



Agromet Advisory Bulletin for Thrissur District

(Valid from 21.04.2023 to 25.04.2023)

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 21.04.2023

Observed weather during last week (Dated 14 th to 20 th April, 2023)							Weather Parameters		Weather Forecast (Valid for 22 nd to 25 th April 2023)				
14/04	15/04	16/04	17/04	18/04	19/04	20/04	Date	21/04	22/04	23/04	24/04	25/04	
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	0.0	0.1	1.0	0.1	0.5	
40.0	37.8	36.1	37.1	37.6	37.7	37.1	T _{max} (°C)	37	37	37	37	37	
26.3	26.1	25.9	26.6	26.9	26.9	25.5	T _{min} (°C)	25	25	26	26	26	
Partially Cloudy	Cloudy	Partially Cloudy	Partially Cloudy	Partially Cloudy	Cloudy	Partially Cloudy	AM	Cloud cover	Overcast	Overcast	Overcast	Overcast	Cloudy
Partially Cloudy	Partially Cloudy	Partially Cloudy	Partially Cloudy	Partially Cloudy	Partially Cloudy		PM						
87	85	87	85	86	88	80	RH-I (%)	80	80	80	80	80	
49	49	52	52	49	48	47	RH-II (%)	56	56	56	56	56	
2.5	2.7	2.6	2.8	2.6	2.5	2.8	Wind Speed (km/hr.)	6	3	6	6	3	
Calm	Calm	Calm	Calm	Calm	Calm	Calm	AM	Wind direction	WSW	WSW	WNW	SW	WNW
SSW	WNW	WNW	SSE	SSE	Calm	WSW	PM						
Rainfall (mm) in last week				Rainfall (mm) from 01/01/2023 to till dated			Rainfall (mm) from 01/06/22 to till dated						
0.0				1.7			1988.4						

Weather summary / Alert: Light rainfall is expected in isolated places of the district. Normal rainfall is expected in Kerala.

C. 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. Thus you can get rid of sunburn. While working in the farm, try to use a hat or an umbrella to prevent direct sunlight. As the climate is hot and dry, irrigate the crops as required to ensure adequate soil moisture. Irrigate only, when there is no strong sunlight. Drip irrigation can reduce water loss to some extent.

Crop	Pest/ Disease	Crop/ Animal Advisory
Puncha rice (Dough stage)	Rice bug	There is a chance of rice bug attack in paddy. To control, spray Malathion 2 ml per litre of water. Pesticides application should be done either before 9 am or after 3 pm. Otherwise, the pesticide application will adversely affect the pollination
Banana & Coconut	Irrigation	Since dry weather condition is prevailed, irrigate to Banana plants and Coconut palms. Ensure that there is enough moisture in the soil.
Brinjal	Mite	Since dry weather condition is prevailed, there is a chance of mite attack in brinjal. Apply wettable sulphur 3 gram per one litre of water.

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. Assure increased ventilation in the cattle shed. Ensure sufficient supply of clean drinking water to the animals. (CAADECCS, KVASU, Mannuthy).