



Agromet Advisory Bulletin for PALAKKAD District

(Valid from 04.12.2024 to 08.12.2024)

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	04.12.2024	05.12.2024	06.12.2024	07.12.2024	08.12.2024
Rainfall (mm)	3	0.5	0.1	0.1	0.1
Maximum temperature (°C)	27	29	30	32	32
Minimum temperature (°C)	22	22	24	24	24
Maximum Relative Humidity (%)	97	97	97	97	97
Minimum Relative Humidity (%)	63	63	63	63	63
Wind speed (kmph)	2	2	2	2	2
Wind direction (deg)	230	20	360	360	230
Total cloud cover (octa)	8	8	8	8	8

Weather summary / Alert: As per the forecast of IMD, there is a chance of moderate rainfall in isolated places of 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. Provide sufficient drainage facilities in agricultural lands. Spraying should be done only on dry/clear weather conditions. Do not keep the harvested produces like rice, rubber and copra at open places.

Crop	Pest/ Disease, Crop Management	Agromet Advisory
Rice (Mundakan) Panicle initiation	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.
Pepper	Quick wilt	As a prophylactic measure to control quick wilt of pepper, add 2 kg Trichoderma to a mixture of 90 kg FYM and 10 kg neem cake and kept for two weeks with sufficient moisture and add 2.5 kg to the base of each matured pepper vine
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.
Chilli	Thrips	There is a chance of thrips attack in chilli. Apply 2% neem oil garlic emulsion or spray 2 g Thiamethoxam per ten litres of water.

Animal Husbandry: - Keep the cattle shed and premises clean to avoid mosquito breeding. Avoid water logging near the cattle shed. The cow dung pit can be covered to protect from direct falling of rain.

(CAADECCS, KVASU, Mannuthy).