



## Agromet Advisory Bulletin for Thrissur District

(Valid from 26.07.2023 to 30.07.2023)

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 25.07.2023

Observed weather during last week (Dated 19 <sup>th</sup> July to 25 <sup>th</sup> July 2023)							Weather Parameters		Weather Forecast Valid for 26 <sup>th</sup> July to 30 <sup>th</sup> July 2023)				
19/07	20/07	21/07	22/07	23/07	24/07	25/07	Date		26/07	27/07	28/07	29/07	30/07
9.2	11.5	0.0	0.0	64.7	51.0	76.1	Rainfall (mm)		18	18	8	11	5
31.1	29.0	30.9	31.0	27.9	27.0	25.9	T <sub>max</sub> ( <sup>0</sup> C)		26	26	26	26	26
23.5	24.6	25.2	23.1	23.2	21.5	22.0	T <sub>min</sub> ( <sup>0</sup> C)		22	22	22	22	22
Overcast	Cloudy	Overcast	Overcast	Overcast	Overcast	Overcast	AM	Cloud cover	Overcast	Overcast	Overcast	Partially Cloudy	Cloudy
Cloudy	Cloudy	Overcast	Overcast	Overcast	Overcast	PM							
93	99	95	93	99	99	96	RH-I (%)		88	90	90	88	90
80	69	69	87	92	98		RH-II (%)		72	70	72	70	72
2.9	1.8	2.9	3.1	0.6	0.7	0.6	Wind Speed (km/hr.)		7	8	7	7	6
C	C	C	WSW	C	WSW	W	AM	Wind direction	W	WNW	WNW	WNW	WNW
SW	ESE	NW	C	NNW	C	PM							
Rainfall (mm) in last week				Rainfall (mm) from 01/01/2023 to till dated			Rainfall (mm) from 01/06/2023 to today						
212.5				1056.5			922.9						

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

### 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. Propping of banana plants is recommended. Additional support for vegetable pandals should be strengthened. Pesticides should not be applied during rainy period.

Crop	Pest/ Disease	Crop/ Animal Advisory
Paddy (virippu) Tille ring stage	Bacterial Leaf blight	During rainy season, there is a chance of Bacterial Leaf blight in rice. As a prophylactic measure, spray 20g of pseudomonas in one litre of water. 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). Pesticides should not be applied during rain.
Pepper	Quick wilt	Proper drainage facilities have to be ensured. As a prophylactic measure to control quick wilt of pepper, add 2 kg Trichoderma to a mixture of 90 kg FYM and 10 kg neem cake and kept for two weeks with sufficient moisture. Add 2.5 kg of this mixture to the base of each matured pepper vine.
Nutmeg	Leaf fall	As a precautionary measure to manage leaf fall in nutmeg, spray 1% Bordeaux mixture. Pesticides should not be applied during rainy period. Proper drainage facilities have to be ensured

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. (CAAECCS, KVASU, Mannuthy).