



Agromet Advisory Bulletin for Thrissur District

(Valid from 27.09.2023 to 01.10.2023)

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 26.09.2023

Observed weather during last week (Dated 20 th September to 26 th September 2023)							Weather Parameters		Weather Forecast Valid for 27 th September to 01 st October 2023)				
20/09	21/09	22/09	23/09	24/09	25/09	26/09	Date		27/09	28/09	29/09	30/09	01/10
0.2	0.0	2.6	23.0	42.0	3.6	0.0	Rainfall (mm)		8	12	18	16	20
31.6	31.5	31.9	31.1	31.8	30.5	32.2	T _{max} (⁰ C)		32	31	31	31	31
24.4	24.3	23.9	23.5	22.7	23.5	25.0	T _{min} (⁰ C)		25	24	23	23	23
Cloudy	Partially cloudy	Partially cloudy	Cloudy	Overcast	Cloudy	Partially cloudy	AM	Cloud cover	Cloudy	Overcast	Overcast	Overcast	Overcast
Partially cloudy	Cloudy	Overcast	Cloudy	Partially cloudy	Partially cloudy	PM							
93	92	95	96	98	98	95	RH-I (%)		90	92	92	93	92
71	65	79	69	67	62		RH-II (%)		72	72	74	76	76
15	1.0	1.1	1.7	1.5	0.5	1.3	Wind Speed (km/hr.)		3	3	4	5	5
C	C	C	C	C	C	C	AM	Wind direction	W	W	WNW	WNW	WNW
SW	NW	SW	NW	W	WNW	PM							
Rainfall (mm) in last week				Rainfall (mm) from 01/01/2023 to till dated			Rainfall (mm) from 01/06/2023 to today						
71.4				1488.2			1354.8						

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 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.
Rice (Mundakan) transplanting	-	As a prophylactic measure, the root of seedlings can be soaked for 30 minutes in a solution of pseudomonas culture to control sheath blight, sheath rot, leaf spot disease etc. Before transplanting, spray 20 gram Pseudomonas in one litre of water.
Banana	-	Cut and remove the outer layer of the rhizome and sundry for 3 to 4 days after smearing it with slurry of cow dung and ash.
Ginger	Rhizome maggot	Apply neem cake in the basin of the crop.
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: - Cattle feed should be stored on a wooden board or iron board. If moisture is in the cattle feed it may cause deadly fungal growth. Care should be taken to prevent rat breeding in the premises of cattle shed to prevent leptospirosis. (CAADECCS, KVASU, Mannuthy).