



Agromet Advisory Bulletin for PALAKKAD District

(Valid from 12.06.2024 to 16.06.2024)

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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Dated 11.06.2024

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

Weather parameters	12.06. 2024	13.06.2024	14.06. 2024	15.06. 2024	16.06.2024
Rainfall (mm)	10	8	4	8	1
Maximum temperature (°C)	32	32	34	34	34
Minimum temperature (°C)	24	24	25	25	25
Maximum Relative Humidity (%)	95	95	95	95	95
Minimum Relative Humidity (%)	74	74	74	74	74
Wind speed (kmph)	4	6	8	6	8
Wind direction (deg)	250	250	250	250	230
Total cloud cover (octa)	8	8	8	8	8

Weather summary / Alert: Thunderstorm with lightning is very likely to occur at one or two places in Kerala on 11 th & 12 th June 2024.

SMS: - As per the forecast of IMD, there is a chance of Moderate rainfall is expected in isolated places of the district. 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 before 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 for the bananas. Make the vegetable pandals stronger. Avoid standing in open areas to protect farmers and livestock from lightning and thunder.

Crop	Pest/ Disease	Crop/ Animal Advisory
Rice (virippu)	Sowing/Transp lantig	Time of land preparation in paddy fields, 140 kg of lime can be applied per acre. During rainy period, there is a chance of sheath blight, sheath rot, leaf spot disease etc. As a prophylactic measure, either soak one kg of paddy seeds or dip root of seedlings in a solution of Pseudomonas culture @10gram of Pseudomonas culture per one litre of water for 30 minutes.
Banana	Rhizome rot disease	During rainy season, there is a chance of Rhizome rot in banana. Proper drainage facilities have to be ensured. As a precaution, drench the basin with three litre of pseudomonas solution @ 20g per one liter of water.
Nutmeg	Organic fertilization	One year old plants can be given 10 kg of manure or compost per plant.
Pepper	Organic fertilization	At the beginning of the rainy season the first dose of fertilizer can be applied to pepper plants. A basin of 10 to 15 cm depth and 30 to 40 cm. diameter should be taken. 10 kg of manure or compost can be applied per plant and add some soil.

Animal Husbandry: - Deworm the animals after dung examination. Take precautions to avoid ecto parasitic infestation. Care should be taken to prevent rat breeding in the premises of cattle shed to prevent leptospirosis..