



Agromet Advisory Bulletin for Ernakulam District

(Valid from 15.03.2025 to 19.03.2025)

*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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Dated 14.03.2025

A Medium range weather forecast of IMD for next five days

Weather parameters	15.03.2025	16.03.2025	17.03.2025	18.03.2025	19.03.2025
Rainfall (mm)	0.1	0.1	1	3	0.2
Maximum temperature (°C)	33	33	33	33	33
Minimum temperature (°C)	27	27	27	27	27
Maximum Relative Humidity (%)	83	83	83	83	83
Minimum Relative Humidity (%)	60	60	60	60	60
Wind speed (kmph)	8	12	8	6	2
Wind direction (deg)	290	320	270	270	250
Total cloud cover (octa)	4	5	7	8	7

Weather summary / Alert: - As per the forecast of IMD, Maximum temperatures are very likely to be around 36°C in Ernakulam district on 14th & 15th March 2025.

SMS:-There is a chance of light rainfall in isolated places of the district. Normal rainfall is expected in Kerala.

B. Agrometeorological Advisories for crop protection & management

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

General Advisory: - The following are immediate steps to be followed to protect farmers, plants and birds from the summer heat. Drink plenty of clean water from time to time to prevent dehydration. Avoid going out in hot weather, to avoid sunburn. While working in the farm, try to use a hat or an umbrella to prevent direct sunlight. As the climate is hot and dry, irrigate the crops as required to ensure adequate soil moisture. Avoid irrigation during strong sunlight. Drip irrigation can reduce water loss to some extent.

Crop	Pest/ Disease, Crop Management	Agromet Advisory
Puncha rice	Rice bug	Fish amino acid @ 6ml per litre of water can be sprayed or chitin based Pseudomonas can be applied @ 20 g per litre water
Vegetables	Sucking pests	Spraying of <i>Leccanicilium leccani</i> 20 g / L at weekly intervals to be done from the initial stage of infestation. Higher population of the pests can be suppressed by spraying Neem based insecticides or Dimethoate 30 EC (1.5 ml / L) or Thiamethoxam 20 WG (2g / 10 L). The spray fluid should be directed towards either side of leaves. In the case of mealy bugs, white flies etc., spraying of soap solution to be done before the application of chemicals to dissolve the waxy covering.
Banana	Management	Give proper irrigation, propping can be done, suckers before bunch emergence to be destroyed
Ginger	Management	Clear the field and burn the weeds, stubbles, roots etc. in situ. Prepare the land by ploughing or digging and apply lime. Prepare beds of convenient length 1 m width, 25 cm height with 40 cm spacing between the beds. Provide drainage channels. For irrigated ginger, the best suited time for planting is middle of February. Otherwise the best time for planting ginger is during the first fortnight of April.

Animal Husbandry: To avoid indigestion and acidity in cattle's, give 30g sodium bicarbonate with one tea spoon yeast mixed with cattle feed. (CAADECCS, KVASU, Mannuthy).