



## Agromet Advisory Bulletin for Thrissur District

(Valid from 16.09.2023 to 20.09.2023)

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 15.09.2023**

Observed weather during last week (Dated 09 <sup>th</sup> September to 15 <sup>th</sup> September 2023)							Weather Parameters		Weather Forecast Valid for 16 <sup>th</sup> September to 20 <sup>th</sup> September 2023)				
09/09	10/09	11/09	12/09	13/09	14/09	15/09	Date		16/09	17/09	18/09	19/09	20/09
16.0	17.8	24.4	7.0	0.0	23.5	5.2	Rainfall (mm)		12	9	5	8	0.1
29.7	29.6	30.8	31.0	30.9	31.6	31.8	T <sub>max</sub> ( <sup>0</sup> C)		33	33	33	33	33
24.1	23.4	23.5	23.4	24.9	23.9	23.4	T <sub>min</sub> ( <sup>0</sup> C)		21	23	23	23	23
Overcast	Overcast	Cloudy	Cloudy	Cloudy	Partially cloudy	Cloudy	AM	Cloud cover	Overcast	Overcast	Cloud	Cloud	Partially cloudy
Overcast	Cloudy	Cloudy	Partially cloudy	Cloudy	Overcast		PM						
97	98	96	95	93	95	95	RH-I (%)		98	95	96	90	85
75	70	71	74	69	63		RH-II (%)		76	72	78	75	68
1.5	1.4	1.9	1.4	1.2	1.2	1.3	Wind Speed (km/hr.)		3	2	3	3	7
C	C	C	C	C	C	C	AM	Wind direction	SW	SSW	SW	WSW	WSW
SW	SW	WSW	NW	SW	SSW		PM						
Rainfall (mm) in last week				Rainfall (mm) from 01/01/2023 to till dated				Rainfall (mm) from 01/06/2023 to today					
93.9				1336.5				1203.1					

Weather summary / Alert: As per the forecast of IMD, there is a chance of light rainfall in the district and moderate 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 fish jaggery extract (20 ml/litre of water) or spray chitin based Pseudomonas fluorescens 20 gram in one litre of water. If the attack is severe, spray Azadirachtin 10 ml or Malathion 2 ml per litre of water. Pesticides application should be done either before 9 am or after 3 pm. Otherwise, it will adversely affect the pollination.
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. Apply neem cake @ 1 kg/plant at the time of planting.
Turmeric	Leaf Blotch	Due to high relative humidity, there is a chance of diseases. As a prophylactic measure, spray 2ml hexaconazole or 1 ml Propiconazole or 2 gram SAAF or 2.5 g copper oxychloride or 2 g copper hydroxide dissolved in one litre of water. Otherwise 1% Bordeaux mixture can be sprayed. Spraying can be continued at fortnightly intervals depending upon the intensity of the disease. Uproot and destroy fully infected plants.

Animal Husbandry: - Take precautions to avoid ectoparasitic infestation. If fever, shivering, brown coloured urine, off feed etc. are noticed, consult veterinary doctor immediately. Ensure sufficient supply of clean drinking water to the animals (CAADECCS, KVASU, Mannuthy).