



Agromet Advisory Bulletin for Thrissur District

(Valid from 08.11.2023 to 12.11.2023)

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 07.11.2023

Observed weather during last week (Dated 01 st November to 07 th November 2023)							Weather Parameters		Weather Forecast Valid for 08 th November to 12 th November 2023)				
01/11	02/11	03/11	04/11	05/11	06/11	07/11	Date		08/11	09/11	10/11	11/11	12/11
49.6	2.2	9.1	16.2	87.6	0.0	1.9	Rainfall (mm)		4	1	2	1	0.1
33.6	33.8	33.0	34.4	31.2	30.6	33.0	T _{max} (⁰ C)		33	33	33	33	33
22.8	23.4	23.6	23.5	23.2	23.8	24.5	T _{min} (⁰ C)		25	25	25	25	26
Partially Cloudy	Cloudy	Partially Cloudy	Overcast	Cloudy	Cloudy	Partially Cloudy	AM	Cloud cover	Overcast	Overcast	Overcast	Overcast	Overcast
Cloudy	Partially Cloudy	Cloudy	Overcast	Cloudy	Overcast		PM						
98	93	96	95	98	92	90	RH-I (%)		98	95	95	95	95
64	66	54	74	79	69		RH-II (%)		78	75	75	75	75
2.1	2.4	2.3	1.9	1.1	1.1	1.5	Wind Speed (km/hr.)		4	4	2	2	2
C	C	C	C	C	NNE	NNE	AM	Wind direction	NW	NW	NW	SW	W
C	C	NE	SSW	NNW	NNE		PM						
Rainfall (mm) in last week				Rainfall (mm) from 01/01/2023 to till dated			Rainfall (mm) from 01/10/2023 to today						
166.6				1972.4			353.4						

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

C. General and Agrometeorological Advisories for Thrissur District

Prophylactic measures can be taken to control and to avoid the spread of crop pest and diseases. Proper mulching can be followed to conserve soil moisture.

Crop	Pest/ Disease	Crop/ Animal Advisory
Rice (Mundakan) Seedling stage	-	In order to reduce the micronutrient deficiency in paddy, spray 10 grams of sampoorna mixture of paddy in one liter of water. Sampoorna mixture of paddy is available at the Kerala Agricultural University.
Coconut	-	While applying second dose of fertilizers to coconut palms, apply 550 gram of urea, 700 gram of rajphos and 800 gram of potash under irrigated conditions. Apply 500 gram of urea, 800 gram of rajphos and one kg potash under rainfed conditions.
Banana	Pitting disease	Appearance of small sunken brown spots on matured fruits is the symptom of blast and pitting disease. Cut and remove dried leaves from the garden and protect the bunches with bunch cover. If the disease is occurring regularly and bunch maturing coincides with rainy season, spray fungicide 0.5 milli litre azoxystrobin or 0.5 gram Nativo per one litre of water within one month of bunch emergence.
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. Vaccinate animals against foot and mouth disease. (CAADECCS, KVASU, Mannuthy).