



Agromet Advisory Bulletin for PALAKKAD District

(Valid from 15.11.2024 to 19.11.2024)

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	15.11.2024	16.11.2024	17.11.2024	18.11.2024	19.11.2024
Rainfall (mm)	6	1	1	2	3
Maximum temperature (°C)	32	32	32	32	32
Minimum temperature (°C)	24	24	24	24	24
Maximum Relative Humidity (%)	89	89	89	89	89
Minimum Relative Humidity (%)	64	64	64	64	64
Wind speed (kmph)	2	2	2	2	4
Wind direction (deg)	20	70	70	70	70
Total cloud cover (octa)	8	8	7	7	8

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

B. Agrometeorological Advisories for crop protection & management

C. General and Agro meteorological Advisories

Prophylactic measures can be taken to control and to avoid the spread of crop pest and diseases. 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.
Cowpea	Pod bug	There is a chance of pod bug attack in cowpea. It can be controlled by spraying 50 grams Neem extract per one liter of water. Or spray 20 grams of Beauveria in one liter of water.
Brinjal	Stem borer	There is a chance of stem borer attack in brinjal. To control them, remove damaged stems from the field. If the attack is severe, spray Chlorantraniliprole @ 3ml per ten litre of water.
Turmeric	Leaf Blotch (Taphrina maculans)	There is a chance of leaf blotch diseases in turmeric. Remove and destroying disease affected plants. As a prophylactic measure, spray 2ml hexaconazole or 2 gram SAAF dissolved in one litre of water. Spraying can be continued at fortnightly intervals depending upon the intensity of the disease.

Animal Husbandry: - Cattle feed should be stored on a wooden board or iron board. If moisture is in the cattle feed, it may cause deadly fungal growth. Care should be taken to prevent rat breeding in the premises of cattle shed to prevent leptospirosis. Vaccinate animals against foot and mouth disease. (CAADBECS, KVASU, Mannuthy).