



Agromet Advisory Bulletin for Thrissur District

(Valid from 06.04.2024 to 10.04.2024)

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 05.04.2024

Observed weather during last week (Dated 30 th March 2024 to 05 th April 2024)							Weather Parameters		Weather Forecast Valid for 06 th April to 10 th April 2024				
30/03	31/03	01/04	02/04	03/04	04/04	05/04	Date		06/04	07/04	08/04	09/04	10/04
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)		0	0	0.1	0.5	5
37.0	38.2	36.7	36.8	36.9	36.5	37.4	T _{max} (°C)		38	38	38	38	38
26.6	26.5	26.5	26.4	27.0	27.1	27.4	T _{min} (°C)		27	25	25	25	25
Partially cloudy	Partially cloudy	Partially cloudy	Partially cloudy	Partially cloudy	Partially cloudy	Partially cloudy	AM	Cloud cover	Cloudy	Cloudy	Cloudy	Cloudy	Overcast
Partially cloudy	Partially cloudy	Partially cloudy	Cloudy	Partially cloudy	Partially cloudy		PM						
92	89	87	85	85	85	86	RH-I (%)		76	76	76	76	76
53	50	51	51	57	55		RH-II (%)		66	66	66	66	66
2.1	2.4	2.3	2.5	2.3	2.4	2.5	Wind Speed (km/hr.)		2	3	2	2	2
C	NNE	C	C	C	C	C	AM	Wind direction	WSW	WSW	WSW	SSW	SW
SSW	NW	NNE	ENE	WNW	SSW		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 38 °C in Thrissur district during 05.04.2024 to 09.04.2024.

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

General and Agrometeorological Advisories for Thrissur District

The following are immediate steps to be followed to protect people, 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)	-	Ensure water availability in paddy fields. The micronutrient deficiency of paddy can be managed by spraying 10 gram of paddy samporna in one litter of water.
Banana	Mites	Since dry weather condition is prevailed, there is a chance of mites attack in banana. Apply wettable sulphur three gram per one litre of water.
Brinjal	White fly	During high temperature, there is a chance of white fly attack in brinjal. Apply 2% neem oil garlic emulsion or spray 20g <i>Lecanicillium lecanii</i> per one litre of water in ten days intervals.

Animal Husbandry: - During cloudy condition, avoid bathing the cow and washing the cattle shed, otherwise more heat will be build up. Provide proper air circulation using fans in cattle shed. Assure increased ventilation in the cattle shed. Ensure sufficient supply of clean drinking water to the animals.