



Agromet Advisory Service Bulletin for Pathanamthitta District

(Issued jointly by AMFU, RARS Vellayani, Kerala Agricultural University &
India Meteorological Department)

Based on Ensemble Weather forecast by IMD



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WEATHER FORECAST FOR THE NEXT FIVE DAYS

| Weather parameters | 27/08/2025 | 28/08/2025 | 29/08/2025 | 30/08/2025 | 31/08/2025 |
|-------------------------------|--|------------|------------|------------|------------|
| Rainfall (mm) | 0.2 | 3 | 4 | 2 | 1 |
| Maximum temperature(°C) | 33 | 32 | 32 | 32 | 32 |
| Minimum temperature (°C) | 24 | 24 | 24 | 24 | 24 |
| Maximum Relative Humidity (%) | 87 | 90 | 90 | 90 | 90 |
| Minimum Relative Humidity (%) | 70 | 80 | 80 | 80 | 80 |
| Wind speed (kmph) | 3 | 3 | 3 | 3 | 3 |
| Wind direction (deg) | 270 | 270 | 270 | 270 | 270 |
| Total cloud cover (octa) | 8 | 8 | 8 | 8 | 8 |
| WEATHER SUMMERY ALERT | There is a chance of very light rainfall in isolated places of the district. Cumulatively below normal rainfall is likely over kerala. | | | | |
| GENERAL ADVISORY | To prevent dehydration, drink plenty of water at regular intervals. With increased evaporation and persistent dry atmospheric conditions, ensure timely irrigation for crops and maintain adequate soil moisture levels. | | | | |

AGRO-METEOROLOGICAL ADVISORIES

| Crop | Pest/ Disease | Advisory |
|-----------------|--|--|
| Paddy | Stem borer | To control stem borer in paddy, apply <i>Trichogramma japonicum</i> (5cc/ ha) at weekly intervals from 15- 30 days after transplantation or 25-30 days after sowing. Broadcast of Fipronil 0.3 G(5 kg/acre) also recommended |
| Banana | Boron Deficiency | As a prophylactic measure against Boron deficiency in banana apply Borax (10 gram/plant or 4kg/ acre) into the soil. For immediate result spray Borax (1 gram/ litre of water as foliar spray. |
| Amaranth | Leaf Blight | Yellowish-brown patches are observed on the leaves. As the disease progresses, these patches merge, causing the leaves to appear scorched, and lesions become visible. To control this, dissolve 20 grams of fresh cow dung in one liter of water, filter the solution, and mix it with 20 grams of <i>Pseudomonas</i> dissolved in one liter of water. Spray this mixture on the affected plants. |
| Poultry | Provide plenty of drinking water to cattle. Avoid grazing in the peak hours of the day. Provide fan and proper ventilation in the shed | |