



Agromet Advisory Bulletin for PALAKKAD 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	0	0.1	1	0.3
Maximum temperature (°C)	37	37	37	37	37
Minimum temperature (°C)	24	24	24	24	24
Maximum Relative Humidity (%)	84	84	84	84	84
Minimum Relative Humidity (%)	40	40	40	40	40
Wind speed (kmph)	5	5	3	3	3
Wind direction (deg)	70	20	110	110	20
Total cloud cover (octa)	5	5	5	8	7

Weather summary / Alert: - As per the forecast of IMD, Maximum temperatures are very likely to be around 37°C in Palakkad 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

General and Agrometeorological Advisories for Thrissur District

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.

az Crop	Pest/ Disease, Crop Management	Agromet Advisory
Puncha rice (Tillering stage)	Sheath Blight	To control sheath blight disease in rice, spray 4 gram of Trifloxystrobin + Tebuconazole mixture in ten litres of water.
	BrownPlant Hopper(BPH)	During high temperature, there is a chance of brown plant hopper attack in rice. Spray 2 gram Thiamethoxam per ten litre of water.
Pepper	Nematodes	To control nematodes in pepper, mix 10 grams of Pochonia chlamydosporea powder with 2 kg of finely ground cow dung or compost and apply it to the plant beds.
Brinjal	Fruit borer	There is a chance of pod borer attack in brinjal. It can be controlled by spraying 50 grams Neem seed kernel extract per one litre of water. If the attack is severe, spray Chlorantraniliprole @ 3ml per ten litre of water.

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).