



Agromet Advisory Bulletin for Thrissur District

(Valid from 20.09.2023 to 24.09.2023)

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 19.09.2023

Observed weather during last week (Dated 13 th September to 19 th September 2023)							Weather Parameters		Weather Forecast Valid for 20 th September to 24 th September 2023)				
13/09	14/09	15/09	16/09	17/09	18/09	19/09	Date		20/09	21/09	22/09	23/09	24/09
0.0	23.5	5.2	23.0	19.7	14.6	23.0	Rainfall (mm)		5	4	5	8	5
30.9	31.6	31.8	29.2	28.2	30.7	30.0	T _{max} (⁰ C)		31	32	33	33	33
24.9	23.9	23.4	23.4	23.7	24.5	23.3	T _{min} (⁰ C)		23	25	25	25	25
Cloudy	Partially cloudy	Cloudy	Cloudy	Overcast	Overcast	Partially cloudy	AM	Cloud cover	Overcast	Cloudy	Overcast	Overcast	Overcast
Cloudy	Overcast	Cloudy	Cloudy	Cloudy	Cloudy	PM							
93	95	95	99	97	99	96	RH-I (%)		98	98	98	98	98
69	63	83	89	78	81		RH-II (%)		77	77	77	77	77
1.2	1.2	1.3	1.2	0.7	1.1	0.6	Wind Speed (km/hr.)		2	2	3	2	3
C	C	C	C	C	C	C	AM	Wind direction	W	W	WNW	NW	NW
SW	SSW	WSW	SW	SW	WNW	PM							
Rainfall (mm) in last week				Rainfall (mm) from 01/01/2023 to till dated			Rainfall (mm) from 01/06/2023 to today						
109.0				1416.8			1283.4						

Weather summary / Alert: As per the forecast of IMD, there is a chance of light rainfall in the district. 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 stage	Rice bug	There is a chance of appearance of rice bug in paddy. To control, spray 2 ml malathion per one litre of water. Pesticides application should be done either before 9 am or after 3 pm. Otherwise, it will adversely affect the pollination.
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</i> per one litre of water to control stem borer. Or spray 2 ml of quinalphos in one litter of water.
Cucurbitaceous Vegetables	Downy mildew	There is a chance of downy mildew attack in cucurbitaceous vegetables. Spray 2.5gm Mancozeb per one litre of water under the leaves.

Animal Husbandry: - Take precautions to avoid ectoparasitic infestation. If Fever, shivering, and brown coloured urine or any other symptoms of jaundice if noted, immediately consult a veterinary doctor.