



## Agromet Advisory Bulletin for Thrissur District

(Valid from 05.08.2023 to 09.08.2023)

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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Observed weather during last week (Dated 26 <sup>th</sup> July to 04 <sup>th</sup> August 2023)							Weather Parameters		Weather Forecast Valid for 05 <sup>th</sup> August to 09 <sup>th</sup> August 2023)				
29/07	30/07	31/07	01/08	02/08	03/08	04/08	Date		05/08	06/08	07/08	08/08	09/08
0.5	0.0	0.8	12.3	0.0	0.0	3.9	Rainfall (mm)		4	4	5	5	4
30.6	31.5	31.4	31.4	31.9	31.7	31.4	T <sub>max</sub> ( <sup>0</sup> C)		32	32	32	32	32
23.7	23.6	24.0	24.0	24.4	24.9	23.4	T <sub>min</sub> ( <sup>0</sup> C)		24	24	24	24	24
Cloudy	Cloudy	Cloudy	Partially Cloudy	Cloudy	Cloudy	Cloudy	AM	Cloud cover	Overcast	Cloudy	Overcast	Overcast	Overcast
Partially Cloudy	Cloudy	Partially Cloudy	Partially Cloudy	Partially Cloudy	Cloudy		PM						
95	95	93	97	95	96	95	RH-I (%)		90	92	94	95	87
65	68	70	65	67	67		RH-II (%)		71	75	78	80	68
2.0	2.4	2.3	2.1	2.1	1.9	2.2	Wind Speed (km/hr.)		3	4	4	3	3
C	C	C	C	C	C	C	AM	Wind direction	NW	WNW	NW	WNW	WNW
N	WSW	W	NW	WSW	WNW		PM						
Rainfall (mm) in last week				Rainfall (mm) from 01/01/2023 to till dated			Rainfall (mm) from 01/06/2023 to today						
17.5				1093.4			959.8						

Weather summary / Alert: As per the forecast of IMD, intensity of rainfall is expected to decrease in the district. Below 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) Tillering 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.
	-	Chemical fertilizers at the rate of 15 kg of urea and 8 kg of potash can be applied to one acre of paddy field during tillering stage.
Coconut	-	25 to 50 kilogram of organic manure can be applied per one matured palm during rainy season by opening the coconut basin.
Ginger	Pythium soft rot	To prevent Pythium soft rot caused by the fungus Pythium on ginger, the affected plants should be uprooted and drench the soil with copper oxychloride 3 gram per one litre 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. If leg lameness or fever was observed in cattle, Immediate medical attention should be given. (CAADECCS, KVASU, Mannuthy).