



Agromet Advisory Bulletin for Thrissur District

(Valid from 02.12.2023 to 06.12.2023)

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 01.12.2023

Observed weather during last week (Dated 25 th November to 01 st December 2023)							Weather Parameters		Weather Forecast Valid for 02 nd December to 06 th December 2023)				
25/11	26/11	27/11	28/11	29/11	30/11	01/12	Date		02/12	03/12	04/12	05/12	06/12
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)		2	1	2	0	0
33.6	33.4	32.4	33.0	33.5	33.0	33.1	T _{max} (⁰ C)		33	33	33	33	33
25.5	26.4	25.0	24.5	24.3	24.4	24.4	T _{min} (⁰ C)		24	24	24	24	24
Partially cloudy	Partially cloudy	Clear	Partially cloudy	cloudy	Partially cloudy	Partially cloudy	AM	Cloud cover	Cloudy	Cloudy	Cloudy	Cloudy	Partially cloudy
Partially cloudy	Partially cloudy	Partially cloudy	Partially cloudy	cloudy	Partially cloudy		PM						
78	75	74	78	81	81	82	RH-I (%)		93	93	93	93	93
61	55	53	53	57	59		RH-II (%)		67	67	67	67	67
4.3	6.7	8.8	4.6	3.5	4.1	4.6	Wind Speed (km/hr.)		3	4	3	4	4
ENE	ENE	E	ENE	ENE	NNE	ENE	AM	Wind direction	WNW	WSW	WSW	W	W
NNE	NE	NNE	ESE	NNE	NE		PM						
Rainfall (mm) in last week				Rainfall (mm) from 01/01/2023 to till dated			Rainfall (mm) from 01/10/2023 to today						
0.0				2084.4			465.4						

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

Since there is a chance of dry weather condition due to strong wind and high evaporation, crops should be irrigated, when required. Since the wind speed may increase, give strong propping to banana and staking to vegetables. Proper mulching can be followed to conserve soil moisture.

Crop	Pest/ Disease	Crop/ Animal Advisory
Rice (Mundakan) Tillering stage	-	First dose fertilizers can be applied for short duration varieties, at the rate of 40 kg urea, 78 kg rock phosphate and 12 kg potash per acre.
	Blast	Due to increase in high relative humidity and dew, there is a chance of Blast disease in paddy. As a precaution, spray 20g pseudomonas per one litre of water. Or 4 gm Nativo (Trifloxystrobin + Tebuconazole) can be sprayed in 10 liters of water.
Banana	Rhizome Weevil	There is a chance of Rhizome Weevil attack in banana. To control keep the field clean. Thiomethoxam 2 gm or Fipronil 10 gm mixed with one liter of water can be sprayed on the pseudostem or can be drenched in the basin.
Pepper	Pollu disease	During high humidity, there is a chance of Pollu disease in pepper plants. Control the shade in the garden and spray with 1% Bordeaux mixture. Also, carbentazim and mancozeb can be mixed and sprayed at the rate of one gram per one liter of water.

Animal Husbandry: Vaccinate animals against foot and mouth disease and hemorrhagic septicemia. If needed give medicine against worm infestation after dung examination. (CAAECCS, KVASU, Mannuthy).