



**Tamil Nadu Agricultural University**  
&  
**India Meteorological Department**  
**Agromet Advisory Bulletin for the Coimbatore District**  
**Bulletin No.0101/2023 Issued on 19.12.2023**  
**(From 20<sup>th</sup> December 2023 to 24<sup>th</sup> December 2023)**  
**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 100 (15.12.2023) for Tamil Nadu. Maximum temperature ranged from 26°C to 33°C and minimum temperature ranged from 21°C to 25°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 14°C to 23°C and minimum temperature ranged from 08°C to 12°C. During this period isolated rainfall was recorded in Tamil Nadu.

**Coimbatore District Past Weather**

In Coimbatore district, during 15.12.23 to 18.12.23 the Maximum temperature was recorded was 28°C to 30°C and the minimum temperature was 20°C to 23°C. The morning relative humidity recorded was 96 per cent and evening relative humidity was 61 per cent. The average wind speed recorded was 7-15 km per hour and the wind direction were from East direction.

**Weather Summary for Coimbatore district**

Past week Summary (15.12.2023 to 18.12.2023)				Ensemble weather forecast valid until 08.30 hrs of 24.12.2023					
Day-1 15/12	Day-2 16/12	Day-3 17/12	Day-4 18/12	Date	Day-1 20/12	Day-2 21/12	Day-3 22/12	Day-4 23/12	Day-5 24/12
0.0	0.0	0.8	17.3	<b>Rainfall</b>	4	0	0	0	0
29	30	30	28	<b>Max. Temp. (°C)</b>	25	26	26	27	27
20	21	23	22	<b>Mini. Temp. (°C)</b>	22	23	23	24	24
7	6	8	8	<b>Cloud cover (Octa)</b>	7	6	5	4	5
84	83	86	96	<b>RH morning (%)</b>	90	90	90	90	80
62	61	91	83	<b>RH evening (%)</b>	60	60	50	40	50
10	7	15	7	<b>Wind (kmph)</b>	10	10	8	8	10
70	90	70	70	<b>Wind Direction</b>	70	70	70	70	70

**Weather forecast for next five days: (20.12.2023 to 24.12.2023)**

According to district forecast issued by the India Meteorological Department for Coimbatore district, sky will be cloudy. Light drizzling rainfall is expected on 19.12.2023. Maximum temperature is expected to be around 25°C to 27°C. Minimum temperature is expected to be around 22°C to 24°C. Morning relative humidity is expected to be around 90 per cent and evening relative humidity is expected to be around 40 per cent. Average wind speed is expected to be around 8-10 km per hour and the wind direction will be from East 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
20-12-2023	1.0	2.0	3.0	1.0	1.0	2.0	1.0	1.0	2.0	2.0	2.0	1.0
21-12-2023	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22-12-2023	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23-12-2023	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24-12-2023	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

### Agro Advisory

Crop	Stage	Advisory
General		<p>Drizzling or light rainfall is expected during next week with wind speed of 4 -10 km/hr in western zone districts.</p> <p>By utilizing the favourable weather and soil moisture, complete all the postponed sprays, fertilizer application and weeding during non rainy period.</p>
Rice	Vegetative	<p>Prevailing weather condition is favourable for false smut attack in rice. To control 1 ml propiconazole or 1ml hexaconazole or copper oxychloride 2.5 g/lit or copper hydroxide 2.5 g/ lit. If required repeat the spray at 15 days interval.</p> <p>Since weather condition is favourable for blast incidence in rice farmers are requested to monitor the crop carefully and spray initially with tricyclozone @ 1g / litre followed by second spray with 1g carbendazim / litre of water.</p> <p>Because of low temperature and high relative humidity, infection from bacterial leaf blight is expected in rice crop. To control spray Streptomycin sulphate + Tetracycline combination 300 g + Copper oxychloride 1250 g/ha or Copper hydroxide 2g/lit of water. If necessary repeat 15 days later.</p>
Coconut		<p>This is best time for second dose application of fertilizer to coconut at 650 g urea + 1 kg super phosphate + 1 kg muriate of potash / tree.</p>

Grapes		<p>Prevailing low temperature with more relative humidity is favourable for powdery mildew incidence in grapes and to control the above disease spray 0.3% of wettable sulphur or dust sulphur @ 6 to 12kg /ha. in the early morning.</p> <p>Downy mildew incidences noticed, spray cymoxanil 8% + Mancozeb 64% @ 1g/liter</p>
Animal Husbandry		<p>Considering the monsoon season, and consumption of grasses, deworming may be given to sheep, goat, cattle and milch animals.</p> <p>Prevailing temperature is low during day and night. Provide adequate heating to young birds.</p>

**SMS advisory**

- Prevailing temperature is low during day and night. Provide adequate heating to young birds through lights and gunny bags screens.

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