



Agromet Advisory Bulletin for Thrissur District

(Valid from 16.03.2024 to 20.03.2024)

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 15.03.2024

Observed weather during last week (Dated 09 th March 2024 to 15 th March 2024)							Weather Parameters		Weather Forecast Valid for 16 th March to 20 th March 2024				
09/03	10/03	11/03	12/03	13/03	14/03	15/03	Date		16/03	17/03	18/03	19/03	20/03
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)		0.1	0	0	0	0
35.6	36.0	36.2	37.5	37.5	35.5	35.0	T _{max} (⁰ C)		36	36	36	36	36
25.4	25.5	25.0	25.2	25.8	26.0	25.4	T _{min} (⁰ C)		25	25	25	25	25
Cloudy	Partially cloudy	Partially cloudy	Partially cloudy	Cloudy	Partially cloudy	Partially cloudy	AM	Cloud cover	Cloudy	Partially cloudy	Partially cloudy	Partially cloudy	Clear
Partially cloudy	Partially cloudy	Partially cloudy	Partially cloudy	Cloudy	Partially cloudy		PM						
93	90	90	89	84	90	93	RH-I (%)		83	83	83	83	83
57	56	40	54	56	52		RH-II (%)		62	62	62	62	62
2.0	2.0	2.0	2.9	2.0	2.0	2.3	Wind Speed (km/hr.)		1	4	4	3	1
C	C	C	C	C	C	C	AM	Wind direction	W	W	W	W	W
WSW	NW	WNW	SSE	WSW	NE		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 36 °C in Thrissur district during 15.03.2024 to 19.03.2024.

SMS: As per the forecast of IMD, there is a chance of very 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 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 (Puncha) Seedling stage	BrownPlant 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.
Brinjal	Mealy bug	Since dry weather condition prevailed there is a chance of mealy bug attack in brinjal. Spray 2% Neem oil garlic emulsion. If the attack is severe, apply Spiromesifen 8 milli per 10 litre of water.
Bhindi	Mosaic disease	During high temperature, there is a chance of mosaic disease in bhindi. Spray dimethoate in 1.5 milli per one liter of water.

Animal Husbandry: - To avoid indigestion and acidity in cattle's, give 30g sodium bicarbonate with one tea spoon yeast mixed with cattle feed. (CAADECCS, KVASU, Mannuthy).