



Agromet Advisory Bulletin for Thrissur District

(Valid from 13.7.2022 to 17.07.2022)

Prepared by the Department of Agricultural Meteorology, Kerala Agricultural University, COA, Vellanikkara
based on the medium range weather forecast of India Meteorological Department (IMD), New Delhi

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dated 12.7.2022

A. Significant weather for the preceding week at vellanikkara

Rainfall (mm)	Maximum Temp.(°C)	Minimum Temp.(°C)	RH FN (%)	RH AN (%)	Wind speed (Km/h)	Sun shine hours	Evap. (mm)
(257)	(25.2-29.3)	(22.5-23.4)	(93-99)	(76-98)	(1.0-2.7)	(0.0-1.4)	(1.1-2.1)

B. Medium range weather forecast of IMD for next five days

Weather parameters	13.07.2022	14.07.2022	15.07.2022	16.07.2022	17.07.2022
Rainfall (mm)	15	22	25	21	11
Maximum temperature (°C)	30	30	30	30	32
Minimum temperature (°C)	24	25	25	25	25
Maximum Relative Humidity (%)	99	99	99	99	99
Minimum Relative Humidity (%)	85	85	85	85	85
Wind speed (kmph)	6	8	6	5	6
Wind direction (deg)	320	270	290	320	320
Total cloud cover (octa)	8	8	8	8	8

Weather summary / Alert: Moderate rainfall is expected in the district and heavy rainfall is expected in isolated places. Above normal rainfall is expected in Kerala.

RAINFALL FORECAST FOR NEXT FIVE DAYS

2022 July 13	2022 July 14	2022 July 15	2022 July 16	2022 July 17
Light rain	Moderate rain	Moderate rain	Moderate rain	Light rain

C. General and Agrometeorological Advisories for Thrissur District

Special crop management is required for agricultural crops during monsoon season. Proper drainage facilities have to be ensured. If the soil is more acidic, add lime as per soil testing. Pesticides should not be applied during rain.

Crop	Pest/ Disease	Crop/ Animal Advisory
Paddy (Virippu)	Seedling stage	As a prophylactic measure to manage sheath blight, sheath rot, leaf spot disease, spray 20g of pseudomonas in one litre of water.
Coconut	Management	One kilogram lime can be applied per one matured palm by opening the coconut basin.
Banana	Sigatoka leaf spot disease	Ensure drainage facilities in low land banana plantations. As a prophylactic measure to sigatoka leaf spot disease, spray 1% Bordeaux mixture. If Sigatoka attack is seen, spray one milli litre hexaconazole or one milli litre propiconazole per one liter of water on both the surface of the leaf. Pesticides should not be applied during rain.
Pepper	Foot rot	Proper drainage facilities have to be ensured. As a prophylactic measure to manage foot rot during rainy season, add 2 kg Trichoderma to a mixture of 90 kg FYM & 10 kg neem cake and kept for two weeks with sufficient moisture. Add 2.5 kg of this mixture to each matured vine to control foot rot of pepper.
Animal Husbandry <small>(CAADECCS, KVASU, Mannuthy).</small>	Don't allow the animals to water logged areas to avoid anthrax and foot lesions.	