PROGRESS REPORT ON THE STATUS OF AGRICULTURAL SECTOR IN SIAYA COUNTY

By:
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1.0 Departmental Outlook

**Vision:** An innovative, commercially-oriented and modern Agriculture and Rural Development Sector

**Mission:** To improve livelihoods of Siaya County residents through promotion of competitive agriculture, sustainable livestock and fisheries sub-sectors

- The Department comprises of Directorates of Crop Management, Livestock, Veterinary Services and Fisheries.
- Implementation of projects is based on the above thematic areas that are aimed at improving food security, incomes and employment opportunities in Siaya County.
2.0 ACHIEVEMENTS UNDER THEMATIC AREAS

2.1 Crop Production

• *Farm mechanization* – A total of 4,800 acres representing about 5% out of the projected 125,000 acres achieved under the project,
• About 4,000 farmers benefitting,
• 14 Tractors and assorted implements were procured and 31 private tractors were hired, 6 AMS tractors were rehabilitated,
Purchase of certified Seeds and Fertilizer

• 90.8 MT of assorted seeds distributed,
• About 7,000 bags of subsidized fertilizer were distributed to the farmers,
• Farmers were able to save up to about 30 percent of the input cost per acre on maize seed,
• The project will be expanded to include other planting materials and farm inputs such as sorghum, beans and horticultural crops seed among others.
• 9 micro-Irrigation projects underway across the County, 100 acres of land will be covered,
• Irrigation demo site established at Siaya ATC with support from GIZ Kenya,
• A total of 4 community cereal banks were established,
• About 1,946 bags of cereals was mopped from farmers for centralized storage to be used as strategic reserve and stabilize prices in the local market during shortage periods,
2.2 Thematic areas under Directorate of Fisheries

- **Fish Sanitary facilities project:** 12 Fish Landing Bandas, 1 Omena Store and 13 Toilets at different completion levels,

- **Promotion of Aquaculture & fish capture:** 30,000 fish fingerlings restocked into Lake Kanyaboli at a cost of Kshs. 1.5 Million.

  Distributed 1.7 metric tons of fish feeds at a cost of Kshs. 1.5 Million to 20 farmers per ward in the County.

- **Fisheries Monitoring Control and Surveillance:** Removed 1,876 assorted destructive fishing gears from Lakes Victoria and Kanyaboli,

- 2 canoes and outboard engines for use by 2 BMUs (Gudwa and Uhanya) for patrol and related activities,
2.3 Thematic areas under Directorate Livestock Development

The poultry production project

Distribution of chicken feed to support farmers’ innovation platform sponsored by KAPP
Distribution of day old chick in Bondo, May, 2015.
2.4 Thematic areas under Directorate of Veterinary Services

Disease Control:
- Procured 48,000 doses for assorted chicken vaccines

Launch of Poultry Vaccination Exercise in Alego Usonga by H.E the Governor in April, 2015
Disease Control

Inspection of grade cow in a crush

Grade cows being sprayed in a Community Crush pens
Meat Hygiene/Meat Inspection Services

• All meat consumed in Siaya County is inspected and certified fit for human consumption by the Veterinary Services department.

• Currently 24 Slaughter facilities are operational with 2 facilities (Nyang’oma and Akala) opened in 2013 and 2014 respectively. There are three new facilities under construction i.e Ndere, Bondo and Yala,

• 22,000 Cattle, 1200 Shoats and 1090 pig carcasses were inspected during the 2013/2014 Financial Year
Artificial insemination/Animal Breeding

• This is currently provided by private Artificial insemination Service Providers,

• A community Artificial Insemination Scheme was started in Ugunja in 2013/2014 Financial Year. This will be revamped in the current financial year to enable it to cover a wider area.

• In the 2015/2016 Financial Year dormant A.I programmes in AlegoUsonga, Rarieda and Bondo will be revived.

• Superier Bulls will also be introduced to supplement Artificial Insemination.
Vector Control

• There are 234 Livestock Crush pens in Siaya County for spraying cattle to control ticks, Tse-tse fly and other ectoparasites. Out of these, 211 are active where 48,744 heads of cattle, 3,462(Shoats) were sprayed.
• Screening of cattle and humans for trypanosomiasis infection was carried out in January and February 2015.
• A total of 1010 people and 5,837 cattle were sampled in Sakwa.
• Mass treatment of cattle was carried out.
• 500 litres of acaricide has been supplied for spraying of cattle.
• In 2013/2014 Financial year, Segere Dip was rehabilitated and is currently functional.
• 2 other dips (Kadenge and BarKanyango) are due for rehabilitation through the assistance of Dominion Farms.
Other Key Achievements (Cont...)  

• Establishment of Agriculture Development Fund  
• Establishment of modern cotton Ginnery in Rarieda and two fruit processing plants at Alego Usonga and Bondo Sub counties. The projects are implemented by the ministry of special programmes,  
• Developed a Draft Fisheries and Aquaculture Bill and Agriculture Development Policy,  
• In strengthening extension service, 50 Extension Officers and 6 private extension providers were Trained as ToTs for Horticulture, Aquaculture, supported by GIZ Kenya under ATVET/CBET Initiative,
3.0 Challenges in the Sector

- Inadequate Use of Inputs,
- Application of Poor Agricultural Technologies,
- Low Purchasing Power,
- Poor Infrastructure,
- Very low staff level hence poor extension outreach,
- Low sub sector investment levels in various enterprises,
- Environmental Degradation and drought and,
- Expensive animal feed resources
- Constant threat of animal diseases
- Over dependence on rain fed agriculture
- Poor enterprises diversification (unexploited potential).
- Limited access to finances.
- Lack of agro based micro and small industry for value addition.
- Low level of marketing and farming skills.
4.0 STRATEGIES FOR REVITALIZING THE AGRICULTURE SECTOR IN SIAYA COUNTY

✓ Increase area under irrigation by mapping irrigable areas, developing new irrigation schemes, up scaling micro irrigation projects, promote rain water harvesting and introduce new irrigation technologies.

✓ Increase fertilizer and certified seed use by enhancing farm input subsidy and credit schemes.

✓ Improve grain storage practices and marketing through promotion of appropriate on farm storage of produce and community cereal banking. Promotion of fish farming as alternative income generating activity

✓ Provision of post-harvest facilities.

✓ Provision of vaccination, diagnostic and treatment services
H.E The Governor touring the ministerial stand during ASK Kisumu regional Show 2014

Showcasing horticultural products in Siaya County as an investment opportunity
Improve adoption of agricultural technologies among the farmers by triggering demand for the technologies through extension and training.

Farmers’ trainings supported by KAPP
Double the number of existing livestock in the county
Strengthens the existing cooperatives and other marketing infrastructures for marketing of agricultural produce and link farmers, fisherfolks with credit facilities.

Launch of 7 cooperatives on Aquaculture, Groundnuts, fruits (mangoes & paw paw), poultry, bee keeping, sorghum and local vegetables in November 2014
5.0 SPECIFIC IMPACT IN ALEGO USONGA SUB COUNTY

- About 2,000 acres of land ploughed under subsidized tractor hire service,
- About 121 bags of cereals were mopped against county totals of 1,946 bags of cereals which were used as relief food,
- Distributed 150 DAP and 135 CAN of bags of subsidized fertilizer.
- 2 sites (Hono and Usonga) earmarked for irrigation comprising of about 10 acres,
- 15.94MT of assorted seeds distributed to farmers at a subsidized cost,
- 7 farmers cooperatives [Aquaculture, Groundnuts, fruits (mangoes & paw paw), poultry, bee keeping, sorghum and local vegetables] supported by KAPP operating in Alego Usonga,
- 1,000 birds were distributed by KAPP as part of establishing innovation platform,
- Distributed 65 kg of chicken feed to support farmers’ innovation platform sponsored by KAPP
Up scaling improved livestock breeds through supporting farmers in Uranga
• Establishment of fruit processing plant at Alego Usonga under the Ministry of special programmes,
• 100 litres of acaricide has been supplied for spraying of cattle.
• Kadenge cattle dip undergoing rehabilitation through the assistance of Dominion Farms.
• Removed about 500 assorted destructive fishing gears from Lake Kanyaboli,
• Constructed a banda and a toilet for each of the 3 BMUs,
• Distributed 2,500 pellets and 935 kg mash to 100 farmers
• 30,000 fish fingerlings restocked into Lake Kanyaboli at a cost of Kshs. 1.5 Million.
Activities undertaken in Alego Usonga supported by GIZ Kenya

- 16 extension service providers trained as ToTs under ATVET/CBET Initiative,
- Establishment of model farmers in each ward: soil testing already done,
- 20 farmers trained on composting and farming systems,
- Supported local poultry vaccination in Township ward,
- 3 Extension staff and 4 fish farmers trained at RIAT and dominion farms respectively
• **Send a Cow**: 235 animals and 23 dairy goats distributed.
  - Capacity development undertaken include social development, sustainable organic agriculture and improved animal management,

• **Technoserve** – Promoting poultry production:
  - 127 farmers registered with about 1078 trained as individual farmers or farmer groups,

• **Red Cross**: Promotion of cassava production;
  - Have stores in Uranga and Boro for keeping of cassava processing equipments,