

Agromet Advisory Bulletin for Thrissur District

(Valid from 14.04.2023 to 18.04.2023)

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 13.04.2023

Observed weather during last week (Dated 07 th to 13 th April, 2023)							Weather Parameters		Weather Forecast (Valid for 14 th to 18 th April 2023)				
07/04	08/04	09/04	10/04	11/04	12/04	13/04	Date	14/04	15/04	16/04	17/04	18/04	
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	0.1	2	0	
35.4	36.1	37.8	38.3	38.6	38.0	38.7	T _{max} (°C)	39	39	38	38	38	
25.5	25.5	25.9	25.2	25.9	25.9	25.5	T _{min} (°C)	25	25	25	25	25	
Partially Cloudy	Cloudy	Partially Cloudy	Partially Cloudy	Cloudy	Partially Cloudy	Partially Cloudy	AM	Cloud cover	Cloudy	Cloudy	Partially Cloudy	Partially Cloudy	Cloudy
Partially Cloudy	Partially Cloudy	Partially Cloudy	Partially Cloudy	Partially Cloudy	Partially Cloudy	PM							
86	85	89	84	85	87	83	RH-I (%)	86	86	86	86	86	
64	49	31	46	53	51		RH-II (%)	62	62	62	62	62	
2.3	2.2	2.9	3.0	3.0	2.4	2.4	Wind Speed (km/hr.)	3	4	4	3	3	
Calm	Calm	Calm	Calm	Calm	Calm	Calm	AM	Wind direction	WSW	WNW	WNW	W	SW
NNW	NNW	SSW	SSW	SSE	NNW	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 (Milky stage)	-	Ensure water availability in paddy fields. This is especially important in late sowing fields
Banana	Mites	Since dry weather condition is prevailed, there is a chance of mite attack in banana. Apply wettable sulphur 3 gram per one litre of water. Give strong propping to banana.
Brinjal	White fly	During high temperature, there is a chance of white fly attack in brinjal. Apply 2% neem oil garlic emulsion or spray 20g <i>Lecanicillium lecanii</i> per one litre of water in ten days intervals.

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).