



## Agromet Advisory Bulletin for Thrissur District

(Valid from 05.07.2023 to 09.07.2023)

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: 27/2023, (53) Tuesday** **dated 04.07.2023**

Observed weather during last week (Dated 28 <sup>th</sup> June to 04 <sup>th</sup> July 2023)							Weather Parameters		Weather Forecast Valid for 05 <sup>th</sup> July to 09 <sup>th</sup> July 2023)				
28/06	29/06	30/06	01/07	02/07	03/07	04/07	Date		05/07	06/07	07/07	08/07	09/07
58.6	9.2	5.5	4.9	3.4	23.2	35.0	Rainfall (mm)		50	18	15	15	12
27.5	31.0	30.4	32.0	32.4	31.8	27.0	T <sub>max</sub> ( <sup>0</sup> C)		27	29	30	30	30
22.8	23.2	23.6	24.5	24.6	23.4	22.6	T <sub>min</sub> ( <sup>0</sup> C)		24	24	24	24	24
Partially Cloudy	Overcast	Partially Cloudy	Cloudy	Cloudy	Cloudy	Overcast	AM	Cloud cover	Overcast	Overcast	Overcast	Overcast	Overcast
Cloudy	Cloudy	Partially Cloudy	Cloudy	Cloudy	Overcast	PM							
96	95	93	93	95	98	97	RH-I (%)		98	95	95	93	93
80	73	67	63	79	97		RH-II (%)		78	78	80	80	78
1.8	1.6	0.8	1.8	1.8	1.6	1.1	Wind Speed (km/hr.)		12	12	6	5	8
C	SSW	C	C	C	C	C	AM	Wind direction	W	W	W	W	WNW
SW	C	NNE	WNW	WSW	C	PM							
Rainfall (mm) in last week				Rainfall (mm) from 01/01/2023 to till dated			Rainfall (mm) from 01/03/2023 to today						
139.8				476.2			476.24						

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. 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 the banana plants recommended. Additional support of the pandals recommended. Pesticides should not be applied during rainy period.

Crop	Pest/ Disease	Crop/ Animal Advisory
Rice (virippu) Seedling stage	-	The micronutrient deficiency of paddy can be managed by spraying 10 gram of paddy sampurna in one liter of water.
Banana	Sigatoka disease	There is a chance of sigatoka leaf spot disease in banana. As a prophylactic measure, spray 1% Bordeaux mixture. If Sigatoka attack is seen, spray one milli litre hexaconazole or one milli litre propiconazole per one liter of water on both surface of the leaf. Pesticides should not be applied during rainy period. Proper drainage facilities have to be ensured
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
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: - Don't allow the animals go to water logged areas in order to avoid anthrax and foot lesions. Care should be taken to prevent rat breeding in the premises of cattle shed to prevent leptospirosis. (CAADECCS, KVASU, Mannuthy).