



Gramin Krishi Mousam Sewa (GKMS), Thrissur
Agromet Advisory Bulletin for Ernakulam District
(Valid from 19.2.2022 to 23.2.2022)

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	19.2.2022	20.2.2022	21.2.2022	22.2.2022	23.2.2022
Rainfall (mm)	0.1	0.1	0.1	0	2
Maximum temperature (°C)	32	31	31	31	31
Minimum temperature (°C)	24	24	24	24	24
Maximum Relative Humidity (%)	82	82	82	82	82
Minimum Relative Humidity (%)	65	65	65	65	65
Wind speed (kmph)	10	10	10	10	10
Wind direction (deg)	250	250	250	270	270
Total cloud cover (octa)	4	3	3	3	5




RAINFALL FORECAST FOR NEXT FIVE DAYS

2022 February 19	2022 February 20	2022 February 21	2022 February 22	2022 February 23
Very light rain			No rain	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	Bacterial Leaf blight		Dissolve 20 g cow dung in one litre of water and spray supernatant liquid by mixing with 20 g <i>Pseudomonas</i> in one litre of water.
Banana	Pseudostem weevil		Place the cadavars infected with entomopathogenic nematodes in the four leaf axils around the spindle in plants of 4-5 months old.
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	Presently brackish water areas are good for stocking of brackish water fishes like pearl spot, chanos, seabass, mullet and shrimp because of favourable salinity in water		