



Agromet Advisory Bulletin for Ernakulam District

(Valid from 25.11.2023 to 29.11.2023)

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	25.11.2023	26.11.2023	27.11.2023	28.11.2023	29.11.2023
Rainfall (mm)	5	5	3	3	1
Maximum temperature (°C)	30	35	35	35	35
Minimum temperature (°C)	26	24	24	24	24
Maximum Relative Humidity (%)	90	90	90	90	90
Minimum Relative Humidity (%)	70	70	70	70	70
Wind speed (kmph)	2	4	2	2	2
Wind direction (deg)	200	270	270	230	250
Total cloud cover (octa)	8	8	8	7	8

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

B. Agrometeorological Advisories for crop protection & management

C. General and Agrometeorological Advisories for Ernakulum 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.
Cucurbitaceous Vegetables	Downy mildew	Due to high relative humidity, there is a chance of downymildew attack in cucurbitaceous vegetables. Spray 2.5gm Mancozeb per one litre of water under the leaves.
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 increases in coming days. So farmers to take necessary steps to prevent the escape of fishes like fencing the fish pond by net.