



## 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	19/07/2025	20/07/2025	21/07/2025	22/07/2025	23/07/2025
Rainfall (mm)	20	40	30	15	13
Maximum temperature(°C )	30	30	30	30	30
Minimum temperature (°C )	23	23	23	23	23
Maximum Relative Humidity (%)	92	92	92	92	92
Minimum Relative Humidity (%)	88	88	88	88	88
Wind speed (kmph)	5	5	4	3	3
Wind direction (deg)	320	320	320	320	290
Total cloud cover (octa)	8	8	8	8	8
<b>WEATHER SUMMERY ALERT</b>	There is a chance of heavy rainfall in isolated places of the district. Cumulatively above normal rainfall is likely over kerala.				
<b>GENERAL ADVISORY</b>	Proper drainage facilities should be ensured. Propping of banana plants is recommended, along with additional support for the pandals. Pesticides should not be applied during the rainy period. Adopt proper mulching techniques to retain soil moisture				

### AGRO-METEOROLOGICAL ADVISORIES

Crop	Pest/ Disease	Advisory
<b>Rice (virippu)</b>	Leaf folder	There is a chance of leaf folder attack in Paddy. It can be controlled by using <i>Trichogramma</i> 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 quinalphos @ 2ml per one liter of water.
<b>Cowpea</b>	Fusarium Wilt	Wilt disease caused by <i>Fusarium</i> is likely to occur in cowpea. To control it, dissolve 2 grams of Bavistin in one liter of water and drench the soil thoroughly at 15-day intervals. The application of Trichoderma-enriched organic manure in the planting basin is also recommended. Severely affected plants should be uprooted and destroyed
<b>Banana</b>	Sigatoka leaf spot disease	As a prophylactic measure to sigatoka leaf spot disease, spray 20g of <i>pseudomonas</i> in one litre of water. If sigatoka attack is seen, spray 1 ml hexaconazole or 1 ml propiconazole per 1 litre of water on both the surface of the leaf.
<b>Livestock</b>	Care should be taken to prevent rat breeding in the premises of cattle shed to prevent leptospyrosis	