



Agromet Advisory Bulletin for Thrissur District

(Valid from 17.06.2023 to 21.06.2023)

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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Observed weather during last week (Dated 10 th June to 16 th June 2023)							Weather Parameters		Weather Forecast Valid for 17 th June to 21 st June 2023)				
10/06	11/06	12/06	13/06	14/06	15/06	16/06	Date		17/06	18/06	19/06	20/06	21/06
42.0	10.1	7.1	18.9	8.5	0.6	1.2	Rainfall (mm)		3	9	12	20	14
30.2	29.7	29.6	26.7	30.2	32.5	32.0	T _{max} (⁰ C)		33	33	33	33	33
24.0	24.9	24.8	22.9	23.8	25.0	25.5	T _{min} (⁰ C)		25	25	25	25	25
Cloudy	Overcast	Cloudy	Overcast	Cloudy	Overcast	Cloudy	AM	Cloud cover	Cloudy	Overcast	Overcast	Overcast	Overcast
Overcast	Cloudy	Overcast	Cloudy	Cloudy	Cloudy		PM						
98	97	98	94	93	92	94	RH-I (%)		93	90	90	94	94
95	93	93	80	66	71		RH-II (%)		62	64	69	78	90
0.4	0.5	0.7	0.5	1.5	1.8	1.0	Wind Speed (km/hr.)		6	4	4	4	5
C	C	C	C	NE	C	C	AM	Wind direction	NW	W	N	N	NW
C	C	WSW	SSW	WSW	S		PM						
Rainfall (mm) in last week				Rainfall (mm) from 01/01/2023 to till dated			Rainfall (mm) from 01/03/2023 to today						
88.4				261.7			261.7						

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

C. General and Agrometeorological Advisories for Thrissur District

Special crop management is required for agricultural crops during monsoon season. Proper drainage facilities have to be ensured. If the soil is more acidic, add lime as per soil testing. Pesticides should not be applied during rain.

Crop	Pest/ Disease	Crop/ Animal Advisory
Rice (virippu)	-	140 kg of lime per acre can be applied at the time of land preparation in paddy fields, where planting has not started. During rainy period, there is a chance of sheath blight, sheath rot, leaf spot disease etc. As a prophylactic measure, either soak one kg of paddy seeds or dip root of seedlings in a solution of Pseudomonas culture @10gram of Pseudomonas culture per one litre of water for 30 minutes.
Banana	Rhizome rot	During rainy season, there is a chance of Rhizome rot in banana. Proper drainage facilities have to be ensured. As a precaution, drench the basin with three litre of pseudomonas solution (20g 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
Coconut	Bud rot	Ensure drainage facilities in water logged areas. As a prophylactic measure to bud rot disease in coconut, 1% Bordeaux mixture can be sprayed on coconut crown. Pesticides should not be applied during rain.

Animal Husbandry: - Deworm the animals after dung examination. Take precautions to avoid ecto parasitic infestation. Care should be taken to prevent rat breeding in the premises of cattle shed to prevent leptospirosis.