



Agromet Advisory Bulletin for PALAKKAD District

(Valid from 18.12.2024 to 22.12.2024)

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	18.12.2024	19.12.2024	20.12.2024	21.12.2024	22.12.2024
Rainfall (mm)	0.1	0	0.5	0.1	0.1
Maximum temperature (°C)	32	32	32	31	31
Minimum temperature (°C)	22	22	22	23	23
Maximum Relative Humidity (%)	82	82	82	82	82
Minimum Relative Humidity (%)	54	54	54	54	54
Wind speed (kmph)	2	2	2	3	3
Wind direction (deg)	200	230	250	250	230
Total cloud cover (octa)	7	7	7	7	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

General Advisory: - 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) Panicle Emergence stage	Sheath Blight	To control sheath blight disease in rice, spray 4 gram of Trifloxystrobin + Tebuconazole mixture in ten litres of water.
	Lakshmi disease	There is a chance of Lakshmi disease in rice. To control this, spray 2 gram Copper hydroxide in one liter of water.
Banana	Panama wilt	There is a chance of panama wilt in banana varieties like poovan, kadali etc. Drench the soil with two gram of carbendazim in one litre of water.
Pepper	Pollu disease	During high humidity, there is a chance of pollu disease in pepper plants. Control the shade in the garden and spray with 1% Bordeaux mixture.

Animal Husbandry: - Deworm the animals after dung examination. Vaccinate animals against foot and mouth disease. Care should be taken to avoid ecto parasitic infestation. (CAADECCS, KVASU, Mannuthy).