



Agromet Advisory Bulletin for Thrissur District

(Valid from 10.04.2024 to 14.04.2024)

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 09.04.2024

Observed weather during last week (Dated 03 rd April 2024 to 09 th April 2024)							Weather Parameters		Weather Forecast Valid for 10 th April to 14 th April 2024				
03/04	04/04	05/04	06/04	07/04	08/04	09/04	Date		10/04	11/04	12/04	13/04	14/04
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)		0.2	0.1	0	3	2
36.9	36.5	37.4	37.4	38.5	37.0	37.2	T _{max} (°C)		38	38	38	38	38
27.0	27.1	27.4	26.7	27.3	27.0	26.9	T _{min} (°C)		27	27	27	25	25
Partially cloudy	Partially cloudy	Partially cloudy	Cloudy	Cloudy	Partially cloudy	Partially cloudy	AM	Cloud cover	Overcast	Partially cloudy	Cloudy	Overcast	Overcast
Partially cloudy	Partially cloudy	Partially cloudy	Partially cloudy	Partially cloudy	Partially cloudy	PM							
85	85	86	86	88	88	89	RH-I (%)		76	76	76	76	76
57	55	43	54	54	55		RH-II (%)		59	59	59	59	59
2.3	2.4	2.5	2.3	2.3	2.5	2.3	Wind Speed (km/hr.)		4	3	2	3	2
C	C	C	C	C	C	C	AM	Wind direction	W	WSW	WSW	WSW	W
WNW	SSW	SW	NW	SSW	NNW	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 09.04.2024 to 13.04.2024.

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 (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).