



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 17.09.2024

Observed weather during last week (Dated 11 th September to 17 th September 2024)							Weather Parameters		Weather Forecast Valid for 18 th September to 22 nd September 2024				
11/09	12/09	13/09	14/09	15/09	16/09	17/09	Date		18/09	19/09	20/09	21/09	22/09
35.5	4.1	0.0	8.4	0.4	0.0	0.0	Rainfall (mm)		5	5	3	3	4
31.6	31.6	32.0	32.5	31.9	32.0	32.4	T _{max} (°C)		32	33	32	32	32
23.9	24.1	24.2	24.6	24.2	24.7	24.1	T _{min} (°C)		24	25	25	25	25
Partly cloudy	Partly cloudy	Cloudy	Cloudy	Partly cloudy	Cloudy	Partly cloudy	AM	Cloud cover	Cloudy	Partly Cloudy	Cloudy	Partly Cloudy	Partly Cloudy
Overcast	Partly cloudy	Partly cloudy	Partly cloudy	Cloudy	Cloudy	PM							
96	96	93	95	95	95	95	RH-I (%)		85	85	85	85	85
68	66	63	66	66	63		RH-II (%)		65	65	65	65	65
3.3	2.5	1.6	1.8	1.6	2.1	2.3	Wind Speed (km/hr.)		11	9	9	8	7
C	C	C	C	C	C	C	AM	Wind direction	WNW	WNW	W	W	W
SW	SW	SSW	SW	NNW	WNW	PM							
Rainfall (mm) in last week				Rainfall (mm) from 01/01/2024 to till dated			Rainfall (mm) from 01/06/2024 to today						
48.4				2731.1			2100.1						

Weather summary / Alert: As per the forecast of IMD, there is a chance of light rainfall in 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).