



Agromet Advisory Bulletin for Thrissur District

(Valid from 01.05.2024 to 05.05.2024)

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 30.04.2024

Observed weather during last week (Dated 24 th April 2024 to 30 th April 2024)							Weather Parameters		Weather Forecast Valid for 01 st May to 05 th May 2024				
24/04	25/04	26/04	27/04	28/04	29/04	30/04	Date		01/05	02/05	03/05	04/05	05/05
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)		0.5	1	0	4	1
37.6	36.5	38.6	37.9	38.2	39.4	40.0	T _{max} (°C)		40	40	40	40	40
27.4	26.6	27.4	27.1	27.4	28.0	27.9	T _{min} (°C)		28	28	28	28	28
Cloudy	Cloudy	Partially cloudy	Cloudy	Partially cloudy	Partially cloudy	Cloudy	AM	Overcast	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy
Cloudy	Partially cloudy	Cloudy	Partially cloudy	Partially cloudy	Partially cloudy		PM						
85	83	85	83	83	84	88	RH-I (%)		72	72	72	72	72
58	50	57	56	55	49		RH-II (%)		64	64	64	64	64
2.5	2.0	2.5	2.4	2.6	2.3	2.7	Wind Speed (km/hr.)		4	2	2	2	3
C	C	C	C	C	C	C	AM	Wind direction	W	WNW	WSW	SW	WSW
SSW	WSW	NNE	WSW	NNW	WSW		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				139.5			7.3						

Weather summary / Alert: Maximum temperatures are very likely to be around 40°C in Thrissur district on 30th April to 04th May 2024. Heat Wave conditions likely to prevail at one or two places in Thrissur district. (YELLOW WARNING).

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
Rice (virippu)	-	It is recommended to sow dhaincha seeds in the paddy field before virippu planting.
Coconut & Banana	-	Since dry and hot weather condition is prevailed, provide irrigation to coconut and banana plants as per requirement. Mulching can be practiced to conserve soil moisture.
Arecanut	-	The wood of arecanut tree can be protected from hot sun by painting white or covering with arecanut leaf sheath.
Pepper	-	Pepper plants can be irrigated once a week. The water should be kept in basins of one and a half meter diameter around the plants. It is also good to mulch with dry leaves or something.
Ginger, Turmeric	Planting time	While preparing land for ginger and turmeric cultivations, apply 2 to 3 kg lime per cent. As a prophylactic measure against rhizome rot disease, the ginger and turmeric rhizome should be soaked in the 0.3 percent mancozeb or pseudomonas solution (3 gram per one liter of water) for 30 minutes. Moreover 90 kg FYM mixed with one kg Trichoderma and kept under shade for two weeks with sufficient moisture and can be applied.

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. (CAADECCS, KVASU, Mannuthy).