



Agromet Advisory Bulletin for PALAKKAD District

(Valid from 20.11.2024 to 24.11.2024)

*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 | 20.11.2024 | 21.11.2024 | 22.11.2024 | 23.11.2024 | 24.11.2024 |
|-------------------------------|------------|------------|------------|------------|------------|
| Rainfall (mm) | 0.1 | 1 | 0.1 | 0.1 | 0.1 |
| Maximum temperature (°C) | 32 | 32 | 32 | 32 | 32 |
| Minimum temperature (°C) | 26 | 26 | 26 | 26 | 26 |
| Maximum Relative Humidity (%) | 84 | 84 | 84 | 84 | 84 |
| Minimum Relative Humidity (%) | 70 | 70 | 70 | 70 | 70 |
| Wind speed (kmph) | 3 | 3 | 3 | 3 | 3 |
| Wind direction (deg) | 50 | 70 | 70 | 90 | 90 |
| Total cloud cover (octa) | 3 | 3 | 2 | 3 | 2 |

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

B. Agrometeorological Advisories for crop protection & management

C. General and Agro meteorological Advisories

Prophylactic measures can be taken to control and to avoid the spread of crop pest and diseases. As the rain is decreasing proper mulching can be followed to conserve soil moisture.

| Crop | Pest/ Disease, Crop Management | Agromet Advisory |
|------------------------------------|--------------------------------|--|
| Rice (Mundakan) Tillering stage | Leaf folder | There is a chance of Leaf folder attack in Mundakan Paddy. It can be controlled by using trichogramma cards (2CC per one acre). Cut the cards in to small pieces and fix in different regions of the field. If the attack is severe, spray Chlorantraniliprole @ 3ml per ten litre of water. |
| | Bacterial Leaf blight | To control and prevent Bacterial Leaf blight in paddy, dissolve 20 g of cow dung in one liter of water and spray the supernatant liquid by mixing with 20g of pseudomonas. If the attack is severe spray 6 g of Streptocycline in 30 liter of water. |
| Banana | Rhizome rot | 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). |
| Chilli | Thrips | There is a chance of thrips attack in chilli. Apply 2% neem oil+ garlic emulsion under the leaf surface at 10 days intervals. If the attack is severe, apply spiromecifen 8 ml per ten litre of water. |

Animal Husbandry: - Vaccinate animals against foot and mouth disease and hemorrhagic septicemia. If needed give medicine against worm infestation after dung examination. (CAADECCS, KVASU, Mannuthy).