



# Tamil Nadu Agricultural University

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India Meteorological Department

Agromet Advisory Bulletin for the Coimbatore District

Bulletin No.039/2024 Issued on 14.05.2024

(From 15<sup>th</sup> May 2024 to 19<sup>th</sup> May 2024)

Issued jointly by Agro Climate Research Centre, TNAU and IMD



## Past Weather for Tamil Nadu District

Weather Summary for the period since the issue of last bulletin 038 (10.05.2024) for Tamil Nadu. Maximum temperature ranged from 34°C to 40°C and minimum temperature ranged from 24°C to 30°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 20°C to 25°C and minimum temperature ranged from 13°C to 14°C. During this period occurred rainfall was recorded in Tamil Nadu.

## Coimbatore District Past Weather

In Coimbatore district, during 10.05.2024 to 13.05.2024 the Maximum temperature was recorded was 36°C to 38°C the minimum temperature was 23°C to 26°C. The morning relative humidity recorded was 87 per cent and evening relative humidity was 37 per cent. The average wind speed recorded was 9-14 km per hour and the wind direction were from East direction.

## Weather Summary for Coimbatore district

Past Week Summary (10.05.2024 to 13.05.2024)				Ensemble weather forecast valid until 08.30 hrs of 19.05.2024					
Day-1 10/04	Day-2 11/05	Day-3 12/05	Day-4 13/05	Date	Day-1 15/05	Day-2 16/05	Day-3 17/05	Day-4 18/05	Day-5 19/05
17.1	1.9	14.1	9.7	Rainfall	29	4	32	30	34
38	36	36	37	Max. Temp. (°C)	33	32	30	30	29
24	26	23	23	Mini. Temp. (°C)	23	22	20	20	20
7	6	6	8	Cloud cover (Octa)	8	8	8	7	7
87	70	78	78	RH morning (%)	70	70	80	80	80
52	37	57	84	RH evening (%)	50	50	50	50	50
12	9	14	11	Wind (kmph)	6	4	6	12	16
230	990	230	230	Wind Direction	90	110	250	250	250

## Weather forecast for next five days: (15.05.2024 to 19.05.2024)

According to district forecast issued by the India Meteorological Department for Coimbatore district, sky will be cloudy. Moderate to heavy rainfall expected on next 5 days. Maximum temperature is expected to be around 29°C to 33°C. Minimum temperature is expected to be around 20°C to 23°C. Morning relative humidity is expected to be around 80 per cent and evening relative humidity is expected to be around 50 per cent. Average wind speed is expected to be around 4-16 km per hour and the wind direction will be from South West direction.

Coimbatore District Block Wise Rainfall (mm) for next five days												
Date	Anamalai	Annur	Karamadai	Kinathukadavu	Madukkarai	PN Palayam	Pollachi North	Pollachi South	Sarcarsamakulam	Sultanpet	Sulur	Thondamuthur
15-05-2024	19.0	19.0	23.0	22.0	24.0	24.0	19.0	19.0	23.0	17.0	21.0	24.0
16-05-2024	2.0	5.0	4.0	2.0	2.0	3.0	2.0	2.0	3.0	4.0	3.0	2.0
17-05-2024	20.0	26.0	28.0	25.0	27.0	28.0	22.0	22.0	28.0	25.0	27.0	27.0
18-05-2024	23.0	20.0	25.0	24.0	26.0	26.0	23.0	23.0	24.0	19.0	22.0	27.0
19-05-2024	18.0	20.0	25.0	24.0	28.0	28.0	20.0	20.0	26.0	18.0	23.0	28.0

### Agro Advisory

Crop	Stage	Advisory
General		Moderate to heavy Rainfall is expected during this week in all three western zone districts. The wind speed will be between 4 - 20 km/hr. Irrigation may be postponed based on soil moisture and apply crop residue mulches to all irrigated crops to maintain sufficient soil moisture. Plan for summer ploughing against the slope with soil inverting type ploughs.
Rice	Land preparation	Considering the anticipated rainfall nursery land preparation may be done followed by sowing for short duration rice in assured irrigated areas.
Sorghum	Vegetative	With the receipt of anticipated rainfall hand weeding may be done in irrigated Sorghum and apply 50 kg of urea per hectare as second top dressing. Considering the moisture irrigation may be given.
Cumbu	Vegetative	With the receipt of anticipated rainfall hand weeding may be done in irrigated cumbu and apply 90 kg of urea per hectare as first top dressing. Considering the moisture irrigation may be given.
Groundnut	Sowing	This is the right time for sowing of Chithiraipattam rainfed groundnut at Pollachi taluk of Coimbatore district. Field preparation followed by sowing may be done, since rain is anticipated.

Sesamum	Harvest	Make suitable arrangement to facilitate air movement in the lodged sesame to avoid seed deterioration after getting good sunlight crop may be harvested and processed.
Sugarcane	Vegetative	Considering the local circulation due to increased temperature and expected summer rains, provide propping to the sugarcane by tying opposite row to prevent from lodging. With the receipt of rainfall, late season sugarcane setts may be planted to save ground and surface water.
Banana		Considering the local circulation and expected summer rains, provide propping to the banana of more than five months old to prevent from lodging.
Turmeric	Sowing	By utilizing rainfall, dibbling in turmeric rhizomes may be continued by providing proper drainage.
Tapioca		By utilizing the received and anticipated rainfall harvest may be programmed in Tapioca.
Grapes		For monsoon crop of grapes, pruning may be done since weather is favourable for this operation
Coconut		Summer rains during next two months may be harvested in root zone of coconut by deepening the tree basin with inward slopes. Till then, ensure to provide 100 liters of water per tree per day to maintain the productivity.
Animal Husbandry		Rain is expected during this week. Check the roofs of animal shed and repair leakages.

### **SMS advisory**

- Rainfall is expected during this week, summer ploughing against can be done the slope to harvest summer rains.

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