



## Agromet Advisory Bulletin for Thrissur District

(Valid from 26.08.2023 to 30.08.2023)

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 19 <sup>th</sup> August to 25 <sup>th</sup> August 2023)							Weather Parameters		Weather Forecast Valid for 26 <sup>th</sup> August to 30 <sup>th</sup> August 2023)					
19/08	20/08	21/08	22/08	23/08	24/08	25/08	Date			26/08	27/08	28/08	29/08	30/08
1.2	2.0	0.4	0.0	0.0	0.0	0.0	Rainfall (mm)		0	0	0	0	0	
31.9	30.9	32.2	33.0	33.5	34.0	33.0	T <sub>max</sub> ( <sup>0</sup> C)		33	33	33	33	33	
23.4	23.4	24.4	25.0	25.3	24.0	23.7	T <sub>min</sub> ( <sup>0</sup> C)		24	25	25	24	24	
Cloudy	Partially cloudy	Cloudy	Cloudy	Partially cloudy	Cloudy	Partially cloudy	AM	Cloud cover	Cloudy	Partially cloudy	Partially cloudy	Partially cloudy	Cloudy	
Cloudy	Partially cloudy	Partially cloudy	Partially cloudy	Partially cloudy	Partially cloudy	PM								
93	98	95	93	95	93	90	RH-I (%)		85	85	82	83	85	
75	63	61	57	50	59		RH-II (%)		60	65	70	70	65	
1.2	0.5	1.5	1.7	1.6	1.6	1.4	Wind Speed (km/hr.)		7	5	4	5	6	
C	C	G	C	C	C	C	AM	Wind direction	W	W	WNW	WNW	NW	
W	NW	WNW	WNW	WNW	WNW	PM								
Rainfall (mm) in last week				Rainfall (mm) from 01/01/2023 to till dated			Rainfall (mm) from 01/06/2023 to today							
3.6				1102.3			968.9							

Weather summary / Alert: As per the forecast of IMD, there is less chance of rainfall in the district. Below normal rainfall is expected in Kerala.

### C. General and Agrometeorological Advisories for Thrissur District

Prophylactic measures to control crop pest & diseases can be taken to avoid their spread. Proper mulching can be followed to conserve soil moisture.

Crop	Pest/ Disease	Crop/ Animal Advisory
Paddy (virippu) Panicle Emergence stage	Bacterial Leaf blight	As a prophylactic measure to manage Bacterial Leaf Blight (B L B), dissolve 20 g of cow dung in one litre of water and spray the supernatant liquid by mixing with 20g of pseudomonas. Apply bleaching powder @ 20 bags of 100 gm each for one acre in the irrigation channels to prevent the spreading of disease. Spry antibiotics viz. 6 g of streptocycline in 30 litre of water in severe cases.
Coconut	-	Since air temperature is increasing, it is a desirable practice to bury fresh or dried coconut husk around the palm to conserve soil moisture. The husk can be buried either in linear trenches taken 3 meter away from the trunk between rows of palms or in circular trenches taken around the palm at a distance of 2 meter from the trunk. The trenches may be of 0.5 meter width and depth. The husks are to be placed in layers with concave surface facing upwards and covered with soil. The beneficial effect of husk burial will last for about 5 to 7 years. Instead of husk, coir pith can be buried @ 25 kg/palm/year.
Pepper	-	Mulching the pepper bed using dry leaves will effectively preserves and maintains soil moisture levels.

Animal Husbandry: - Ensure sufficient supply of clean drinking water to the animals. Deworming of animals should be done after microscopical examination of dung sample in a veterinary hospital. (CAAECCS, KVASU, Mannuthy).