



Agromet Advisory Bulletin for Thrissur District

(Valid from 27.03.2024 to 31.03.2024)

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 Delh

AAS Bulletin No: 13/2024, (25) Tuesday

Dated 26.03.2024

Observed weather during last week (Dated 20 th March 2024 to 26 th March 2024)							Weather Parameters		Weather Forecast Valid for 27 th March to 31 st March 2024				
20/03	21/03	22/03	23/03	24/03	25/03	26/03	Date		27/03	28/03	29/03	30/03	31/03
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)		0	0	0	0	0
38.2	36.8	38.0	37.7	39.2	39.9	39.8	T _{max} (°C)		40	40	40	40	40
25.6	26.2	26.7	26.0	26.7	25.7	26.1	T _{min} (°C)		26	26	26	25	25
Partially cloudy	Partially cloudy	Cloudy	Partially cloudy	Cloudy	Partially cloudy	Partially cloudy	AM	Cloud cover	Partially cloudy	Partially cloudy	Partially cloudy	Partially cloudy	Partially cloudy
Cloudy	Partially cloudy	Cloudy	Partially cloudy	Partially cloudy	Partially cloudy		PM		Partially cloudy	Partially cloudy	Partially cloudy	Partially cloudy	Partially cloudy
87	69	86	82	92	87	90	RH-I (%)		85	85	85	85	85
51	30	39	28	23	23		RH-II (%)		60	65	65	65	70
2.2	3.4	3.9	3.4	2.8	2.7	3.3	Wind Speed (km/hr.)		4	3	4	5	4
NNE	ENE	ESE	C	C	SSE	C	AM	Wind direction	WSW	W	W	W	WSW
WSW	NNE	C	NE	NW	SSE		PM		WSW	W	W	W	WSW
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 40 °C in Thrissur district during 26.03.2024 to 30.03.2024.

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 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 (Panicle initiation stage)	-	High temperature may induce pollen sterility in late sown paddy. Keep Standing water in the field to avoid this.
Coconut & Arecanut	-	Since dry weather condition is prevailed, adequate irrigation should be provided to Coconut and Arecanut. Since air temperature is increasing, it is a desirable practice to bury fresh or dried coconut husk around the coconut palm to conserve soil moisture. It is desirable to apply lime (white colour) on the stem near the ground to protect from heat.
Tomato	Dropping of flowers	An increase in temperature results in the dropping of flowers in tomatoes. Tomatoes should be provided with minimal shade and deep irrigation.

Animal Husbandry: - Pets and domestic animals & birds should be provided with adequate fresh water and protection from the sun and heat. Adequate ventilation should be arranged in their living space. Do not let the cattle graze during hot weather. (CAADECCS, KVASU, Mannuthy).