



Tamil Nadu Agricultural University

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India Meteorological Department

Agromet Advisory Bulletin for the Coimbatore District

Bulletin No.072/2023 Issued on 08.09.2023

(From 09th September 2023 to 13th September 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 071 (05.09.2023) for Tamil Nadu. Maximum temperature ranged from 30°C to 37°C and minimum temperature ranged from 22°C to 27°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 17°C to 21°C and minimum temperature ranged from 11°C to 13°C. During this period isolated rainfall was recorded in Tamil Nadu.

Coimbatore District Past Weather

In Coimbatore district, during 05.09.23 to 07.09.23 the Maximum temperature was recorded was 34°C and the minimum temperature was 22°C. The morning relative humidity recorded was 87 per cent and evening relative humidity was 56 per cent. The average wind speed recorded was 22-24 km per hour and the wind direction were from South West direction.

Weather Summary for Coimbatore district

Past week Summary (05.09.2023 to 07.09.2023)			Ensemble weather forecast valid until 08.30 hrs of 13.09.2023					
Day-1 05/09	Day-2 06/09	Day-3 07/09	Date	Day-1 09/09	Day-2 10/09	Day-3 11/09	Day-4 12/09	Day-5 13/09
9.7	5.3	9.5	Rainfall	22	23	2	2	4
32	32	34	Max. Temp. (°C)	31	30	30	30	30
24	22	23	Mini. Temp. (°C)	22	21	21	20	20
6	7	7	Cloud cover (Octa)	8	8	7	6	7
83	87	81	RH morning (%)	70	70	70	70	70
56	78	76	RH evening (%)	40	40	50	40	40
22	22	24	Wind (kmph)	18	20	16	16	15
230	230	230	Wind Direction	250	250	250	250	250

Weather forecast for next five days:(09.09.2023 to 13.09.2023)

According to district forecast issued by the India Meteorological Department for Coimbatore district, sky will be cloudy. Moderate rainfall is expected on next five days. Maximum temperature is expected to be around 30°C to 31°C . Minimum temperature is expected to be around 20°C to 22°C. Morning relative humidity is expected to be around 70 per cent and evening relative humidity is expected to be around 40 per cent. Average wind speed is expected to be around 15-20 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
09-09-2023	12.0	11.0	15.0	14.0	17.0	17.0	12.0	12.0	16.0	10.0	13.0	17.0
10-09-2023	14.0	12.0	16.0	16.0	18.0	18.0	14.0	14.0	17.0	11.0	14.0	18.0
11-09-2023	6.0	3.0	5.0	3.0	1.0	2.0	5.0	5.0	1.0	2.0	1.0	2.0
12-09-2023	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13-09-2023	2.0	2.0	3.0	2.0	1.0	2.0	2.0	2.0	2.0	1.0	1.0	2.0

Agro Advisory

Crop	Stage	Advisory
General		<p>Moderate rainfall is expected in Coimbatore and light rainfall in Erode and Tiruppur is expected high wind speed of 8 - 20 km/hr during next five days. The Coimbatore and Tiruppur districts may have very high windspeed (> 14 km/hr).</p> <p>Light rainfall is expected in western zone districts, irrigation may be given based on soil moisture.</p> <p>Soil moisture may be protected with crop residue mulches.</p> <p>With the receipt of anticipated rainfall dry lands may be prepared for sowing groundnut and millets during North East Monsoon.</p>
Rice	Sowing	Anticipating rainfall, samba season nursery sowing may be taken up for medium duration rice. Treat the seeds with Bacillus subtilis @10g/kg of seeds.
Sugarcane	Vegetative	Since rainfall with squally wind is expected, dethrash and propping in five months old sugarcane crop is recommended against the lodging. If any Top rot symptoms noticed, spray propiconazole @ 1ml/liter + Imidacloprid 17.5 SL @ 0.3ml / liter to prevent pokkah boeng disease of sugarcane.

Tomato		Weather is favourable for leaf minor in vegetable crops. Spray Neem 5% Seed Kernel Extract to control it. Spray mancozep @ 2g/liter to prevent early blight disease.
Banana	Above 5 months old	Rain fall with 15-20 km/hour wind speed may cause lodging in banana. Provide support to five months and above old banana. Spray Propiconazole @ 1ml/liter +wetting agent @1ml/lit to prevent sigatoka leaf spot disease.
Turmeric	Vegetative	Turmeric is at bulking stage, which is critical for both moisture stress and excess water. Hence, care to keep sufficient moisture and avoid excess moisture or over dry. Apply Trichoderma viride @ 2.5 kg/ha mixing with 250kg of FYM in soil to prevent rhizome rot disease.
Animal Husbandry		Present weather is conducive for foot and mouth disease and mastitis disease in milching animals. Clean the Udder before and after milking with 1% Potassium permanganate. Keep the shed clean.

SMS advisory

- Light rainfall is alone expected in western zone districts. Soil moisture may be protected with crop residue mulches.

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