

ADVISORIES ON MARCH-APRIL-MAY (MAM) 2026 SEASONAL WEATHER FORECAST (SIAYA COUNTY)

1.0 AGRICULTURE

- Community to be advised on early preparation of farm lands (THS) -*early February 2026*
- *Farmers to begin planting whenever/wherever soil moisture is sufficient*
- Community to be advised on the appropriate seed varieties for the specific Season-depending on the Agro-ecological/climatological Zones;

Agro-Ecological Zone	Varieties	Maturity (Days)	Yield (90kg bags/acre)
LM2 to LM5	DH04, Duma 41/43, WH105, DK 8033, Haraka 101, WH402/403, Tsavo, Sungura 503, H513	90–120	15–25
Upper Midlands (Yala)	H513, H520, H516, Punda Milia 53, DK777.	130–150	26–35

- Community to be advised on integrated soil fertility management eg soil conservation measures, using compost manure, contour ploughing, planting cover crops (sweet potato, desmodium)
- The community to be advised on soil testing which should be done before planting and carried out;
 - **Routine Testing (General):** Every 3–5 years for pH and major nutrients.
 - **Intensive Cropping/Vegetable Production:** Annually to manage high nutrient inputs.
 - **Organic Matter/Soil Structure:** Every 5–10 years, as these change slowly.
 - **New Land/Low Fertility Soils:** Annually for the first 1-2 years to establish a baseline.
 - **Sandy Soils:** More frequent testing (every 1-2 years) is recommended due to potential nutrient leaching.

These can be done at *Kalro, Soil Care, KEFRI and Avepo (PHs)*

- Community to be sensitized on the government policies available and compliance eg 10% tree cover, river bank protection, riparian users act, etc
- Community to be advised on post-harvest management eg proper drying of produce and storage, use of safe storage) etc
- Establishment of tree nurseries both indigenous and exotic species
- Plant where there is enough moisture built up
- Government to do the linkage for farmers with the relevant stakeholders (stockiest, research agencies, seeds companies, agricultural expos)
- Rain water harvesting ie buying home water tanks and protecting existing water points
- Harvesting of surface water run-offs



- Stoking of the cereal banks

Stocking of cereal banks

2.0. VETERINARY DEPARTMENT

- The government to facilitate Stocking of veterinary vaccines and drugs
- Spraying of animals against ticks and tsetse fly etc
- Vaccination of livestock against notifiable and zoonotic diseases
- Sensitize farmers to availing animals during periodic scheduled spraying and vaccination days.
- Use of slated raised floor for young flock, and placing clean litters in poultry units.

3.0. LIVESTOCK PRODUCTION

- Establishment of fast growing fodders e.g Boma Rhodes, Juncao
- Harvesting and Conservation of surplus forage and crop residues e.g maize stalks etc
- Conversation of grass into hay
- Construction/Renovation of animal sheds e.g Zero grazing units against extreme temperatures/hailstone hazard.
- Establishment of cow sheds to protect against

4.0. FISHIERIES DEPARTMENT

- Fisherman to avoid the lake during bad weather e.g windy, rainy seasons
- Fish farmers to stock fingerlings in ponds and fish cages at the onset of rains.
- Both fish farmers and fishermen should continuously use the 12 hours Lake Victoria weather forecast to avoid loses
- Where the flags and boards have been installed the fishermen should effectively use them
- Use lifesaving jacket to avoid loss of life in the waters.

- Rehabilitations/strengthening of dykes for ponds



Re-stocking of ponds and dig ditches round fish pond to avoid inflow of runoff

- Plant soil cover around pond-dykes

5.0 INSURANCE COMPANIES

- To urge farmers to insure their livestock and crops against risks
- Fishermen and farmers to take life insurance cover

6.0 HEALTH DEPARTMENT

Public Health Advisory:

- Boil or treat all drinking water
- Avoid open/flooded water sources



Clean your hands with soap and water to avoid spread of diseases

- Wash hands with soap
- Use latrines properly
- Report diarrhea cases immediately



- Sleep under ITNs
- Drain stagnant water
- Clear bushes and tall grass
- Seek early treatment for fever
- Store food and medicines safely
- Avoiding walking on stagnant and running water bare foot to prevent diseases such bilharzia etc
- Separate animal and household water sources.
- Do not slaughter sick animals.
- Dispose of carcasses safely (burying deeply)

Warmer than normal temperatures may cause: Dehydration, Heat exhaustion & Heat stroke

Public Advisory:

- i. Drink plenty of safe water
- ii. Avoid prolonged sun exposure
- iii. Wear light clothing
- iv. Monitor children & elderly closely

Health Facility Preparedness

- Ensure adequate ORS & IV fluids
- Stock antimalarial drugs & RDTs
- Prepare emergency flood response
- Ensure ambulance and referral systems are functional
- Strengthen disease surveillance
- Pre-position cholera kits & malaria drugs
- Activate rapid response teams
- Conduct community sensitization campaigns

7.0 FOREST SERVICES



(a.) The **community** to be advised on:

- Establishment of tree nurseries both indigenous and exotic species
- Plant where there is enough moisture built up
- Appropriate types of trees to be planted on different areas eg bamboo, melicia exelcia (OLUWA), albizia coriara (OBER), ficus ssur (NG'OWO) for wetlands and along river banks, Whistling pine
- Community is advised to wood and fruit trees within their various homestead.

(b.) **Government** to:

- Train the community on tree nursery establishment and management
- Enforce relevant forestry bylaws to eg 10% tree cover regulations
- Provide resources for tree nursery establishment.

8.0 WATER SERVICES

(a.) Community to be advised on:



Roof-top water harvesting

- Rain water harvesting ie buying home water tanks and protecting existing water points
 - Harvesting of surface water run-offs
 - People living in areas like Buhowa, Kamahinga, Nyalhoma and Uhuyi etc. to move to higher grounds.
- (b.) Government to:
- Construct communal water pans and desilting of existing water pans
 - Provide water purifiers

9.0 DEPARTMENT OF INFRASTRUCTURE/ROADS

- (a.) Community advised on:
- Receptive on government policies and initiated infrastructural works
 - Participate in the construction of infrastructural works eg roads repair, dams, bridges
 - Avoiding mining site during the raining season in areas such Barding' (South East), Ramula (East Gem)
- (b.) Government to:
- Murram roads, repair of bridges and foot paths
 - Putting of road signs e.g bumps, bridge, sharp Conner etc a head
 - Sensitize the community on necessary infrastructural project in the area.
 - Move affected people to raised grounds
 - Farmers to dig trenches in their farms to avoid erosion
 - Harvesting water
 - Planting vertiva grass

10. Meteorological Department



- ❖ Floods likely in the flood prone areas thus need for precousion
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- ❖ Thunderstorms and Lightning likely thus no taking shelter under the tree or veranda
 - ❖ Enhance rainfall is likely to be associated with water borne diseases thus sensitization and stocking of the right drugs

- ❖ Need for early dredging of the trenches, culverts to allow for free flow of rain waters and prevent overflowing waters
- ❖ Water pants and dams to be desilted on time to enable optimal surface runoff harvesting
- ❖ County Disaster preparedness team to be on the alert for the likely flash floods due to enhanced rainfall

Note

*The Advisories were generated from a **PSP/CCOF** workshop of **Friday 13th February 2026** organized and sponsored by **ABDP** in collaboration with **KMD-Siaya County Office** and **Siaya Long Rain Campaign Program***