



Agromet Advisory Bulletin for Thrissur District

(Valid from 29.03.2024 to 02.04.2024)

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 Delh

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Dated 28.03.2024

Observed weather during last week (Dated 22 nd March 2024 to 28 th March 2024)							Weather Parameters		Weather Forecast Valid for 29 th March to 02 nd April 2024				
22/03	23/03	24/03	25/03	26/03	26/03	26/03	Date		29/03	30/03	31/03	01/04	02/04
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)		0.1	0	0	0	0
38.0	37.7	39.2	39.9	39.8	38.0	39.0	T _{max} (⁰ C)		39	39	39	39	39
26.7	26.0	26.7	25.7	26.1	26.4	26.3	T _{min} (⁰ C)		26	26	26	26	25
Cloudy	Partially cloudy	Cloudy	Partially cloudy	Partially cloudy	Partially cloudy	Partially cloudy	AM	Cloud cover	Overcast	Cloudy	Partially cloudy	Partially cloudy	Partially cloudy
Cloudy	Partially cloudy	Partially cloudy	Partially cloudy	Partially cloudy	Partially cloudy		PM						
86	82	92	87	90	86	89	RH-I (%)		78	78	78	78	78
39	28	23	23	57	29		RH-II (%)		60	60	60	60	60
3.9	3.4	2.8	2.7	3.3	2.1	2.9	Wind Speed (km/hr.)		2	4	2	2	4
ESE	C	C	SSE	C	NNE	C	AM	Wind direction	SW	W	SSW	WSW	W
C	NE	NW	SSE	SW	NNW		PM						
Rainfall (mm) in last week				Rainfall (mm) from 01/01/2024 to till dated				Rainfall (mm) from 01/03/2024 to today					
0.0				132.2				0.0					

Weather summary / Alert: Maximum temperatures are very likely to be around 39 °C in Thrissur district during 28.03.2024 to 01.04.2024.

SMS: As per the forecast of IMD, there is a chance of light rainfall in isolated places of the district. Normal rainfall is expected in Kerala.

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
Puncha rice (Panicle initiation stage)	-	High temperature may induce pollen sterility in late sown paddy. Keep Standing water in the field to avoid this.
Coconut & Arecanut	-	Since dry weather condition is prevailed, adequate irrigation should be provided to Coconut and Arecanut. Since air temperature is increasing, it is a desirable practice to bury fresh or dried coconut husk around the coconut palm to conserve soil moisture. It is desirable to apply lime (white colour) on the stem near the ground to protect from heat.
Tomato	Dropping of flowers	An increase in temperature results in the dropping of flowers in tomatoes. Tomatoes should be provided with minimal shade and deep irrigation.

Animal Husbandry: - Pets and domestic animals & birds should be provided with adequate fresh water and protection from the sun and heat. Adequate ventilation should be arranged in their living space. Do not let the cattle graze during hot weather. (CAADECCS, KVASU, Mannuthy).