



Agromet Advisory Bulletin for PALAKKAD District

(Valid from 29.06.2024 to 03.07.2024)

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: 26/2024, (52) Friday

Dated 28.06.2024

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

Weather parameters	29.06.2024	30.06.2024	01.07.2024	02.07.2024	03.07.2024
Rainfall (mm)	12	4	14	10	10
Maximum temperature (°C)	29	31	31	31	31
Minimum temperature (°C)	24	25	25	25	25
Maximum Relative Humidity (%)	94	94	94	96	96
Minimum Relative Humidity (%)	88	88	88	88	88
Wind speed (kmph)	4	4	5	4	4
Wind direction (deg)	230	250	250	270	290
Total cloud cover (octa)	7	7	8	8	8

Weather summary / Alert: - Thunderstorm with lightning is very likely to occur at one or two places in Kerala on 29th & 30th June and 01st & 02nd July 2024.

SMS:- As per the forecast of IMD, there is a chance of Moderate rainfall in the district. 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 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)	Land preparation	When transplanting of virippu paddy was done, 140 kg lime per acre can be applied in the field during land preparation.
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).
Pepper	Foot rot/ Quick wilt	During rainy reason as a prophylactic measure to control foot rot disease, 2.5 gram of Copper Oxychloride or 2 gram of Copper Hydroxide per one litre of water can be spray it and drenched in the basin.

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. If leg lameness or fever was observed, immediate medical attention should be given. (CAADECCS, KVASU, Mannuthy)