



Agromet Advisory Bulletin for Thrissur District

(Valid from 15.6.2022 to 19.6.2022)

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 14.6.2022

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)
(61.3)	(29.9-32.6)	(22.9-25.2)	(90-98)	(58-75)	(1.2-2.1)	(0.0-8.7)	(2.3-3.8)

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

Weather parameters	15.6.2022	16.6.2022	17.6.2022	18.6.2022	19.6.2022
Rainfall (mm)	10	15	18	12	10
Maximum temperature (°C)	33	31	31	31	30
Minimum temperature (°C)	23	23	23	23	23
Maximum Relative Humidity (%)	88	88	88	88	88
Minimum Relative Humidity (%)	70	70	70	70	70
Wind speed (kmph)	3	3	3	3	3
Wind direction (deg)	290	320	290	250	230
Total cloud cover (octa)	5	8	8	8	8

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

RAINFALL FORECAST FOR NEXT FIVE DAYS

2022 June 15	2022 June 16	2022 June 17	2022 June 18	2022 June 19
light rain	light rain	Moderate rain	light 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
Pepper	Quick wilt	As a prophylactic measure to control quick wilt of pepper, proper drainage facilities have to be ensured during rainy season. Add 2.5 kg of trichoderma enriched FYM to each matured vine. (The trichoderma enriched FYM can be prepared by adding two kilogram of trichoderma to a mixture of 90 kg FYM and 10 kg neem cake and by keeping for two weeks with sufficient moisture)
Banana	Sigatoka disease	There is a chance of sigatoka disease in banana during rainy season. As a prophylactic measure, proper drainage facilities have to be ensured and spray 20 gram of pseudomonas per one liter of water during non rainy period.
Paddy (Virippu)	Land preparation to transplanting	During rainy period there is a chance of sheath blight, sheath rot, leaf spot disease etc. As a prophylactic measure, either soak one kg of paddy seeds or dip root of seedlings in a solution of <i>Pseudomonas</i> culture @10gram of <i>Pseudomonas</i> culture per one litre of water for 30 minutes.
Animal Husbandry (CAADECCS, KVASU, Mannuthy).		Avoid waterlogged area for construction of poultry shed. Extend overhanging roof in order to avoid rainwater falling inside the shed.