



Agromet Advisory Bulletin for Ernakulam District

(Valid from 16.04.2025 to 20.04.2025)

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	16.04.2025	17.04.2025	18.04.2025	19.04.2025	20.04.2025
Rainfall (mm)	0.2	0.5	0.2	0.2	0.1
Maximum temperature (°C)	33	33	33	33	33
Minimum temperature (°C)	24	24	24	24	24
Maximum Relative Humidity (%)	75	75	75	75	75
Minimum Relative Humidity (%)	65	65	65	65	65
Wind speed (kmph)	8	8	8	8	8
Wind direction (deg)	270	290	290	340	270
Total cloud cover (octa)	7	7	8	6	5

Weather summary / Alert: - As per the forecast of IMD, there is a chance of light rainfall in the district. Thunderstorm accompanied by lightning and gusty winds is very likely to occur at one or two places over Kerala on 15th to 19th April 2025. Above normal rainfall is expected in Kerala.

Maximum temperatures are very likely to be around 36°C in 15th & 16th April 2025. Hot & Humid weather is very likely to prevail over the district except in hilly areas due to high temperature and humidity.

B. Agrometeorological Advisories for crop protection & management

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

General Advisory: - Proper mulching can be followed to conserve soil moisture. Since air temperature is increasing, it is a desirable practice to bury fresh or dried coconut husk around the palm to conserve soil moisture.

Crop	Pest/ Disease, Crop Management	Agromet Advisory
Rice (Pokkali)	Management	By April 15, farmers will complete the prawn cultivation and initiate the activities for pokkali rice cultivation by strengthening the outer bunds and setting sluices after draining the pokkali field.
Puncha rice (Milky stage)	Rice bug	There is a chance of appearance of rice bug in paddy. To control spray fish jaggery extract (20 ml/litre of water) or spray chitin based Pseudomonas fluorescens 20 gram in one litre of water. If the attack is severe, spray Azadirachtin 10 ml or Malathion 2 ml per litre of water.
Turmeric	Planting	On receipt of pre-monsoon showers, prepare beds of size 3 m x 1.2 m with a spacing of 40 cm between beds in already tilled land. 160 Kg organic manure, 600 g rajphos and 200g MOP to be given as basal dose for one cent. Whole or split mother rhizomes are used for planting. Mulch the crop immediately after planting.
Brinjal	Fruit borer	There is a chance of fruit borer attack in brinjal. It can be controlled by spraying 50 gram neem seed kernel extract per one litre of water. If the attack is severe, spray Chlorantraniliprole @ 3ml per ten litre of water.

Animal Husbandry: - Take precautions to avoid ecto-parasitic infestation. Fever, shivering, brown coloured urine, off feed are noticed, consult veterinary doctor immediately. (CAADECCS, KVASU, Mannuthy).