



Agromet Advisory Bulletin for Ernakulam District

(Valid from 30.04.2025 to 04.05.2025)

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	30.04.2025	01.05.2025	02.05.2025	03.05.2025	04.05.2025
Rainfall (mm)	3	1	0.5	0.5	1
Maximum temperature (°C)	33	33	33	33	33
Minimum temperature (°C)	24	24	24	24	24
Maximum Relative Humidity (%)	80	80	80	80	80
Minimum Relative Humidity (%)	75	75	75	75	75
Wind speed (kmph)	3	4	2	4	2
Wind direction (deg)	270	290	270	270	320
Total cloud cover (octa)	8	8	7	8	8

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 29th April to May 03rd 2025. Normal to above normal rainfall is expected in Kerala.

Maximum temperatures are very likely to be around 36°C in 29th April to May 1st 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	After strengthening the outer bunds, setting the sluices and drying the field, farmers can start preparing mounds and seeds can also be procured.
Rice (Puncha)	Sheath Blight	To control sheath blight disease in rice, spray 4 gram of Trifloxystrobin + Tebuconazole mixture in ten litres of water.
Vegetables	Mites	Spray neem oil garlic emulsion (20 ml neem oil + 20 g garlic paste + 5 g bar soap per litre of water) or 1% azadirachtin (10 ml per litre water) in the initial stages of infestation. In severe cases, spray Spiromesifen 22.9 SC 1 ml per litre of water or Fenazaquin 10 EC 2.5 ml per litre water
Tree crops	Pink disease	Bordeux mixture to be sprayed after summer showers to prevent the disease.
Ginger/Turmeric	Foot rot	The seed rhizomes should be soaked in 0.3 % mancozeb or pseudomonas solution for 30 minutes for preventing rhizome rot disease. While planting 90 kg FYM mixed with one kg <i>Trichoderma</i> and kept under shade for two weeks with sufficient moisture can be applied.

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).