



Gramin Krishi Mousam Sewa (GKMS), Thrissur
Agromet Advisory Bulletin for Ernakulam District
(Valid from 23.2.2022 to 27.2.2022)

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	23.2.2022	24.2.2022	25.2.2022	26.2.2022	27.2.2022
Rainfall (mm)	0.5	0.1	0.1	0.1	0.1
Maximum temperature (°C)	33	33	33	33	31
Minimum temperature (°C)	25	25	25	25	24
Maximum Relative Humidity (%)	80	80	80	80	80
Minimum Relative Humidity (%)	55	55	55	55	55
Wind speed (kmph)	2	2	2	2	2
Wind direction (deg)	290	250	290	250	290
Total cloud cover (octa)	3	4	3	2	4




RAINFALL FORECAST FOR NEXT FIVE DAYS

2022 February 23	2022 February 24	2022 February 25	2022 February 26	2022 February 27
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 dry weather condition is prevailed, irrigation of crops can be continued.

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.		