



Agromet Advisory Bulletin for Thrissur District

(Valid from 28.08.2024 to 01.09.2024)

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 27.08.2024

Observed weather during last week (Dated 21 st August to 27 th August 2024)							Weather Parameters		Weather Forecast Valid for 28 th August to 01 st September 2024				
21/08	22/08	23/08	24/08	25/08	26/08	27/08	Date		28/08	29/08	30/08	31/08	01/09
12.8	1.2	0.0	23.2	4.9	0.6	2.4	Rainfall (mm)		5	4	18	9	3
31.8	29.4	32.0	32.5	31.8	31.5	31.8	T _{max} (⁰ C)		32	32	32	32	32
23.2	24.3	23.7	23.3	24.5	24.5	24.9	T _{min} (⁰ C)		25	25	25	24	25
Overcast	Cloudy	Partly Cloudy	Overcast	Cloudy	Cloudy	Cloudy	AM	Cloud cover	Overcast	Overcast	Overcast	Overcast	Overcast
Cloudy	Cloudy	Partly Cloudy	Cloudy	Cloudy	Cloudy	PM							
96	93	90	96	94	93	95	RH-I (%)		90	90	90	90	90
75	68	60	73	74	61		RH-II (%)		80	80	80	80	80
2.9	3.3	1.6	2.3	2.1	3.4	3.1	Wind Speed (km/hr.)		8	6	4	11	8
C	C	C	C	C	C	C	AM	Wind direction	WSW	WSW	WSW	W	WNW
SSW	WSW	SSW	SSW	SSE	SW	PM							
Rainfall (mm) in last week				Rainfall (mm) from 01/01/2024 to till dated			Rainfall (mm) from 01/06/2024 to today						
45.1				2482.8			1852.0						

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 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. If the attack is severe spray 6 g of Streptocycline in 30 liter of water.
	Rice bug	There is a chance of appearance of rice bug in paddy. To control spray fish jaggery extract (20 ml/litre of water) or spray chitin based Pseudomonas fluorescens 20 gram in one litre of water. If the attack is severe, spray Azadirachtin 10 ml or Malathion 2 ml per litre of water. Pesticides application should be done either before 9 am or after 3 pm. Otherwise, the pesticide application will adversely affect the pollination.
Banana	Rhizome rot	During rainy season, there is a chance of Rhizome rot in banana. As a prophylactic measure, drench the basin with 3 litre of pseudomonas solution (20g per one liter of water).
Vegetables (Cowpea)	Anthracnose disease	During rainy season, there is a chance of Anthracnose disease in Cowpea. To control spray Carbendazim one gram per one litre of water. Pesticides should not be applied during rain.

Animal Husbandry: - Take precautions to avoid ectoparasitic infestation. If fever, shivering, brown coloured urine, off feed etc. are noticed, consult veterinary doctor immediately. Ensure sufficient supply of clean drinking water to the animals. (CAAECCS, KVASU, Mannuthy).