



## Agromet Advisory Bulletin for Thrissur District

(Valid from 27.07.2024 to 31.07.2024)

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 26.07.2024**

Observed weather during last week (Dated 20 <sup>th</sup> July to 26 <sup>th</sup> July 2024)							Weather Parameters		Weather Forecast Valid for 27 <sup>th</sup> July to 31 <sup>st</sup> July 2024				
20/07	21/07	22/07	23/07	24/07	25/07	26/07	Date		27/07	28/07	29/07	30/07	31/07
17.0	5.7	0.0	11.2	45.1	56.7	41.9	Rainfall (mm)		22	15	24	12	16
30.0	30.0	31.4	30.3	30.9	30.3	29.0	T <sub>max</sub> ( <sup>0</sup> C)		30	30	30	30	31
24.0	25.4	23.1	23.6	23.7	23.4	24.0	T <sub>min</sub> ( <sup>0</sup> C)		24	24	24	24	24
Overcast	Partly cloudy	Cloudy	Cloudy	Cloudy	Overcast	Cloudy	AM	Cloud cover	Overcast	Overcast	Overcast	Overcast	Overcast
Cloudy	Cloudy	Overcast	Cloudy	Cloudy	Overcast	PM							
97	93	95	98	98	98	98	83RH-I (%)		95	95	95	95	95
79	72	95	79	80	95		RH-II (%)		85	85	85	80	85
2.2	2.7	2.9	1.1	2.0	1.3	1.4	Wind Speed (km/hr.)		8	9	12	8	9
SSW	SSW	C	C	WSW	C	C	AM	Wind direction	NW	NNW	WNW	WNW	NNW
SSW	NW	C	SSW	ENE	C	PM							
Rainfall (mm) in last week				Rainfall (mm) from 01/01/2024 to till dated			Rainfall (mm) from 01/06/2024 to today						
177.6				1942.6			1311.8						

Weather summary / Alert:- As per the forecast of IMD, there is a chance of moderate rainfall in the district. Above normal rainfall is expected in Kerala.

### 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 rainy period. Provide supports to banana crops. Make the vegetable pandals stronger. To protect farmers and livestock from lightning and thunder avoid standing in open areas.

Crop		Crop/ Animal Advisory
Rice (virippu) Tillering stage	Bacterial Leaf blight	During rainy season, to control and prevent Bacterial Leaf blight in paddy, dissolve 20 g of cow dung in one liter of water and spray the supernatant liquid by mixing with 20g of pseudomonas. If the attack is severe spray 6 g of Streptocycline in 30 liter of water. Pesticides should not be applied during rain.
Nutmeg	Leaf fall	During rainy season, there is a chance of leaf fall disease in nutmeg, As a prophylactic measure spray 1% bordeaux mixture. Pesticides should not be applied during rain.
Banana	Rhizome rot	During rainy season, there is a chance of Rhizome rot in banana. As a prophylactic measure, drench the basin with 3 litre of pseudomonas solution (20g per one liter of water).

Animal Husbandry: Cattle feed should be stored on a wooden board or iron board. If moisture is in the cattle feed it may cause deadly fungal growth. Foot and mouth disease (FMD) vaccination has to be given to the animal. If leg lameness or fever was observed, immediate medical attention should be given. (CAADECCS, KVASU, Mannuthy)