



Agromet Advisory Bulletin for Thrissur District

(Valid from 06.09.2023 to 10.09.2023)

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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Observed weather during last week (Dated 02 nd September to 08 th September 2023)							Weather Parameters		Weather Forecast Valid for 09 th September to 13 th September 2023)				
02/09	03/09	04/09	05/09	06/09	07/09	08/09	Date		09/09	10/09	11/09	12/09	13/09
5.2	4.2	28.0	19.8	8.5	42.0	32.6	Rainfall (mm)		15	18	10	3	11
34.3	30.4	30.4	30.5	31.0	30.2	29.4	T _{max} (°C)		31	31	31	31	33
24.0	24.2	23.5	23.6	23.4	23.1	23.2	T _{min} (°C)		24	24	24	24	24
Cloudy	Overcast	Overcast	Cloudy	Cloudy	Overcast	Partially cloudy	AM	Cloud cover	Overcast	Overcast	Overcast	Cloudy	Cloudy
Cloudy	Cloudy	Cloudy	Overcast	Overcast	Overcast	PM							
95	91	95	96	96	99	97	RH-I (%)		98	97	95	90	90
85	82	95	74	84	78		RH-II (%)		90	85	83	75	73
2.8	0.9	2.5	1.2	1.5	1.6	1.2	Wind Speed (km/hr.)		4	5	6	3	3
C	C	C	C	C	C	C	AM	Wind direction	WSW	WNW	WNW	NW	NNW
NW	NNE	C	WSW	WSW	S	PM							
Rainfall (mm) in last week				Rainfall (mm) from 01/01/2023 to till dated			Rainfall (mm) from 01/06/2023 to today						
140.3				1246.6			1109.2						

Weather summary / Alert: As per the forecast of IMD, there is a chance of moderate rainfall in the district and heavy rainfall in isolated places. Above normal rainfall is expected in Kerala.

C. General and Agrometeorological Advisories for Thrissur District

Prophylactic measures to control crop pest & diseases can be taken to avoid their spread. Proper mulching can be followed to conserve soil moisture.

Crop	Pest/ Disease	Crop/ Animal Advisory
Paddy (virippu season) Panicle Emergence	Leaf folder	If cloudy condition is prevailed, there is a chance of Leaf folder attack in Paddy. It can be controlled by using <i>trichogramma</i> cards (2CC per one acre). Cut the cards in to small pieces and fix in different regions of the field. If the attack is severe, spray quinalphos @ 2ml per one liter of water.
Pepper	Quick wilt	As a prophylactic measure to control quick wilt of pepper, add 2 kg Trichoderma to a mixture of 90 kg FYM and 10 kg neem cake and kept for two weeks with sufficient moisture. Add 2.5 kg of this mixture to the base of each matured pepper vine
Ginger	Stem borer	There is a chance of stem borer in ginger. Spray 20 g <i>Beauveria per</i> one litre of water to control stem borer. Or spray 2 ml of quinalphos in one liter of water.

Animal Husbandry: - Vaccinate animals against foot and mouth disease. Care should be taken to prevent rat breeding in the premises of cattle shed to prevent leptospirosis. (CAADECCS, KVASU, Mannuthy).