

Agromet Advisory Bulletin for the Kottayam District

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(Issued jointly by AMFU-Regional Agricultural Research Station, Kumarakom, Kerala Agricultural University & India Meteorological Department.)

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Weather summary of preceding week- (23/01/25- 27/01/25)	Weather forecast for the next 5 days (29/01/25- 02/02/25)
During the preceding week, the maximum temperature was 37.0°C and the minimum temperature was 19.2°C. Relative humidity of 47-90 % was experienced. Speed of westerly winds was up to 2-4 km. No rainfall was received in Kottayam district during the week.	Dry weather expected for the next five days in Kottayam district. The maximum temperature this week will be 37.0°C and the minimum temperature will be 21.0°C. The atmospheric humidity will be between 50% and 90%. Westerly wind speed is likely to reach 3-8 km/h.

C. Agro meteorological Advisories

Crop	Stage	Agro meteorological Advisories
General recommendations		Summer is coming more fiercely. By following micro-irrigation practices, the available water can be used to irrigate more areas for more days. Techniques like drip irrigation can be emphasized. Use mulching to prevent water loss.
Coconut	Growth stage	For the control of red palm weevil, traps of fermented alcohol or pineapple can be made and the insects thus trapped can be killed using any insecticides.
Banana	Vegetative	Severe mite attack is observed during summer season. They suck the sap from undersurface of leaf. Severely attacked leaves must be removed and burnt. Apply wettable Sulphur 3g in 1 L water and apply under the leaf.
Nutmeg	Growth stage	Premature splitting of the pericarp in nutmeg is observed due to the deficiency of potash and the micronutrient boron. Water scarcity is also a reason for fruit drop in nutmeg. Provide irrigation at the rate of 200 liters per tree. Apply borax @ 25 g per plant.
Rice	Growth stage	In paddy fields where harvesting is over and water is available farmers can go for summer vegetable cultivation.
Pepper	Growth stage	Do not allow healthy vines to trail on the ground. Irrigating pepper plants from Nov/ Dec to the end of March and withholding irrigation thereafter till monsoon break, increases pepper yield by 50 per cent.