



Agromet Advisory Bulletin for Thrissur District

(Valid from 07.10.2023 to 11.10.2023)

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 06.10.2023

Observed weather during last week (Dated 30 th September to 06 th October 2023)							Weather Parameters		Weather Forecast Valid for 07 th October to 11 th October 2023)				
30/09	01/10	02/10	03/10	04/10	05/10	06/10	Date		07/10	08/10	09/10	10/10	11/10
17.1	40.7	29.7	18.7	1.2	0.4	0.0	Rainfall (mm)		0.1	0.1	0.1	6	3
26.9	27.7	26.5	30.2	32.6	32.0	33.4	T _{max} (⁰ C)		33	33	32	32	32
23.7	23.4	23.1	23.0	24.2	24.0	23.4	T _{min} (⁰ C)		23	25	25	25	25
Cloudy	Cloudy	Overcast	Partially Cloudy	Overcast	Partially Cloudy	Partially Cloudy	AM	Cloud cover	Partially Cloudy	Cloudy	Cloudy	Cloudy	Cloudy
Cloudy	Cloudy	Cloudy	Partially Cloudy	Partially Cloudy	Partially Cloudy		PM		Partially Cloudy	Cloudy	Cloudy	Cloudy	Cloudy
90	98	99	93	96	92	88	RH-I (%)		90	90	91	91	90
93	97	79	64	62	57		RH-II (%)		68	65	70	70	80
0.8	1.1	0.8	1.0	1.1	0.9	1.1	Wind Speed (km/hr.)		6	7	6	6	6
C	C	C	C	C	C	C	AM	Wind direction	WNW	WNW	WNW	WNW	WNW
C	C	SSW	NNW	SSE	NW		PM		WNW	WNW	WNW	WNW	WNW
Rainfall (mm) in last week				Rainfall (mm) from 01/01/2023 to till dated			Rainfall (mm) from 01/06/2023 to today						
107.8				1709.7			1576.3						

Weather summary / Alert: As per the forecast of IMD, there is a chance of light rainfall in the district. Below normal rainfall is expected in Kerala.

C. General and Agrometeorological Advisories for Thrissur District

Prophylactic measures to control crop pest and 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) Dough 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.
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.
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
Turmeric	Leaf Blotch	As a prophylactic measure, 1% Bordeaux mixture can be sprayed.
Ginger	Rhizome rot	There is a chance of rhizome rot in ginger. To control this, dig out the affected plants and drench the soil with copper oxychloride 2g per one litre of water. To avoid the spreading of rhizome rot in ginger, apply mixture of 15 gram bleaching powder and 250 gram lime in to the basin of three meter square bed.

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).