



Agromet Advisory Bulletin for PALAKKAD District

(Valid from 17.08.2024 to 21.08.2024)

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

AAS Bulletin No: 33/2024, (66) Friday

Dated 16.08.2024

A. Medium range weather forecast of IMD for next five days

Weather parameters	17.08.2024	18.08.2024	19.08.2024	20.08.2024	21.08.2024
Rainfall (mm)	8	6	7	9	20
Maximum temperature (°C)	32	32	32	31	31
Minimum temperature (°C)	26	26	26	25	25
Maximum Relative Humidity (%)	90	90	92	92	92
Minimum Relative Humidity (%)	74	74	78	78	78
Wind speed (kmph)	3	4	3	3	4
Wind direction (deg)	340	340	290	290	290
Total cloud cover (octa)	6	6	7	8	7

Weather summary / Alert: As per the forecast of IMD, there is a chance of moderate rainfall in isolated places of the district. Normal to above 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) Panicle initiation stage	Bacterial Leaf blight	To control and prevent bacterial leaf blight in paddy, dissolve 20 g of cow dung in one litre of water and spray the supernatant liquid by mixing with 20g of pseudomonas.
Banana	Rhizome rot	During rainy season, there is a chance of Rhizome rot in banana. As a prophylactic measure, drench the basin with 3 litre of pseudomonas solution (20g per one liter of water).
Ginger	Phyllosticta leaf spot	Remove and destroying disease affected plants. As a prophylactic measure, spray 2ml hexaconazole or 1 ml Propiconazole or 2 gram SAAF or 2.5 g copper oxychloride or 2 g copper hydroxide dissolved in one litre of water. Otherwise 1% Bordeaux mixture can be sprayed. Spraying can be continued at fortnightly intervals depending upon the intensity of the disease.
Nutmeg	Leaf fall	During rainy season, there is a chance of leaf fall in nutmeg. As a prophylactic measure to manage leaf fall in nutmeg, spray 1% Bordeaux mixture. Proper drainage facilities have to be ensured

Animal Husbandry: Precautions should be taken to avoid ectoparasitic infestations. Deworming of animals should be done after microscopical examination of dung sample in a veterinary hospital. (CAAEDECCS, KVASU, Mannuthy)