



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	19/08/2026	20/08/2026	21/08/2026	22/08/2026	23/08/2026
Rainfall (mm)	0.5	3	2	3	2
Maximum temperature(°C)	33	33	33	33	33
Minimum temperature (°C)	24	24	24	24	24
Maximum Relative Humidity (%)	85	85	85	85	85
Minimum Relative Humidity (%)	70	70	70	70	70
Wind speed (kmph)	4	3	4	5	3
Wind direction (deg)	270	290	290	290	320
Total cloud cover (octa)	3	3	4	3	3

There is a chance of light rainfall in the district.

WEATHER SUMMERY ALERT

GENERAL ADVISORY

- Harvest mature fruits and vegetables during suitable dry periods and keep harvested produce in clean, dry and well-ventilated places.
- In low-lying fields, monitor water levels regularly and take timely measures to drain excess water from the crop root zone.
- Avoid unnecessary field operations when the soil is excessively wet to prevent soil compaction and damage to the crop root system.

AGRO-METEOROLOGICAL ADVISORIES

Rice	➤ Rice bug infestation is commonly observed from the flowering to maturity stages of the crop. ➤ As a precautionary measure, keep the field and bunds free from weeds and grasses. If rice bug infestation is observed, spray fish-jaggery extract @ 20 ml per litre of water. ➤ In case of severe infestation, spray cypermethrin 10% EC @ 0.5 ml per litre of water. ➤ As rice bug infestation coincides with the flowering stage, insecticide application should preferably be carried out before 9:00 AM or after 3:00 PM to minimize adverse effects on pollination.
Banana	➤ Leaf-eating caterpillars are commonly observed feeding on tender banana leaves. They can be controlled by spraying <i>Beauveria bassiana</i> @ 20 g per litre of water. ➤ In case of severe infestation, spray flubendiamide 39.35 SC @ 2 ml per 10 litres of water or chlorantraniliprole 18.5 SC @ 3 ml per 10 litres of water.

Vegetables

- In vegetable crops, the earliest characteristic symptom of magnesium deficiency is interveinal chlorosis (yellowing between the veins) of older leaves.
- Magnesium deficiency can be corrected by spraying magnesium sulphate @ 2–5 g per litre of water.
- Do not mix magnesium sulphate with potassium-containing fertilizers, as they may be incompatible.