



## Agromet Advisory Bulletin for PALAKKAD District

(Valid from 19.02.2025 to 23.02.2025)

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	19.02.2025	20.02.2025	21.02.2025	22.02.2025	23.02.2025
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C)	35	35	35	35	35
Minimum temperature (°C)	25	25	25	25	25
Maximum Relative Humidity (%)	77	77	77	77	77
Minimum Relative Humidity (%)	30	30	30	30	30
Wind speed (kmph)	6	3	4	8	6
Wind direction (deg)	50	50	50	70	50
Total cloud cover (octa)	3	5	3	3	4

**Weather summary / Alert:** Since dry weather condition is prevails, irrigation of crops can be continued as per requirement. Below normal rainfall is expected in Kerala.

### B. Agrometeorological Advisories for crop protection & management

#### General and Agrometeorological Advisories for Thrissur District

**General Advisory:** - Prophylactic measures can be taken to control and to avoid the spread of crop pest and diseases. Since there is a chance of dry weather condition due to strong wind and high evaporation, crops should be irrigated, when required. Since the wind speed may increase, give strong propping to banana and staking to vegetables. Proper mulching can be followed to conserve soil moisture.

Crop	Pest/ Disease, Crop Management	Agromet Advisory
Rice(Mundakan) Maturity stage	-	Harvesting can be done in matured paddy fields
Puncha rice (Seedling stage)	Crop Management	Transplant seedlings at 4 to5 leaf stage. The root of seedlings should be soaked for 30 minutes in a solution of <i>Pseudomonas</i> culture @10g per one liter of water to control sheath blight, sheath rot, leaf spot disease etc. in future.
Banana & Coconut	Irrigation	Since dry and hot weather condition is prevailed, provide irrigation to banana and coconut plants as per requirement. Mulching can be practiced to conserve soil moisture.
Arecanut	Management	The wood of arecanut tree can be protected from hot sun by painting white or tying with arecanut leaf sheath.

**Animal Husbandry:** Pets, domestic animals and birds should be provided with adequate drinking water and protection from the sun and heat. Adequate ventilation should be arranged in their living space. Do not let the cattle graze during hot weather. (CAADECCS, KVASU, Mannuthy).