



**KENYA METEOROLOGICAL DEPARTMENT IN COLLABORATION WITH
KENYA CEREAL ENHANCEMENT PROGRAMME-CLIMATE RESILIENT AGRICULTURE LIVELIHOOD
WINDOW(KCEP-CRAWL)**

1.0 MAM 2022 PSP AGREED AGRO-WEATHER ADVISORIES FOR UPPER AND MIDDLE ZONE

THARAKA-NITHI COUNTY MAM 2022 PSP AGRO-WEATHER ADVISORY FOR UPPER & MIDDLE ZONE –Probable impacts-Areas of Maara/chuka/W.parts of igambang’ombe subcounties(chogoria,ganga,Mwimbi,karingani,Magumoni , Mugwe,Mariani,Ituguru,and Kamwimbi)

MAM 2022 RAINFALL FORECAST	SEASONAL CHARACTERISTICS	SPATIAL DISTRIBUTION
Normal Rainfall	<ol style="list-style-type: none"> 1. Onset expected in the third to fourth week of March. 2. Distribution expected to be good, both in time and space 	

	3. Cessation is expected to be in the third to fourth week of May.	
Probable positive impacts/Oportunities	Recommendations	Responsibility
<ul style="list-style-type: none"> 1. Good Crop Yield 2. Enhanced rainfall 	<ul style="list-style-type: none"> 1. Maintain recocommended varieties of food crops- model crops <ul style="list-style-type: none"> (i) Maize- Duma43,KH-500-43A,Pioneer 3253,PAN3M05, 414,WE 3106 (Tsavo seeds) (ii) Beans:- MWITEMANA,KA TB1,KATX56,NY OTA 2. Use recommended fertilizers N.P.K.23.23.0 for planting & CAN for top dressing. 	Farmers, County Department of agriculture, CRAL,KMD.

	<ol style="list-style-type: none"> 3. Early preparation of land and planting. 4. Embrace good farm management practices. 5. Water harvesting for future use 	
Probable Negative impacts/Risks	Recommendations	Responsibility
<ol style="list-style-type: none"> 1. Increased pests and diseases. 2. Flash floods 	<ol style="list-style-type: none"> 1. Preparedness with the right pesticides Emaron/Profen,& Escort. 2. Use of intergrated pest management systems and other bio-chemicals continous monitoring and reports to relevant bodies. 3. Erect terraces/Trenches where the land is steep to avoid soil erosion. 	<p>Farmers, County Department of agriculture, KCEP-CRAL ,KMD, Pests control Board.</p>



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2.0 MAM 2022 PSP AGREED AGRO-WEATHER ADVISORIES FOR LOWER ZONE

THARAKA-NITHI COUNTY MAM 2022 PSP AGRO-WEATHER ADVISORY FOR LOWER ZONE –possible impacts-Areas of Tharaka- South ,Tharaka-North Sub-counties(Chakariga,Marimanti,Nkondi Mukothima,Gatunga wards)

MAM 2022 RAINFALL FORECAST	SEASONAL CHARACTERISTICS	SPATIAL DISTRIBUTION
Near Normal Rainfall	<ol style="list-style-type: none"> Onset expected in the third to fourth week of March. Distribution expected to be good spatially. However to be poor in time Cessation is expected to be in the third to fourth week of May. 	

Probable positive impacts/Opportunities	Recommendations	Responsibility
<ol style="list-style-type: none"> 1. Good crop Yield 2. Normal Rainfall 	<ol style="list-style-type: none"> 1. Maintain recommended drought resilient crops :- (i) Sorghum :- GADAM,KARI Mtama 1,Red Sorghum (ii)green grams:- N26,KS20,Karemba.Ndengubiashara. 2. Early preparation of land. 3. Carry out timely agronomical practices such as early planting, top dressing (CAN),harvesting, storage etc 4. Embrace good farm management practices & conservative farming. 5. Basal fertilizer. N.P.K 23.23.0 for sorghum & apply folia for greengrams 6. Harvest excess water for future use 	Farmers, County Department of agriculture, KCEP-CRAL,NDMA, KMD,

	7. Erect terraces/trenches on steep lands to avoid soil erosion	
Negative impacts/Risks	Recommendations	Responsibility
<ol style="list-style-type: none"> 1. Increased pests and diseases. 2. Below normal rainfall 	<ol style="list-style-type: none"> 1. Preparedness with the right pesticides (Escort,Emaron)and Fungicides –Tabibu ,Chariot for greengrams 2. Continous monitoring and report to relevant authorities if necessary of any attacks on crops when sported. 3. Embrace good farm management practices & conservative agriculture 	<p>Farmers, County Department of agriculture, KCEP-CRAL ,KMD, Pests control Board.</p>