



Agromet Advisory Bulletin for Ernakulam District

(Valid from 18.11.2023 to 22.11.2023)

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	18.11.2023	19.11.2023	20.11.2023	21.11.2023	22.11.2023
Rainfall (mm)	3	5	14	4	3
Maximum temperature (°C)	32	32	32	35	35
Minimum temperature (°C)	25	24	24	24	24
Maximum Relative Humidity (%)	90	92	92	92	92
Minimum Relative Humidity (%)	70	75	75	75	75
Wind speed (kmph)	4	4	4	2	2
Wind direction (deg)	230	270	270	250	90
Total cloud cover (octa)	8	8	8	8	8

Weather summary / Alert: As per the forecast of IMD, there is a chance of light rainfall in the district and moderate rainfall in isolated places. Above normal rainfall is expected in Kerala.

B. Agrometeorological Advisories for crop protection & management

C. General and Agrometeorological Advisories for Ernakulam District (RRS Vyttila)

Prophylactic measures can be taken to control and to avoid the spread of crop pest and diseases. Proper mulching can be followed to conserve soil moisture.

Crop	Pest/ Disease	Crop/ Animal Advisory
Paddy (Pokkali)	Management	Based on maturity of crop harvesting operations can be started
Paddy (Mundakan) Tillering stage	Leaf folder	Trim the bunds and remove grassy weeds. Release of <i>Trichogramma chilonis</i> (5 cc / Ha) when moth activity is noticed. Set up light trap to monitor the moth population.
Banana	Management	First split of fertilizers can be given for TC banana and irrigated nendran
Cool season vegetables	Planting	One month old seedlings to be transplanted to already prepared field @ 90-100 seedlings / cent or in grow bags. 100 Kg <i>Trichoderma</i> enriched cowdung / compost can be applied before planting as basal dose. Complete transplanting before third week of November.

Fisheries: - Due to frequent rainfall, fish pond water level may increase in coming days. So farmers to take necessary steps to prevent the escape of fishes like fencing the fish pond by net.