



Agromet Advisory Bulletin for Ernakulam District

(Valid from 05.10.2024 to 09.10.2024)

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	05.10.2024	06.10.2024	07.10.2024	08.10.2024	09.10.2024
Rainfall (mm)	4	2	4	4	3
Maximum temperature (°C)	31	32	32	32	32
Minimum temperature (°C)	26	26	25	25	25
Maximum Relative Humidity (%)	85	85	85	85	85
Minimum Relative Humidity (%)	65	65	65	65	65
Wind speed (kmph)	10	10	8	8	6
Wind direction (deg)	270	250	250	230	250
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. Below 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
Rice (Virippu) Harvesting stage	-	Virippu paddy crop is in harvesting stage. The paddy crop, which attained maturity stage can be harvested as early as possible.
Rice (Mundakan)	Transplanting	As a prophylactic measure, the root of seedlings can be soaked for 30 minutes in a solution of pseudomonas culture to control sheath blight, sheath rot, leaf spot disease etc. Spray 20 gram Pseudomonas in one litre of water before transplanting
Coconut	Fertilizer Application	Second dose of chemical fertilizers can be applied with 1.5 kg of urea, 1.45 kg of rock phosphate and 2.25 kg of muriate of potash per a matured coconut plant.
Banana	Planting stage	The rhizomes can be cleaned and dipped in a mixture of cow dung solution and ash. Then dry 3 to 4 days before planting. Lime can be applied at 250 gram per plant at the time of planting.
Pepper	Quick wilt	As a prophylactic measure to control quick wilt of pepper, add 2 kg Trichoderma to a mixture of 90 kg FYM and 10 kg neem cake and kept for two weeks with sufficient moisture and add 2.5 kg to the base of each matured pepper vine

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).