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COUNTY METEOROLOGICAL SERVICES OFFICE, EMBU
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EMBU

Kenya Cereal Enhancement Programme Climate Resilient Agricultural Livelihoods Window (KCEP-CRAL) in Collaboration with County Government of Embu and County Meteorological Services, Embu

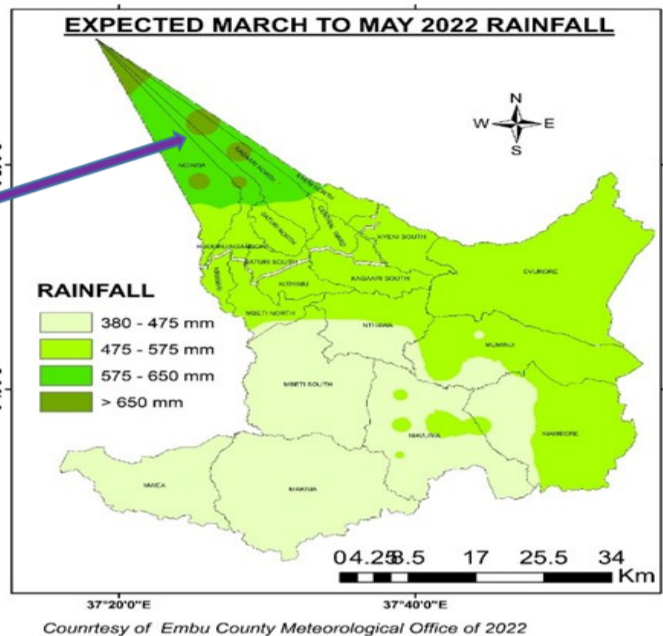
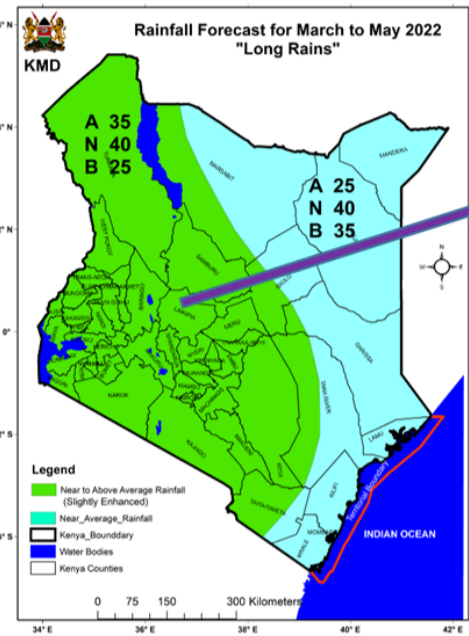
PARTICIPATORY SCENARIO PLANNING ADVISORY BULLETIN BASED ON WEATHER FORECAST FOR MARCH-APRIL-MAY (MAM) 2022 FORECAST - ("LONG" RAINS)

Fodder conservation (Silage making)

Polythene lined water harvesting / fishpond

National MAM 2022 Weather Forecast

County MAM 2022 Weather Forecast



EMBU COUNTY MAM 2022 WEATHER FORECAST HIGHLIGHTS
 The March -April-May (MAM) 2022 weather forecast for Embu County indicates that most parts of the County will experience normal with a tendency to above normal (enhanced) rainfall. The rainfall distribution will be good in the upper areas of Embu (Manyatta & Runyenjes) and fairly distributed in the lower parts (Mbeere North and Mbeere South Sub-counties) in both time and space.



AGRICULTURAL ADVISORIES

MBEERE NORTH & MBEERE SOUTH : Mwea, Makima, Mbeti South, Mavuria, Muminji, Kiambere & Evurore

Sorghum	Farmers are advised to plant early maturing and drought tolerant varieties e.g crops like; maize (DH02, KDV4, KDV6, Sungura, Haraka), Sorghum- gadam, millet (PM 1, 2,&3), beans (gachango, Kat B1, mwitemania, mwezi moja, Kat X56 & Kat B9), cow peas(M66 & KVU 27-1),
Green Grams	Farmers should also grow green grams (N26, KS 20), pigeon peas, Cow peas, Roots/Tubers (cassava-ndolo, Mucericeri, Sweet potato- KSP 004), vegetables (cow peas, amaranthus, black night shade-managu). Fodder crop/trees: - boma Rhodes (lowlands variety), Cencrus cerialis, Eragrostis superba, Sudan grass, fodder sorghum, and manage existing fodder trees like mulberry and leuceana. Fruits tress like mango, pawpaw and oranges should also be managed.

RUNYENJES SUB-COUNTY: Kyeni North, Kianjokoma, Kagaari North

Maize	Farmers are advised to plant early maturing crop varieties e.g:-Maize (Hybrid-5 series, Pannar, Pioneer).
Beans	Beans (mwende, mwitemania, gachango, <i>KATB1 KAT B9, KAT X69, KAT X56</i>).

RUNYENJES SUB-COUNTY: Kathanjuri, Kigumo, Mbiruri, Ugweri, Ndumari

Maize	Farmers are advised to plant the following varieties: -maize (H513, Duma 41, Duma 43, DK 8031, DH04, DV4 and KDV6, Pioneer, Simba 61, WS403)
Beans	Beans (mwende, mwitemania, gachango, <i>KATB1 KAT B9, KAT X69, KAT X56</i>).

Agronomic activities	Farmers are advised to do proper management of tea and coffee crops. Fodder crops/trees: - Napier (Bana grass & Kakamega varieties) under Tumbukiza method, Bracharia, Rhodes grass, Calliandra, Desmodium, Mulberry. Farmers should also manage banana, Mangoes, Yellow passion crops, plant vegetables (cow peas, amaranthus, black night shade), Cassava varieties (Ndolo, Mucericeri), Sweet potato varieties KSP 004, KEMB 10 and Bungoma. Weather related diseases (Foot and mouth, pneumonia, worms, tick borne diseases, mastitis, lumpy skin disease, anthrax, new castle disease, fowl typhoid and coccidiosis) are expected to increase. Farmers are therefore advised to observe routine livestock management practices (deworming, tick control, hoof trimming, clean animal environment, vaccination). Agrovet shops are advised to stock vaccines and drugs for vaccination and treatment in case of an outbreak.
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Post-Harvest Management	Ensure early harvesting to avoid losses such as shattering, Do proper drying and storage, monitor aflation incidences, Use tarpaulin for threshing and drying to the right moisture content (11-12%), Use hematic bags e.g. PIC and A-Z, Clean and dust the stores before storage.
Marketing	Ensure proper storage to sell later, Encourage aggregation of cereals in KCEP certified warehouses to fetch better prices.

Flash Floods	Avoid planting in river banks and swampy areas to avoid crops being swept away or submerged, Plant along the contours, Inaccessible rural roads and bridges
Land/Mad slides	Planting indigenous and fruit trees in hilly areas to control possible landslides



SORGHUM

