



Agromet Advisory Bulletin for Thrissur District

(Valid from 20.08.2024 to 24.08.2024)

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 19.08.2024

Observed weather during last week (Dated 13 th August to 19 th August 2024)							Weather Parameters		Weather Forecast Valid for 20 th August to 24 th August 2024				
13/08	14/08	15/08	16/08	17/08	18/08	19/08	Date		20/08	21/08	22/08	23/08	24/08
0.0	39.8	0.2	0.0	9.0	9.2	3.4	Rainfall (mm)		4	5	17	2	1
32.7	34.5	30.5	31.4	32.3	29.6	32.0	T _{max} (⁰ C)		32	32	32	32	32
25.2	24.0	24.5	25.5	24.9	24.5	25.4	T _{min} (⁰ C)		24	24	25	25	25
Cloudy	Cloudy	Cloudy	Overcast	Overcast	Cloudy	Partly Cloudy	AM	Cloud cover	Overcast	Overcast	Overcast	Overcast	Overcast
Cloudy	Overcast	Cloudy	Cloudy	Overcast	Cloudy		PM						
89	95	93	93	96	95	95	RH-I (%)		95	90	95	95	95
75	80	76	74	83	75		RH-II (%)		80	80	75	75	75
2.0	1.9	2.2	1.4	2.7	1.4	1.8	Wind Speed (km/hr.)		7	11	12	8	5
C	C	C	C	C	C	C	AM	Wind direction	WSW	NW	WSW	NW	WSW
WSW	SSE	NNW	SSW	C	SW		PM						
Rainfall (mm) in last week				Rainfall (mm) from 01/01/2024 to till dated			Rainfall (mm) from 01/06/2024 to today						
61.6				2435.2			1804.4						

Weather summary / Alert: As per the forecast of IMD, there is a chance of moderate rainfall in isolated places of the district. Normal to above normal rainfall is expected in Kerala.

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. If the soil is more acidic, add lime as per soil testing. Pesticides should not be applied during rainy period. Provide supports to banana crops. Make the vegetable pandals stronger. To protect farmers and livestock from lightning and thunder avoid standing in open areas.

Crop		Crop/ Animal Advisory
Rice (virippu) Panicle initiation stage	Bacterial Leaf blight	To control and prevent bacterial leaf blight in paddy, dissolve 20 g of cow dung in one litre of water and spray the supernatant liquid by mixing with 20g of pseudomonas.
	Brown Plant Hopper (BPH)	There is a chance of brown plant hopper attack in rice. Spray 2 gram Thiamethoxam per ten litre of water.
Pepper	Quick wilt	As a prophylactic measure to control quick wilt of pepper, add 2 kg Trichoderma to a mixture of 90 kg FYM and 10 kg neem cake and kept for two weeks with sufficient moisture. Add 2.5 kg of this mixture to the base of each matured pepper vine
Nutmeg	Leaf fall	During rainy season, there is a chance of leaf fall in nutmeg. As a prophylactic measure to manage leaf fall in nutmeg, spray 1% Bordeaux mixture or drench the basin. 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: Vaccinate animals against foot and mouth disease. Care should be taken to prevent rat breeding in the premises of cattle shed to prevent leptospirosis. (CAADECCS, KVASU, Mannuthy)