



Gramin Krishi Mousam Sewa (GKMS), Thrissur

Agromet Advisory Bulletin for Ernakulam District

(Valid from 01.3.2022 to 05.3.2022)

Prepared by the Department of Agricultural Meteorology, Kerala Agricultural University, COA, Vellanikkara based on the medium range weather forecast of India Meteorological Department (IMD), New Delhi

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A. Medium range weather forecast of IMD for next five days

Weather parameters	01.3.2022	02.3.2022	03.3.2022	04.3.2022	05.3.2022
Rainfall (mm)	0.1	0	0	0.1	3
Maximum temperature (°C)	32	32	32	32	32
Minimum temperature (°C)	25	25	25	25	25
Maximum Relative Humidity (%)	75	75	75	75	75
Minimum Relative Humidity (%)	65	65	65	65	65
Wind speed (kmph)	8	8	8	8	8
Wind direction (deg)	270	270	270	270	270
Total cloud cover (octa)	2	2	2	3	8




RAINFALL FORECAST FOR NEXT FIVE DAYS

2022 March 01	2022 March 02	2022 March 03	2022 March 04	2022 March 05
Very light rain				

Weather summary / Alert: Very light rainfall is expected in isolated places of the district. Below normal rainfall is expected in Kerala.

B. Agrometeorological Advisories for crop protection & management

Since there is a chance of dry weather condition due to strong wind and high evaporation, crops should be irrigated, when required. Since the wind speed may increase, give strong propping to banana and staking to vegetables.

Crop	Pest/ Disease	Crop/ Animal Advisories (RRS Vyttila)	
Rice – Active tillering stage	Foot rot		Seed treatment with Carbendazim 2g per kg of seed. Spray Hexaconazole 5EC 1.5 ml per litre after draining the field
Banana & Coconut	Irrigation		Since dry weather condition is prevailed, irrigate to Banana and Coconut. Give 40 to 50 liter water for a coconut palm and 40 liter water for a banana plant. Ensure that there is enough moisture in the soil
Amaranthus	blight		Intercrop red and green varieties, seed treatment with <i>Trichoderma</i> or <i>Pseudomonas</i> , restrict irrigation to the basin, dissolve 20 g cow dung in one litre of water and spray supernatant liquid by mixing with 20 g <i>Pseudomonas</i> with the onset of initial symptoms itself, foliar spray and soil drenching with Turmeric powder (5 g) + baking soda (1 g) mixture in one litre water at 7-8 days interval is also recommended for its control.
Fish farming	Fish farmers who cultivate in ponds should tie 80% shade net (green colour) above the pond in order to prevent excess surge in temperature of water from direct sunlight.		