



Agromet Advisory Bulletin for Ernakulam District

(Valid from 11.10.2024 to 15.10.2024)

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	11.10.2024	12.10.2024	13.10.2024	14.10.2024	15.10.2024
Rainfall (mm)	5	3	15	3	2
Maximum temperature (°C)	31	32	32	32	32
Minimum temperature (°C)	26	25	25	25	25
Maximum Relative Humidity (%)	85	85	85	85	85
Minimum Relative Humidity (%)	70	70	70	70	70
Wind speed (kmph)	7	5	8	8	8
Wind direction (deg)	230	270	270	270	270
Total cloud cover (octa)	6	8	8	8	6

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)

Special crop management is required for agricultural crops during monsoon season. Proper drainage facilities have to be ensured. If the soil is more acidic, add lime as per soil testing. Pesticides should not be applied during rainy period. Provide supports to banana crops. Make the vegetable pandals stronger.

Crop	Pest/ Disease, Crop Management	Agromet Advisory
Paddy (Pokkali)	Purple moorhen	Strategies to manage purple moorhen is very essential in pokkali ecosystem like using nets, reflective ribbons (red and silver) or by erecting rope grids over the canopy.
Paddy (Mundakan) Nursery	Rice Thrips	Flooding to submerge the infested field for two days is very effective. In case of severe infestation, spray Thiamethoxam 25WG 2g/10 litre water
Coconut	Rhinoceros beetle	Field sanitation; top most three leaf axils may be filled with 25g neem cake and 200g sand mixture or naphthalene balls and sand as a prophylactic measure and repeat this procedure 45 days interval; Crown cleaning followed by the application of 20g cartap hydrochloride 4G/ Fipronil 0.3G/ Carbosulphan 6G mixed with 200g sand on top three leaf axils; mist net balls can be inserted around leaf spindles.
Ginger	Stem borer	Spray 20g <i>Beauveria bassianain</i> a litre of water

Animal Husbandry: - Precautions to be taken to avoid leptospirosis and ectoparasitic infestations. Care should be taken to avoid fungal growth in cattle feed. Deworm the animals after dung examination. (CAADECCS, KVASU, Mannuthy).