



Agromet Advisory Bulletin for Thrissur District

(Valid from 13.04.2024 to 17.04.2024)

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 Delhi

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Dated 12.04.2024

Observed weather during last week (Dated 06 th April 2024 to 12 th April 2024)							Weather Parameters		Weather Forecast Valid for 13 th April to 17 th April 2024				
06/04	07/04	08/04	09/04	10/04	11/04	12/04	Date		13/04	14/04	15/04	16/04	17/04
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)		2	1	0.1	0.1	0.3
37.4	38.5	37.0	37.2	39.8	40.3	39.6	T _{max} (°C)		39	39	39	39	39
26.7	27.3	27.0	26.9	27.4	27.6	26.9	T _{min} (°C)		26	26	25	25	25
Cloudy	Cloudy	Partially cloudy	Partially cloudy	Partially cloudy	Cloudy	Cloudy	AM	Cloud cover	Overcast	Overcast	Cloudy	Cloudy	Overcast
Partially cloudy	Partially cloudy	Partially cloudy	Partially cloudy	Partially cloudy	Partially cloudy	PM							
86	88	88	89	83	88	85	RH-I (%)		78	78	78	78	78
54	54	55	52	27	34		RH-II (%)		58	58	58	58	58
2.3	2.3	2.5	2.3	2.3	3.3	2.8	Wind Speed (km/hr.)		2	2	2	2	2
C	C	C	C	NNE	ENE	C	AM	Wind direction	WSW	SW	WSW	W	W
NW	SSW	NNW	SW	NNE	SW	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 12.04.2024 to 16.04.2024.

SMS: As per the forecast of IMD, there is a chance of light rainfall in isolated places of the district. Above 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 (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
Coconut	-	Since air temperature is increasing, it is a desirable practice to bury fresh or dried coconut husk around the palm to conserve soil moisture. The husk can be buried either in linear trenches taken 3 meter away from the trunk between rows of palms or in circular trenches taken around the palm at a distance of 2 meter from the trunk. The trenches may be of 0.5 meter width and depth. The husks are to be placed in layers with concave surface facing upwards and covered with soil. The beneficial effect of husk burial will last for about 5 to 7 years. Instead of husk, coir pith can be buried @ 25 kg/palm/year.
Vegetables	Sucking Pest	As the hot weather conditions may increase the infestation of thrips, aphids, and whiteflies on the crops, spray at the top and bottom of the leaves with 2% strength neem oil garlic emulsion on every two weeks.

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. (CAADECCS, KVASU, Mannuthy).