



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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Dated 05.09.2023

Observed weather during last week (Dated 30 th August to 05 th September 2023)							Weather Parameters		Weather Forecast Valid for 06 th September to 10 th September 2023)				
30/08	31/08	01/09	02/09	03/09	04/09	05/09	Date		06/09	07/09	08/09	09/09	10/09
0.0	0.0	0.0	5.2	4.2	28.0	19.8	Rainfall (mm)		10	12	14	35	40
33.0	33.4	33.3	34.3	30.4	30.4	30.5	T _{max} (⁰ C)		30	30	30	30	33
25.6	25.0	24.7	24.0	24.2	23.5	23.6	T _{min} (⁰ C)		23	24	24	24	24
Cloudy	Cloudy	Partially cloudy	Cloudy	Overcast	Overcast	Cloudy	AM	Cloud cover	Overcast	Overcast	Overcast	Overcast	Overcast
Cloudy	Overcast	Partially cloudy	Cloudy	Cloudy	Cloudy	PM							
90	90	86	95	91	95	96	RH-I (%)		95	94	95	95	96
57	63	59	85	82	95		RH-II (%)		66	79	83	93	91
2.6	2.2	2.2	2.8	0.9	2.5	1.2	Wind Speed (km/hr.)		3	3	3	3	4
SSW	C	C	C	C	C	C	AM	Wind direction	W	SW	NW	SSW	W
NW	NNW	SW	NW	NNE	C	PM							
Rainfall (mm) in last week				Rainfall (mm) from 01/01/2023 to till dated			Rainfall (mm) from 01/06/2023 to today						
57.2				1159.5			1026.1						

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. Below 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 (<i>virippu season</i>) 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).