



Agromet Advisory Bulletin for PALAKKAD District

(Valid from 27.11.2024 to 01.12.2024)

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	27.11.2024	28.11.2024	29.11.2024	30.11.2024	01.12.2024
Rainfall (mm)	1	0.1	0.1	0.1	0.1
Maximum temperature (°C)	32	32	32	32	32
Minimum temperature (°C)	25	25	25	25	25
Maximum Relative Humidity (%)	91	91	91	91	91
Minimum Relative Humidity (%)	60	60	60	60	60
Wind speed (kmph)	2	2	2	2	2
Wind direction (deg)	110	90	320	250	230
Total cloud cover (octa)	8	8	6	6	7

Weather summary / Alert: As per the forecast of IMD, there is a chance of light rainfall in the district. Above normal rainfall is expected in Kerala.

B. Agrometeorological Advisories for crop protection & management

General and Agrometeorological Advisories for Thrissur District

Prophylactic measures can be taken to control and to avoid the spread of crop pest and diseases. Since there is a chance of dry weather condition due to strong wind and high evaporation, crops should be irrigated, when required. Since the wind speed may increase, give strong propping to banana and staking to vegetables. As the rain is decreasing proper mulching can be followed to conserve soil moisture.

Crop	Pest/ Disease, Crop Management	Agromet Advisory
Rice (Mundakan) Tillering stage	Leaf folder	There is a chance of Leaf folder attack in Mundakan Paddy. It can be controlled by using trichogramma cards (2CC per one acre). Cut the cards in to small pieces and fix in different regions of the field. If the attack is severe, spray Chlorantraniliprole @ 3ml per ten litre of water.
	Bacterial Leaf blight	To control and prevent Bacterial Leaf blight in paddy, dissolve 20 g of cow dung in one liter of water and spray the supernatant liquid by mixing with 20g of pseudomonas. If the attack is severe spray 6 g of Streptocycline in 30 liter of water.
Vegetables Bitter gourd & Bhindi	Jazids	There is a chance of Jazids attack in bitter gourd and bhindi. Spray 2 g thiamethoxam per ten litre of water.
Brinjal	Shoot and Fruit Borer	There is a chance of shoot and fruit borer attack in brinjal. To control them, remove damaged shoot and fruits from the field. If the attack is severe, spray Chlorantraniliprole @ 3ml per ten litre of water.

Animal Husbandry: - Vaccinate animals against foot and mouth disease and hemorrhagic septicemia. If needed give medicine against worm infestation after dung examination. (CAADECCS, KVASU, Mannuthy).