



**RAINFALL FORECAST FOR MAR-APR-MAY (MAM) SEASON 2022 AND
ADVISORY TO FARMERS IN MACHAKOS COUNTY**

AREA(WARDS)	ON-SET	CESSATION	AMOUNT
Athiriver, Kinanie,Mlolongo,Syokimau	3 rd to 4 th week of March,2022	2 nd to 3 rd week of May,2022	233-290 MM
Kinanie,Muthwani, Partly Matungulu west ,partly of Mua, West,Muthesya,Ekalakala, partly Ndithini and Partly Masinga Central	3 rd to 4 th week of March,2022	2 nd to 3 rd week of May,2022	290-350 MM
Kivaa, Partly Masinga Central, Ndalani, Matuu, Kathiiiani Central,Mitaboni,upperkaewa/iveti and lower kaewa/kaani, Ikombe, Kibauni, Katangi, Muthetheni, Wamunyu, Masii, Mwala, Mbiuni, Matungulu, Kyeleni, Matungulu North/East/West, Tala, Kangundo North/Cental/East/West, Machakos Central, kola, Muvuuti/kiima kimwe, Mutituni/Ngelani, Mumbuni North, partly Mua and Kalama	3 rd to 4 th week of March,2022	2 nd to 3 rd week of May,2022	401 – 500mm

RAINFALL DISTRIBUTION

The March, April and May 2022 rainfall is expected to be near normal but poorly distributed both in time and space during the onset month of March. The peak month will be April. During the cessation month of May 2022 temporal distribution will be poor.

RECOMMENDATIONS ON CROPS AND VARIETIES TO PLANT

AREA	TYPE OF CROP	VARIETIES
Rainfall amount: 233-290 Wards: Athiriver, Kinanie,Mlolongo,Syokimau	Maize	Sungur F1, Pannar 3M-01,Haraka, DH 02, Mituki
	Beans	GLP 92 (Mwitmania), Mwezi moja, Kat B1,Katx56,kikoso
	Green grams	KS20, N26, Karembo
	Sorghum	Gadam, Kari Mtama1, Seredo, Serena, Sila
	Cowpeas	M66, K80, KVU-27, Ken Kunde 1, Ndamba, Kalitho, Kimbuva
	Other crops	Finger Millet, Pearl Millet, Sunflower,Dolichos Lablab
	vegetables	Kales, Amaranthus(terere), (black night shade)managu, spinach, Spider plant (Saget)
	Fruits	Passion Fruit, Pawpaw, Water Melon
Grass	Cow candy, Love grass (Mbeetwa) Sudan grass, Cenchrus liliaris (Ndata kivumbu)	
Rainfall amount: 290 – 350 MM Wards: Kinanie,Muthwani, Partly Matungulu west ,partly of Mua, West,Muthesya,Ekalakala, partly Ndithini and Partly Masinga Central	Maize	Sungura F1, Duma 43, DK 8031, Pannar 3M-01/05, Pannar 4M- 19 Pioneer P28, Haraka, Sawa, , DH 04, DK 8033, WEMA, Tosheka, SY59, Mituki
	Beans	Kat B1, Kat X56, , Kat B9, Saitoti, Nyayo,Nyota, Katram,Mwezi Moja
	Green grams	KS20, N26, Karembo
	Sorghum	Gadam, Kari Mtama1, Sila, Macia, Seredo, Serena
	Cowpeas	M66, K80, KVU-27, Ken Kunde 1, Ndamba, Kalitho,Kimbuva, mwai umwe
	Other crops	Sweet potato, Dolichos lab lab (DL1002) Sunflower (Fedha, Kenya Shaba), Pumpkins (Pujita, Leela), , Cassava, Finger millet
	Vegetables	Kales, Amaranthus(terere), (black night shade) managu, spinach, Spider plant (Saget), Tomato and capsicum
	Fruits	Passion fruits, watermelon, pawpaws
	Grass	Cow candy, Love grass (Mbeetwa), Sudan grass, Cenchrus ciliaris(Ndata kivumbu) Boma Rhodes, Napier grass, Elba Rhodes, Fodder sorghum, Brachiaria Mulato
	Fodder	Sweet Potato Vines,Leucaena, Calliandra, Desmodium,Mexican Wild Flower, Fodder Sorghum

Rainfall amount: 350 and above Wards: Kivaa, Partly Masinga Central, Ndalani, Matuu, Kathiiani Central, Mitaboni, upperkaewa/iveti and lower kaewa/kaani, Ikombe, Kibauni, Katangi, Muthetheni, Wamunyu, Masii, Mwala, Mbiuni, Matungulu, Kyeleni, Matungulu North/East/West, Tala, Kangundo North/Cental/East/West, Machakos Central, kola, Muvuuti/kiima kimwe, Mutituni/Ngelani, Mumbuni North, partly Mua and Kalama	Maize	DK 8033/8031, Pioneer 3253/P28, Duma 43, DH 04, H520, H516, Pannar 4 M – 19, Sawa, Tosheka, WEMA, SY59
	Beans	Kat x56, Kat B1, Kat B9, Nyota, Nyayo, Saitoti
	Sorghum	Gadam, Kari Mtama 1, Sila, Macia, Seredo, Serena
	Cowpeas	M66, K80, KVVU-27, Ken Kunde 1, Ndamba, Kalitho, Kimbuva
	Green grams	KS20, N26, Karembo
	Other crops	Sweet potatoes, sunflower, finger millet, pumpkins
	Vegetables	Kales, Spinach, Tomatoes, Curcubits, Tomatoes, African leafy Vegetables,
	Fruits	Passion fruit, Pawpaw, water melons
	Grass	Sudan grass, Napier grass, Cow candy, Love grass (Mbeetwa) Sudan grass, Cenhrus Ciliaris (Ndata kivumbu) Bracharia Mulato, Boma Rhodes, , Elba Rhodes,
Fodder	Fodder sorghum, Sweet Potato Vines, Leucaena, Calliandra, Desmodium, Mexican Wild Flower	

Farmers are advised to prepare for the MAM 2022 rains by doing the following:

1. Timely acquisition of recommended farm inputs like seeds, fertilizer, chemicals and equipment
2. Farmers to do timely land preparation through repair of soil and water conservation structures, tilling, harvesting previous crop and bush clearing, manuring in readiness for timely planting.
3. Farmers to be vigilant in monitoring and management of pests and diseases
4. Farmers to ensure that cattle are vaccinated against lumpy skin disease (Ikundu) and black quarter (Ikene), routine de-worming and pest control in all livestock
5. Farmers can stock dams and fish ponds with fingerling lings mainly Cat fish and Nile tilapia. Fish ponds to be stocked with mono sex tilapia, mature fish to harvest and restock.
6. Farmers to construct and repair hay barns, harvest and bale hay at the right stage.
7. Farmers to enhance hygiene, harvest water, use mosquito nets, clear bushes / grasses and drain stagnant water around homestead