



Agromet Advisory Bulletin for Thrissur District

(Valid from 18.09.2024 to 22.09.2024)

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 20.09.2024

Observed weather during last week (Dated 14 th September to 20 th September 2024)							Weather Parameters		Weather Forecast Valid for 21 st September to 25 th September 2024				
14/09	15/09	16/09	17/09	18/09	19/09	20/09	Date		21/09	22/09	23/09	24/09	25/09
8.4	0.4	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)		0.2	0.3	0.3	2	4
32.5	31.9	32.0	32.2	31.9	32.7	32.2	T _{max} (⁰ C)		32	32	31	31	31
24.6	24.2	24.7	24.1	24.4	23.8	23.6	T _{min} (⁰ C)		24	24	25	25	25
Cloudy	Partly cloudy	Cloudy	Partly cloudy	Partly cloudy	Cloudy	Cloudy	AM	Cloud cover	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Partly cloudy	Cloudy	Cloudy	Partly cloudy	Partly cloudy	Partly cloudy		PM		Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
95	95	95	95	89	93	97	RH-I (%)		90	90	90	90	90
66	66	63	63	60	59		RH-II (%)		72	72	72	72	72
1.8	1.6	2.1	2.3	2.2	1.9	1.8	Wind Speed (km/hr.)		8	7	7	7	6
C	C	C	C	C	C		AM	Wind direction	WSW	WSW	WNW	WNW	WNW
SW	NNW	WNW	WSW	WNW	SW		PM		WSW	WSW	WNW	WNW	WNW
Rainfall (mm) in last week				Rainfall (mm) from 01/01/2024 to till dated			Rainfall (mm) from 01/06/2024 to today						
8.8				2731.1			2100.1						

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

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 rainy period. Provide supports to banana crops. Make the vegetable pandals stronger. To protect farmers and livestock from lightning and thunder avoid standing in open areas.

Crop		Crop/ Animal Advisory
Rice (virippu) Milky 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 flurescens 20 gram in one litre of water. If the attack is severe, spray Azadirachtin 10 ml or Malathion 2 ml per litre of water.
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.
Ginger	Rhizome rot	There is a chance of rhizome rot disease in ginger. As a prophylactic measure spray, 2 gram Copper oxychloride or 1.5 gram copper hydroxide per one litre of water.
Vegetables (Cowpea)	Anthraco nose disease	During rainy season, there is a chance of Anthracnose disease in Cowpea. To control spray Carbendazim one gram per one litre of water. Pesticides should not be applied during rain.

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. (CAAECCS, KVASU, Mannuthy).