



# Tamil Nadu Agricultural University

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India Meteorological Department

Agromet Advisory Bulletin for the Coimbatore District

Bulletin No.052/2024 Issued on 28.06.2024

(From 29<sup>th</sup> June 2024 to 03<sup>rd</sup> July 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 051 (25.06.2024) for Tamil Nadu. Maximum temperature ranged from 31°C to 37°C and minimum temperature ranged from 23°C to 29°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 15°C to 19°C and minimum temperature ranged from 12°C to 13°C. During this period occurred rainfall was recorded in Tamil Nadu.

## Coimbatore District Past Weather

In Coimbatore district, during 25.06.2024 to 27.06.2024 the Maximum temperature was recorded 29°C to 33°C the minimum temperature was 22°C to 23°C. The morning relative humidity recorded was 88 per cent and evening relative humidity was 80 per cent. The average wind speed recorded was 19-24 km per hour and the wind direction were from East direction.

## Weather Summary for Coimbatore district

Past Week Summary (25.06.2024 to 27.06.2024)			Ensemble weather forecast valid until 08.30 hrs of 03.07.2024					
Day-1 25/06	Day-2 26/06	Day-3 27/06	Date	Day-1 29/06	Day-2 30/06	Day-3 01/07	Day-4 02/07	Day-5 03/07
15.5	40.4	21.1	Rainfall	0	1	2	3	2
33	31	29	Max. Temp. (°C)	32	32	31	31	30
22	23	23	Mini. Temp. (°C)	22	21	21	21	21
7	8	7	Cloud cover (Octa)	5	7	6	6	7
87	88	82	RH morning (%)	80	80	80	80	80
80	84	85	RH evening (%)	50	50	60	50	60
21	24	19	Wind (kmph)	18	18	18	18	18
230	250	250	Wind Direction	250	250	250	250	250

## Weather forecast for next five days: (29.06.2024 to 03.07.2024)

According to district forecast issued by the India Meteorological Department for Coimbatore district, sky will be cloudy. Light rainfall is expected on 30.6.24, 01.7.24, 02.7.24 & 03.07.24 . Maximum temperature is expected to be around 30°C to 32°C. Minimum temperature is expected to be around 21°C to 22°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 18 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
29-06-2024	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30-06-2024	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
01-07-2024	3.0	2.0	3.0	1.0	0.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0
02-07-2024	4.0	3.0	4.0	2.0	1.0	2.0	3.0	3.0	2.0	2.0	2.0	2.0
03-07-2024	2.0	3.0	3.0	1.0	1.0	1.0	2.0	2.0	1.0	3.0	2.0	1.0

**Agro Advisory**

Crop	Stage	Advisory
General		Drizzling or light rainfall is expected along with heavy wind speeds of 10 – 26 kmph during this week in Western zone districts. Moderate rain may occur in the areas near western Ghat. Irrigation may be done based on soil moisture. Schedule the chemical sprays during non rainy and low wind speed hours.
Rice	Transplanting	Moderate rainfall is expected. Ensure adequate drainage facility in recently transplanted rice. To control blast disease spray Azoxystrobin @ 25 SC @ ml / lit of hopper incidence noticed, spray Imidacloprid 17.8 % SL@ 0.3 ml/lit.
Maize	Sowing	Utilizing the rainfall, irrigated maize sowing may be done seed treatment with Metalaxyl @ 2g/ Kg of seeds.
Groundnut	Vegetative	By utilizing received rainfall gypsum may be applied @ 400 kg/ha for 45 days old groundnut crop Prevailing weather is conducive for the cercospora leaf spot in groundnut monitor the disease initiation and if already crop is infected spray Mangozeb @ 2.5 g per litre of water.
Sugarcane	Vegetative	Considering the high wind speed with light rainfall provide propping to the sugarcane by tying opposite row to prevent from lodging. If crown mealy bug incidence noticed, spray Imidachloprid 17.8% SL @ 0.3ml / lit.

Banana		Considering the high wind speed @ 10-24 kmph, provide propping to the banana of more than five months old to prevent from lodging.
Grapes		June is the best time for pruning in monsoon grape crop. Weak and immature branches should be pruned without damaging in vines.
Coconut		Since southwest monsoon has started, dig the pits for planting tree crops. Conserve the expected rainfall by providing basin in coconut farms. Apply fertilizer for the coconut trees more than 5 years @ 650 g urea, 1 kg super phosphate, 1 kg potash per tree. And also apply 250 g of micro nutrient per tree and don't mix micro nutrient with soil.
Animal Husbandry		Due to high wind speed, feed material of poultries may drift. Hanging of gunny bags along the borders is advised to reduce the wind speed. Heavy wind leads to frequent desiccation to poultries especially broiler birds. To avoid this good quality sufficient quantity of water should be given to sustain the body weight. Provide adequate cool drinking water to all the animals to prevent thirst for water due to high wind speed. Considering high relative humidity, prevent mastitis disease in milch animals by washing the udder with potassium permanganate solution before and after milking.

**SMS advisory:**

- Utilizing the rainfall, irrigated maize sowing may be continued with Imidacloprid 70 WS seed treatment @ 10g/ Kg of seeds.

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