



Agromet Advisory Bulletin for PALAKKAD District

(Valid from 18.09.2024 to 22.09.2024)

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	18.09.2024	19.09.2024	20.09.2024	21.09.2024	22.09.2024
Rainfall (mm)	3	3	1	3	2
Maximum temperature (°C)	34	34	35	34	34
Minimum temperature (°C)	25	26	26	26	26
Maximum Relative Humidity (%)	90	90	90	90	90
Minimum Relative Humidity (%)	70	70	70	70	70
Wind speed (kmph)	10	9	6	8	8
Wind direction (deg)	250	250	270	250	250
Total cloud cover (octa)	6	4	3	4	3

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

B. Agrometeorological Advisories for crop protection & management

C. General and Agro meteorological Advisories

Special crop management is required for agricultural crops during monsoon season. Proper drainage facilities have to be ensured. If the soil is more acidic, add lime as per soil testing. Pesticides should not be applied during rainy period. Provide supports to banana crops. Make the vegetable pandals stronger. To protect farmers and livestock from lightning and thunder avoid standing in open areas.

Crop	Pest/ Disease	Crop/ Animal Advisory
Rice (virippu) Milky stage	Rice bug	There is a chance of appearance of rice bug in paddy. To control spray fish jaggery extract (20 ml/litre of water) or spray chitin based Pseudomonas fluorescens 20 gram in one litre of water. If the attack is severe, spray Azadirachtin 10 ml or Malathion 2 ml per litre of water.
Banana	-	Cut and remove the outer layer of the rhizome and sundry for 3 to 4 days after smearing it with slurry of cow dung and ash. Apply neem cake @ 1 kg/plant at the time of planting.
Ginger	Rhizome rot	There is a chance of rhizome rot disease in ginger. As a prophylactic measure spray, 2 gram Copper oxychloride or 1.5 gram copper hydroxide per one litre of water.
Vegetables (Cowpea)	Anthraco-nose disease	During rainy season, there is a chance of Anthracnose disease in Cowpea. To control spray Carbendazim one gram per one litre of water. Pesticides should not be applied during rain.

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. (CAADECCS, KVASU, Mannuthy).