



Agromet Advisory Bulletin for Thrissur District

(Valid from 02.08.2023 to 06.08.2023)

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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Dated 01.08.2023

Observed weather during last week (Dated 26 th July to 01 st August 2023)							Weather Parameters		Weather Forecast Valid for 02 nd August to 06 th August 2023)				
26/07	27/07	28/07	29/07	30/07	31/07	01/08	Date		02/08	03/08	04/08	05/08	06/08
11.5	6.1	1.8	0.5	0.0	0.8	12.3	Rainfall (mm)		6	7	6	5	4
28.0	27.3	30.5	30.6	31.5	31.4	31.4	T _{max} (⁰ C)		31	31	31	31	31
22.6	22.6	22.4	23.7	23.6	24.0	24.0	T _{min} (⁰ C)		24	24	24	24	24
Overcast	Partially Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Partially Cloudy	AM	Cloud cover	Overcast	Overcast	Overcast	Overcast	Overcast
Overcast	Cloudy	Cloudy	Partially Cloudy	Cloudy	Partially Cloudy	PM							
96	94	96	95	95	93	97	RH-I (%)		90	90	90	90	90
84	71	69	65	68	70		RH-II (%)		70	70	70	70	70
0.5	0.6	1.2	2.0	2.4	2.3	2.1	Wind Speed (km/hr.)		4	4	4	4	3
C	C	C	C	C	C	C	AM	Wind direction	WNW	WNW	WNW	NW	NW
SW	SW	WSW	N	WSW	W	PM							
Rainfall (mm) in last week				Rainfall (mm) from 01/01/2023 to till dated			Rainfall (mm) from 01/06/2023 to today						
33.0				1089.5			955.9						

Weather summary / Alert: As per the forecast of IMD, intensity of rainfall is expected to decrease in the district. 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).