhibition stands and generously sharing their knowledge and insights. My sincere appreciation also goes to Hon. Jenniffer Obonyo, the Deputy Majority Whip, for joining us during the retreat, Hon. Obonyo is dedicated farmer and a close friend of the Committee. I commend the members of the Committee for their active participation, meaningful contributions, and our secretariat for their meticulous coordination, planning and preparing this comprehensive report.

Mr. Speaker Sir and Honorable Members, within this report, we have outlined our findings and highlighted the innovative technologies and practices that we believe can be adapted to the specific context of Kisumu County.

Hon. Speaker, it is now my distinct privilege and honor to present to this Honorable House the Report of the Committee on its study tour to the Nairobi International Trade Fair Show for your consideration and approval.



HON. EUNICE ALANDOH
CHAIRPERSON, AGRICULTURE, FISHERIES, LIVESTOCK DEVELOPMENT AND
IRRIGATION COMMITTEE

2.0 LEGAL FRAMEWORK UNDERPINNING THE COMMITTEE ACTIVITIES

2.1 Mandate of the Committee

The Agriculture, Fisheries, Livestock Development and Irrigation Committee derives its mandate from Section 14 (b) of the County Government Act, 2012 as read together with Standing Order No. 193 (Second Schedule) of the Kisumu County Assembly.

Which mandates the Committee to inquire into, investigate and report on;

All matters relating to agriculture, including crop and animal husbandry, livestock sale yards, County abattoirs, plant and animal disease control, veterinary services (excluding regulation of the profession) and fisheries; animal control and welfare, including licensing of dogs and facilities for their accommodation, care and burial of animals.

Further, the functions of all sectoral Committee are outlined in County Assembly Standing Orders No. 193 (5) which states as follows;

That, the functions of Sectoral committees shall be;

- a) Investigate, inquire into, and report on all matters relating to the mandate, management, activities, administration, operation and estimates of the assigned departments;
- b) Study the Programme and policy objectives of departments and policy objectives of departments and the effectiveness of the implementation;
- c) Study and review all the County legislation referred to it;
- d) Study, access and analyze the relative success of the departments as measures by the results obtained as compared with their stated objectives;
- e) Investigate and inquire into all matters relating to the assigned departments as they may deem necessary, and as may be referred to them by the County Assembly;
- f) To vet and report all appointments where the Constitution or any law requires the County Assembly to approve, except those under Standing Order No. 187 (Committee on Appointments).
- g) Make reports and recommendations to the County Assembly as often as possible, including recommendation of proposed legislation.

2.2 COMMITTEE MEMBERSHIP

Mr. Speaker and Hon. Members,

The Agriculture, Fisheries and Livestock Development and Irrigation Committee as currently constituted, comprise of the following Hon. Members; -

MEMBERS

- | | | |
|-------------------------|---|-------------------------|
| 1. Hon. Eunice Alando | - | Chairperson |
| 2. Hon. Bill Oliver | - | Vice Chairperson |
| 3. Hon. Samuel Dede | - | Member |
| 4. Hon. Pamela Oyoo | - | Member |
| 5. Hon. Vincent Jagongo | - | Member |
| 6. Hon. Maurice Ngeta | - | Member |
| 7. Hon. Nereah Okombo | - | Member |

Secretariat

- | | | |
|-------------------|---|----------------------------|
| 1. Peter Anditi | - | Committee Clerk |
| 2. Omollo Isaac | - | Clerk Assistant |
| 3. Zablon Otiende | - | Hansard/Secretariat |
| 4. Kennedy Okise | - | Sergeant-at-Arms |
| 5. Wycliffe Owade | - | Researcher |

2.3 TERMS OF REFERENCE (TOR)

The Committee in discharging its mandate was guided by the following TORs.

- a) Learn and acquire skills on cutting age technologies in Agriculture.
- b) Emerging Opportunities in Agriculture which can be transferred and adopted in Kisumu County.
- c) Agribusiness, Trade and Markets for Agricultural Products.
- d) Best Legislation, Policies and Strategies for improving the standards of agriculture, horticulture and Fishing in Kisumu County.

2.4 COMMITTEE MEETINGS

The Committee held two to meetings to prepare and consolidate the findings and observations contained herein and to adopt the report for tabling before this Hon. House.

CHAPTER TWO

3.0 BRIEF ABOUT THE AGRICULTURAL SOCIETY OF KENYA

The Agricultural Society of Kenya is the largest and most active (Royal Agricultural Society of the Common Wealth) RASC member in East Africa. Founded in Nairobi in 1901 when Kenya was still a British colony they held their first show in 1902.

The society expanded in the 1920's: with Branches in Nakuru in the Central rift Valley in 1920 and Eldoret in 1925. Further expansion occurred after the Second World War, but the main expansion took place after Kenya obtained independence in 1962 with branches opening across the country.

Today the society hosts over 18 shows across the country attracting almost 2.5 million people. The largest shows in Kenya are the Nairobi International Trade Fair, Mombasa International Trade Fair and the Kisumu International Trade Fair respectively.

In addition to holding of shows and events the society also runs an extensive advisory service on behalf of the government to help farmers improve the standards of agriculture, horticulture, fishing and forestry.

3.1 BRIEF ABOUT THE NAIROBI INTERNATIONAL TRADE FAIR SHOW (N.I.T.F)

The Nairobi Branch of the Society is referred to as the Nairobi International Trade Fair. N.I.T.F was established as the East African Agricultural and Horticultural Society (EAA & HS) in 1901. The first show was held at the Jeevanjee gardens and market in 1902.

It is located in Jamhuri Park, 10 km from city centre, approximately 30kms from Jomo Kenyatta International Airport, Nairobi and 15km from Wilson Airport as well as 30km from Standard Gauge Railway, Syokimau Terminus. It has since grown to be the largest Trade Fair in the East African Region. For this Year's calendar, the show was scheduled seven-day event running from 27th September, 2023 to 2nd October, 2023 (see annex ii- ask calendar).

N.I.T.F became a Trade Fair in 2002 and now offers opportunities for regional, continental and global exhibitors to display and demonstrate their services and products. It also offers show visitors an opportunity to meet people from different countries and backgrounds, hence creating a platform for interaction and exchanging of ideas and experiences.

The theme for this Year's N.I.T.F show is “*Promoting Climate Smart Agriculture and Trade Initiatives for sustainable economic growth.*”

The general attendance and participation for this year's exhibitions was better than the previous year majorly being linked to the speedy recovery from the effects of COVID 19 Pandemic.

3.2 COMMITTEE OBSERVATIONS AND FINDINGS

Mr. Speaker Sir and Hon. Members, the committee visited various relevant exhibition stands being guided by the Society Members (see annex iii- photo gallery). At every point, there were ready experts and exhibitors who generously shared their knowledge and insights on the wide range of agricultural technologies and best farming practices.

Mr. Speaker Sir and Hon. Member, A.S.K uses exhibitions as efficient pathways for sharing and disseminating information. Highlighted hereunder are some of the exhibitor stands which we visited;

1. The Agriculture and Food Authority Stand.
2. Agri-Irrigation and Borehole Limited.
3. East African Seed Company Limited.
4. The Simlaw seed Company Stand.
5. The Agri-Seed Company Stand.
6. National Cereals and Produce Board.
7. Farmer Choice Limited.
8. BIDCO East Africa.
9. Kienyeji Kenya Limited.
10. Muguku Poultry Farm.
11. Mzinga Bee Care Enterprise.
12. Livestock Production Stand.
13. The Kenya Plant Health Inspectorate Services (KEPHIS).
14. Nairobi County Department of Agriculture Stand.
15. KEBS.
16. Kenya Industrial Company Property Institute.
17. KALRO.
18. Agriscope Africa Limited

Hon. Speaker sir, after massively exploring the above platforms and exhibition stands, we learnt, experienced and borrowed the following new technologies and best agricultural practices that we believe if adopted will have the potential to transform the agricultural landscape in Kisumu County.

1. Drought-Resistant Crop Varieties:

Simlaw Seed Company, Agri-Seed Company, East African Seed Company Limited and Kenya Seed Company Limited, showcased a range of drought-tolerant and climate-resilient crop varieties that can thrive in areas with erratic rainfall patterns. This includes drought-resistant maize, sorghum, and millet, which are particularly important for regions prone to drought.

2. Irrigation Systems:

National irrigation Authority and Agri-Irrigation and Borehole Limited displayed Innovative and water-efficient irrigation systems, such as drip and sprinkler irrigation, to maximize water use efficiency and combat water scarcity.

3. Precision Farming:

Afordane Industries Limited displayed Technologies like GPS-guided tractors and drones for precision farming. These technologies optimize resource use and reduce waste by enabling precise planting, fertilizing, and harvesting.

4. Conservation Agriculture:

KALRO demonstrated and promoted no-till farming practices, cover cropping, and crop rotation as remedies to reduce soil erosion, improve soil health, and increase overall agricultural sustainability.

5. Agroforestry:

This refers to integrating trees into agricultural landscapes to provide shade, reduce soil erosion, and improve biodiversity. It also includes planting fruit and nut trees as alternative income sources for farmers. This was mainly championed by the Kenya Forest Research Institute.

6. Livestock Management:

The Committee learnt various modern livestock management techniques showcased at the Livestock & Poultry production stand and Muguka poultry farm, which includes improved breeds, better nutrition, and disease control measures. We were informed that sustainable livestock practices reduce harmful methane emissions and improve animal welfare.

7. Biological Pest Control:

Kenya Plant Health Inspectorate Services (KEPHIS) and Organo Gold Company apprised the Committee on integrated pest management techniques that reduce the reliance on chemical pesticides by promoting the use of beneficial insects and organic pest control methods.

8. Solar-Powered Technologies:

We witnessed operational Solar-powered irrigation pumps, cold storage facilities, and other farm machinery, which reduce energy costs and reliance on fossil fuels being exhibited by SolarNao Ltd.

9. Climate Information Services:

KALRO displayed an e-extension platform for dissemination of weather and climate information to farmers to help them make informed decisions about planting, harvesting, and resource management.

10. Value Addition and Post-Harvest Technologies:

They refer to technologies for food processing, packaging, and storage that reduce post-harvest losses and add value to agricultural products, making them more marketable. This immensely showcased by various institutions such as BIDCO East Africa, Mzinga Bee Care Enterprise and Chinese Huangapai.

11. Digital Agriculture:

It is the use of digital technologies and mobile apps for soil testing, crop monitoring, and access to market information. The Committee learnt how this technologies help farmers make data-driven decisions. The cutting age technologies were promoted by KALRO and Agriscope Company limited.

12. Capacity Building and Farmer Training:

It was acknowledged that, regular training programs and initiatives for farmers should be embraced to improve their skills and knowledge in climate-smart agricultural practices.

13. Market Linkages:

Kenya Industrial Company Property Institute, KALRO and NCPB has created Platforms and initiatives that connect farmers to markets and buyers, ensuring that their produce reaches consumers efficiently.

14. Organic Farming:

It refers to Promoting organic farming methods that reduce the use of synthetic chemicals, improve soil health, and produce healthier and environmentally friendly crops. This program was majorly advanced by Organo Gold Company.

CHAPTER THREE

4.0 RECOMMENDATIONS

Mr. Speaker Sir and Hon. Members, the Committee in consideration of the above observations and findings' recommends as follows;

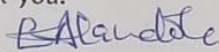
1. The Department of Agriculture, Fisheries, Livestock Development and Irrigation and the County directorate of ICT to establish and activate an E-Extension platform to provide farmers in the county with easy access to agricultural information, resources, and expert advice through digital means. The platform should offer real-time information on weather, crop management, pest control, and market updates.
2. That, the Department of Agriculture, Fisheries, Livestock Development and Irrigation to encourage farmers to embrace value addition of their raw produce for good prices and improved quality.
3. The Department of Agriculture, Fisheries, Livestock Development and Irrigation to collaborate with NIA and other relevant partners/stakeholders to design and establish new irrigation infrastructure in potential arable areas such as Namthoe and expand and upgrade existing irrigation infrastructures in the County for increased agricultural productivity.
4. That, the Department of Agriculture, Fisheries, Livestock Development and Irrigation to Partner with seed producing companies i.e. seemlaw Seed Company and Kenya Seed Company to train and advice farmers on best farming practices and choice of seeds suitable and adaptable to Kisumu County Ecological Conditions.
5. That, the Department of Agriculture, Fisheries, Livestock Development and Irrigation in collaboration with the Department of Trade, Tourism, Industry and Marketing to encourage farmers to form farmers' Cooperative Societies and strengthen the existing Cooperatives to create and achieve a structured market for the farmers.
6. The County Assembly to expedite processing of the ATC and AMS bill which will offer knowledge transfer and help disseminate best agricultural technologies to farmers for increased agricultural output.
7. That, the Line Department to develop a comprehensive capacity-building program for farmers in the county on climate-smart and sustainable farming practices, financial literacy, and entrepreneurship within one month of approval of this report.
8. The Department of Agriculture, Fisheries, Livestock Development and Irrigation to budget for procurement of digital tools in subsequent budgets which include digital mobile phones for crop monitoring, soil testing, and market access and integrated use of GPS-guided farming practices to optimize resource use.

5.0 CONCLUSION

I would like to implore this House to deliberate and consider adopting this report and ensure that the recommendations contained herein are communicated to the relevant Departments for implementation.

Mr. Speaker Sir and Hon. Members, I therefore move the motion and call upon Hon. to second.

Thank you.



Hon. EUNICE ALANDOH

CHAIRPERSON, AGRICULTURE, FISHERIES, LIVESTOCK DEVELOPMENT AND
IRRIGATION COMMITTEE

6.0 ANNEXES

- i. Approved Liaison Committee Retreat Schedules for County Assembly Committees.
- ii. Ask Calendar
- iii. Photo gallery at various demonstration and exhibition stands.

ANNEX (I)



COUNTY GOVERNMENT OF KISUMU

COUNTY ASSEMBLY OF KISUMU

P.O BOX 86-40100, KISUMU

DRAFT SCHEDULE FOR COMMITTEES' RETREATS

SRL NO.	MONTH & DATE	COMMITTEE
1.	7 th September – 16 th September, 2023	Bonding
2.	17 th Sept- 22 nd Sept 2023	1. Speaker's Panel 2. Delegated County Legislation
3.	22 nd Sept- 27 th Sept 2023	Budget and Appropriations
4.	27 th Sept - 2 nd Oct 2023	1. PIC/PAC 2. Agriculture, Fisheries, Livestock Development and Irrigation
5.	2 nd Oct- 7 th Oct 2023	1. Education, Technical Training, Innovation and Social Services. 2. Welfare and Equal Opportunities
6.	7 th Oct -12 th Oct 2023	Selection
7.	12 th Oct- 17 th Oct 2023	1. Medical Services, Public Health and Sanitation 2. Lands, Housing, Physical Planning and Urban Development
8.	17 th Oct- 22 nd Oct 2023	1. Infrastructure, Energy and Public Works 2. Sports, Culture, Gender and Youth Affairs
9.	22 nd Oct- 27 th Oct 2023	1. JLAC 2. Procedure and Rules
10.	27 th Oct- 1 st Nov 2023	Labour and Social Welfare Services
11.	1 st Nov – 6 th Nov 2023	1. Trade, Tourism, Industry and Marketing 2. Powers and Privileges
12.	6 th Nov- 11 th Nov 2023	Liaison
13.	11 th Nov- 16 th Nov 2023	1. Appointment 2. Implementation
14.	16 th Nov- 21 st Nov 2023	Water, Environment, Natural Resources and Climate Change

15.	23 rd Nov- 28 th Nov 2023	House Business
16.	28 th – 3 rd Dec	1. Finance and ICT 2. Ward Development

Signed;



**HON NEREAH OKOMBO,
CHAIRPERSON, LIASON COMMITTEE.**

ANNEX (II)



AGRICULTURAL
SOCIETY OF
KENYA

Your leading exhibition partner.

CALENDAR OF EVENTS FOR THE YEAR 2023

Theme: Promoting Climate Smart Agriculture and Trade Initiatives for Sustainable Economic Growth.

'Ukuzaji wa ukulima unaozingatia hali ya hewa thabiti na mipango mahususi ya biashara ili kudumisha uchumi endelevu'

<u>EVENT</u>	<u>DATE</u>	<u>VENUE</u>
1. Eldoret National Show	March 1 st – 4 th	Eldoret
2. A.S.K. Annual General Meeting	March 31 st	J/Park
3. Y.F.C.K. National Camp	April 24 th – 28 th	Meru
4. Y.F.C.K Tree Planting Day	May 20 th	Embu
5. Mt. Kenya Branch Show	May 24 th – 27 th	Nanyuki
6. Meru National Show	31 st May – 3 rd June	Meru
7. S.E. Kenya National Show	June 7 th – 10 th	Machakos
8. Western Kenya Branch show	June 14 th – 17 th	Kakamega
9. Y.F.C.K National Rally	June 24 th	J/Park
10. Royal Highland Show	June 22 nd – 25 th	Edinburgh
11. Southern Kenya Branch Show	July 6 th – 9 th	Kisii
12. Nakuru National Agricultural Show	July 12 th – 16 th	Nakuru
13. Eastern Kenya Branch Show	July 20 th – 22 nd	Embu
14. Kisumu Regional Show	July 26 th – 30 th	Kisumu
15. Livestock Breeders Show	Aug 3 rd – 5 th	J/Park
16. National Teachers Conference	Aug 16 th – 18 th	JKUAT
17. Mombasa International Show	Sept 6 th – 10 th	Mombasa
18. Central Kenya National Show	Sept 13 th – 16 th	Nyeri
19. Baringo Branch Show	Sept 21 st – 23 rd	Kabarnet
20. Nairobi International Trade Fair	Sept 27 th – 2 nd Oct	J/Park
21. S.W. Kenya Branch Show.	Oct 5 th – 7 th	Migori
22. 68th WPC	Oct 7 th – 16 th	Kuldiga, Latvia
23. Kitale National Show	Oct 18 th – 21 st	Kitale
24. National Ploughing Contest	Nov 24 th – 26 th	Kitale

Batram M. Muthoka, EBS
CHIEF EXECUTIVE OFFICER

ANNEX (III)

1. Committee received and welcomed at the Life Governors & Council Members Pavilion



2. NIA expert disseminating information to Members on best irrigation Practices



3. Simple Vertical Poultry Structure recommended for Peri-urban farming



4. Display of adaptable Quality Dairy Breeds in a simple Dairy Unit

Committee Report on its Study Tour to Nairobi International Trade Fair Show held Jamhuri Park



5. Assorted sample of drought tolerant/resistant seeds



6. Demonstrated super high yield variety of *Brassica oleracea* (Cabbage)



7. A display of GPS guided tractors



8. A simple raised fish pond made from Timber

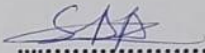
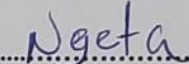


9. A solar food processing equipment promoted by women group based in the City of Nairobi



7.0 ADOPTION SCHEDULE

We the Honorable members of Agriculture, Fisheries, Livestock Development and Irrigation committee do hereby append our signatures to this report to affirm its accuracy, validity and authenticity;-

1. Hon. Eunice Alandoh	-	Chairperson	
2. Hon. Bill Oliver	-	Vice Chairperson	
3. Hon. Samuel Dedeh	-	Member	
4. Hon. Nereah Okombo	-	Member	
5. Hon. Maurice Ngeta	-	Member	
6. Hon. Vincent Jagongo	-	Member	
7. Hon. Pamela Oyoo	-	Member	