



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	02/07/2025	03/07/2025	04/07/2025	05/07/2025	06/07/2025
Rainfall (mm)	2	1	0.5	1	0.2
Maximum temperature(°C)	32	32	32	32	32
Minimum temperature (°C)	24	24	24	24	24
Maximum Relative Humidity (%)	90	90	90	90	90
Minimum Relative Humidity (%)	78	78	78	78	78
Wind speed (kmph)	3	3	3	4	4
Wind direction (deg)	290	320	320	320	290
Total cloud cover (octa)	5	6	6	5	5
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	Ensure proper drainage in the fields and provide propping for banana plants. Reinforce vegetable pandals adequately, and adopt proper mulching techniques to retain soil moisture.				

AGRO-METEOROLOGICAL ADVISORIES

Crop	Pest/ Disease	Advisory
Rice (virippu)	Bactrial leaf blight	As a preventive measure against bacterial leaf blight, mix 20 grams of cow dung in one litre of water, extract the clear filtrate, and add 20 grams of <i>Pseudomonas fluorescens</i> to it. This mixture can then be sprayed on the crop. To prevent the spread of the disease, apply bleaching powder at the rate of 2 kg per acre by placing 20 small packets, each containing 100 grams, in the irrigation channels. If the disease becomes severe, dissolve 6 grams of Streptocycline in 30 litres of water and spray it on the crop
Ginger	Soft rot	If rhizome rot is observed in ginger, uproot and remove the affected plants, and drench the area with a solution of 2 grams of copper oxychloride per litre of water. To prevent the spread of the disease, apply a mixture of 15 grams of bleaching powder and 250 grams of cow dung per 3 square metre bed.
Cowpea	Anthracnose	There is a chance of Anthracnose disease in Cowpea. As a prophylactic measure, apply 1% Bordeaux mixture or spray pseudomonas 20 gm per liter.
Livestock	To prevent hoof rot and hoof injuries, avoid allowing animals to graze in waterlogged areas. Stay vigilant against external parasites such as flies, lice, and ticks.	