



Agromet Advisory Bulletin for Ernakulam District

(Valid from 16.10.2024 to 20.10.2024)

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	16.10.2024	17.10.2024	18.10.2024	19.10.2024	20.10.2024
Rainfall (mm)	6	5	2	2	4
Maximum temperature (°C)	30	30	30	30	30
Minimum temperature (°C)	25	25	25	25	25
Maximum Relative Humidity (%)	95	95	95	95	95
Minimum Relative Humidity (%)	70	70	70	70	70
Wind speed (kmph)	3	2	2	2	2
Wind direction (deg)	340	360	200	230	230
Total cloud cover (octa)	8	8	7	8	7

Weather summary / Alert: As per the forecast of IMD, there is a chance of moderate 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 (Mundakan) Seedling stage	Bacterial leaf blight	Spray cow dung supernatant along with <i>Pseudomonas</i> (2%), twice at 10 days interval
	Rice leaf folder	There is a chance of leaf folder attack in paddy. It can be controlled by using <i>Trichogramma</i> parasitized egg cards (2CC per one acre). Cut the cards into small pieces and fix in different regions of the field. If the attack is severe, spray quinalphos @ 2 ml per one liter of water
	Rice case worm	During rainy season, there is a chance of rice case worm in paddy field. To control this, 25 kg sawdust or rice husk ash mixed with one litre kerosine (for 1 acre) can be spread after draining the field.
Banana	Sigatoka leaf spot	20g / L <i>Pseudomonas</i> can be sprayed in initial stages, rhizome treatment in 50g <i>Pseudomonas</i> per liter water for 30 minutes; 1% Bordeaux mixture can be sprayed 3 to 4 times in 3 to 4 weeks interval.
Coconut	Bud rot	Remove the affected portion and apply 10% Bordeaux paste followed by 1% Bordeaux mixture spray.
	Mahali & Leaf rot	Spray of 1% Bordeaux mixture

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.