



## Agromet Advisory Bulletin for Thrissur District

(Valid from 22.07.2023 to 26.07.2023)

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

**AAS Bulletin No: 29/2023, (58) Friday** **dated 21.07.2023**

Observed weather during last week (Dated 15 <sup>th</sup> July to 21 <sup>st</sup> July 2023)							Weather Parameters		Weather Forecast Valid for 22 <sup>nd</sup> July to 26 <sup>th</sup> July 2023)				
15/07	16/07	17/07	18/07	19/07	20/07	21/07	Date		22/07	23/07	24/07	25/07	26/07
1.0	0.0	0.4	16.1	9.2	11.5	0.0	Rainfall (mm)		6	3	18	2	3
31.5	31.5	31.2	30.8	31.1	29.0	30.9	T <sub>max</sub> ( <sup>0</sup> C)		32	31	33	33	33
24.0	24.9	24.6	24.2	23.5	24.6	25.2	T <sub>min</sub> ( <sup>0</sup> C)		25	24	24	24	24
Partially Cloudy	Cloudy	Overcast	Cloudy	Overcast	Cloudy	Overcast	AM	Cloud cover	Overcast	Overcast	Overcast	Overcast	Overcast
Partially Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	PM							
92	97	97	98	93	99	95	RH-I (%)		98	98	98	96	98
73	69	84	73	80	69		RH-II (%)		75	78	82	78	75
1.5	1.3	1.3	1.0	2.9	1.8	2.9	Wind Speed (km/hr.)		12	12	8	12	6
C	C	C	C	C	C	C	AM	Wind direction	WNW	NW	WNW	NW	NW
W	NNW	C	SSW	SW	ESE	PM							
Rainfall (mm) in last week				Rainfall (mm) from 01/01/2023 to till dated			Rainfall (mm) from 01/06/2023 to today						
38.2				864.7			731.1						

Weather summary / Alert: As per the forecast of IMD, there is a chance of light rainfall in the district and Moderate 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
Rice (virippu) Seedling stage	-	Chemical fertilizers at the rate of 30 kg of urea, 70 kg of rajphos and 8 kg of potash per acre can be applied as base fertilizer for short duration varieties.
Banana	-	Apply 65 gms urea and 110 gms potash per banana plant one week after bunch emergence.
Vegetables (Cowpea )	Anthracnose disease	During rainy season, there is a chance of Anthracnose disease in Cowpea. As a prophylactic measure, apply 1% Bordeaux mixture or spray pseudomonas 20 gm per one litre of water. Pesticides should not be applied during rain.
Cucurbitaceous Vegetables	Downy mildew	During rainy season, there is a chance of downy mildew attack in cucurbitaceous vegetables. Spray 2.5gm Mancozeb per one litre of water under the leaves. Pesticides should not be applied during rainy period.

Animal Husbandry: - Sundry the cattle feed frequently to avoid fungal growth. Give foot and mouth disease (FMD) vaccination to the animal. Don't allow the animals go to water logged areas in order to avoid anthrax and foot lesions. (CAAECCS, KVASU, Mannuthy).