



Tamil Nadu Agricultural University
&
India Meteorological Department
Agromet Advisory Bulletin for the Coimbatore District
Bulletin No.100/2022 Issued on 16.12.2022
(From 17th December 2022 to 21th December 2022)
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 099 (13.12.2022) for Tamil Nadu. Maximum temperature ranged from 24°C to 34°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 18°C and minimum temperature ranged from 6°C to 11°C. During this period isolated rainfall was recorded in Tamil Nadu.

Coimbatore District Past Weather

In Coimbatore district, during 13.12.22 to 15.12.22 the Maximum temperature was recorded as 28°C to 30°C and the minimum temperature was 21°C to 22°C. The Morning relative humidity recorded was 95 per cent and evening relative humidity was 42 per cent. The average wind speed recorded was 2-12 km per hour and the wind direction were from South West direction.

Weather Summary for Coimbatore district

Past week Summary (13.12.2022 to 15.12.2022)			Date	Ensemble weather forecast valid until 08.30 hrs of 21.12.2022				
Day-1 13/12	Day-2 14/12	Day-3 15/12		Day-1 17/12	Day-2 18/12	Day-3 19/12	Day-4 20/12	Day-5 21/12
3.4	13.5	2.9	Rainfall	0	0	0	3	4
28	30	28	Max. Temp. (°C)	30	31	30	31	30
21	22	22	Mini. Temp. (°C)	19	20	20	21	19
7	7	5	Cloud cover (Octa)	6	7	6	7	8
90	95	91	RH morning (%)	80	90	90	90	90
70	68	42	RH evening (%)	40	50	50	50	60
9	2	12	Wind (kmph)	6	6	6	8	6
70	50	50	Wind Direction	90	70	110	90	110

Weather forecast for next five days: (17.12.2022 to 21.12.2022)

According to district forecast issued by the India Meteorological Department for Coimbatore district, sky will be mostly cloudy. Drizzling rainfall is expected on 20.12.22 & 21.12.22. Maximum temperature is expected to be around 30°C to 31°C. Minimum temperature is expected to be around 19°C to 21°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 6-8 km per hour and the wind direction will be from South 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
17-12-2022	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18-12-2022	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19-12-2022	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20-12-2022	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21-12-2022	6.0	2.0	3.0	4.0	3.0	2.0	5.0	5.0	2.0	2.0	2.0	3.0

Agro Advisory

Crop	Stage	Advisory
General		<p>Mostly dry or drizzling rainfall alone is expected with wind speed of 6-8 km/hr in western zone during next five days.</p> <p>All the intercultural operations such as weeding, fertilizer and pesticide application may be completed by using the dry days ahead.</p> <p>Irrigation may be provided based on soil moisture.</p>
Rice	Vegetative Flowering	<p>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>Considering the cool weather preparation of paddy nursery may be initiated for Navarai season.</p> <p>Considering the dry weather during current week provide irrigation to samba paddy which is at grain filling stage.</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.</p> <p>Early planted samba rice may be harvested and mechanical drying may be given since, no rainfall is anticipated.</p>

Bengal gram	Vegetative & Flowering	Prevailing weather conditions favourable for the wilt disease in Bengal gram therefore spray Carbendazim 1g /litre of water.
Cotton	Harvest	By utilizing the dry weather, the cotton kapas may be picked up during non rainy hours, shaded dried and stored immediately.
Banana		Garden land banana may be planted and apply irrigation
Turmeric		Since drizzling alone is expected, provide irrigation to turmeric which is at its rhizome development stage.
Tapioca		Since drizzling alone is expected, ensure sufficient soil moisture for tapioca as it is at tuber development stage.
Coconut		It is best time for fertilizer application for coconut. Apply 650g urea, each one kg of Super Phosphate and Muriate of Potash may be applied with 500 g micronutrient, 2 kg of Neem cake and 50 kg of FYM. For nut bearing coconut, root feed TNAU coconut tonic @200ml/palm once in six months.
Animal		Considering the high humid and cool weather provide adequate good drinking water to animals.

SMS advisory

- Weather condition is favourable for blast incidence in rice spray initially with tricyclozone @ 1g / litre & 2nd spray with 1g carbendazim / litre of water.

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