



Agromet Advisory Bulletin for Thrissur District

(Valid from 28.02.2024 to 03.03.2024)

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 27.02.2024

Observed weather during last week (Dated 21 st February 2024 to 27 th February 2024)							Weather Parameters		Weather Forecast Valid for 28 th February to 03 rd March 2024				
21/02	22/02	23/02	24/02	25/02	26/02	27/02	Date		28/02	29/02	01/03	02/03	03/03
8.1	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)		0	0	0	0	0
37.0	34.6	34.7	35.1	34.5	36.5	35.5	T_{max}(°C)		36	36	36	36	36
25.1	24.6	23.1	23.5	24.4	24.8	26.2	T_{min}(°C)		26	26	26	25	25
Partially cloudy	Cloudy	Partially cloudy	Partially cloudy	Partially cloudy	Partially cloudy	Partially cloudy	AM	Cloud cover	Partially cloudy	Partially cloudy	Partially cloudy	Clear	Partially cloudy
Partially cloudy	Partially cloudy	Partially cloudy	Partially cloudy	Partially cloudy	Partially cloudy		PM		Partially cloudy	Partially cloudy	Partially cloudy	Clear	Partially cloudy
97	95	95	95	90	79	73	RH-I (%)		84	84	84	84	84
63	56	49	53	40	42		RH-II (%)		39	39	39	39	39
3.4	1.3	1.6	1.9	1.6	4.9	9.6	Wind Speed (km/hr.)		3	2	3	2	3
C	C	C	C	C	ENE	ESE	AM	Wind direction	NNE	SSW	W	WSW	WNW
SW	SSW	WNW	WNW	WNW	NNE		PM		NNE	SSW	W	WSW	WNW
Rainfall (mm) in last week				Rainfall (mm) from 01/01/2024 to till dated			Rainfall (mm) from 01/01/2024 to today						
8.1				132.2			132.2						

Weather summary / Alert: Maximum temperatures are very likely to be around 36°C in Thrissur, district during 27.02.2024 to 29.02.2024.

General and Agrometeorological Advisories for Thrissur District

The following are immediate steps to be followed to protect farmers, plants, and birds from the summer heat. Drink plenty of clean water from time to time to prevent dehydration. Avoid going out in hot weather to get rid of sunburn while going. Try to use a hat or an umbrella to prevent direct sunlight. Since dry and hot weather is prevailed, crops can be irrigated to ensure adequate soil moisture. Crops should not be irrigated during strong sunlight. Drip irrigation can reduce water loss to some extent.

Crop	Pest/ Disease	Crop/ Animal Advisory
Rice (Mundakan) Maturity stage	Brown Plant Hopper (BPH)	During high temperature, there is a chance of brown plant hopper attack in rice. Spray 2 gram Thiamethoxam per ten litre of water.
Banana	-	Due to potassium deficiency, banana leaves become yellow from outer edges to inwards and dries up and breaks off. As a remedy, potash-rich fertilizers can be applied.
Chilly	Mite	Since dry weather condition is prevailed, there is a chance of mites attack in chilly. Apply Spiromesifen 8 ml/10 L of water.

Animal Husbandry: - Pets, domestic animals and birds should be provided with adequate drinking water and should be protected from the solar radiation. Adequate ventilation should be arranged in their living space. Do not let the cattle graze during hot weather. (CAAECCS, KVASU, Mannuthy).