



Tamil Nadu Agricultural University

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India Meteorological Department

Agromet Advisory Bulletin for the Coimbatore District

Bulletin No.088/2022 Issued on 04.11.2022

(From 05th November 2022 to 09th November 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 087 (01.11.2022) for Tamil Nadu. Maximum temperature ranged from 24°C to 34°C and minimum temperature ranged from 19°C to 23°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 16°C to 21°C and minimum temperature ranged from 9°C to 12°C. During this period isolated rainfall was recorded in Tamil Nadu.

Coimbatore District Past Weather

In Coimbatore district, during 01.11.22 to 03.11.22 the Maximum temperature was recorded as 31°C to 32°C and the minimum temperature was 22°C to 23°C. The Morning relative humidity recorded was 85 per cent and evening relative humidity was 66 per cent. The average wind speed recorded was 8-14 km per hour and the wind direction were from South West direction.

Weather Summary for Coimbatore district

Past week Summary 01.11.2022 to 03.11.2022)			Date	Ensemble weather forecast valid until 08.30 hrs of 09.11.2022				
Day-1 01/11	Day-2 02/11	Day-3 03/11		Day-1 05/11	Day-2 06/11	Day-3 07/11	Day-4 08/11	Day-5 09/11
0.0	8.3	9.2	Rainfall	20	18	10	8	4
32	32	31	Max. Temp. (°C)	28	28	29	30	31
23	22	22	Mini. Temp. (°C)	21	21	20	19	19
7	7	6	Cloud cover (Octa)	7	7	5	4	4
85	85	83	RH morning (%)	85	85	85	85	85
67	90	66	RH evening (%)	75	75	70	60	55
14	8	10	Wind (kmph)	4	6	6	6	6
90	50	90	Wind Direction	90	90	70	50	50

Weather forecast for next five days:(05.11.2022 to 09.11.2022)

According to district forecast issued by the India Meteorological Department for Coimbatore district, sky will be mostly cloudy. Moderate to heavy rainfall is expected on next five days. Maximum temperature is expected to be around 28°C to 31°C. Minimum temperature is expected to be around 19°C to 21°C. Morning relative humidity is expected to be around 85 per cent and evening relative humidity is expected to be around 55 per cent. Average wind speed is expected to be around 4-6 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	Sarcasamakulam	Sultanpet	Sulur	Thondamuthur
05-11-2022	38.0	21.0	23.0	26.0	22.0	21.0	33.0	33.0	20.0	22.0	20.0	24.0
06-11-2022	27.0	18.0	19.0	21.0	18.0	18.0	25.0	25.0	17.0	19.0	18.0	20.0
07-11-2022	23.0	12.0	13.0	14.0	11.0	10.0	19.0	19.0	10.0	13.0	11.0	12.0
08-11-2022	9.0	6.0	7.0	7.0	6.0	6.0	8.0	8.0	6.0	6.0	6.0	7.0
09-11-2022	0.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	1.0

Agro Advisory

Crop	Stage	Advisory
General		<p>Moderate to heavy rainfall is expected with wind speed of 4- 6 km/hr is expected in western zone during next five days.</p> <p>Both minimum and maximum temperature are low.</p> <p>Provide adequate drainage to all the crops and avoid fertilizer or pesticide applications.</p>
Rice	Vegetative	<p>Prevailing high relative humidity is favourable for bacterial leaf blight in rice. Application of copper hydroxide 77 WP @ 1.25 kg/ha or streptomycin sulphate + tetracycline combination @ 300 g + copper oxychloride @ 1.25 kg/ha should be carried out.</p>
Gourds	Flowering	<p>Incessant rainfall is favourable for more vegetative growth in gourds at the time flowering. Hence to get more flowers and fruit set, spray ethrel @ 100ppm for all gourds except ribbed gourd where 200ppm is recommended. Two spray may be scheduled after the expected rainydays.</p>
Grapes		<p>Prevailing weather is favourable for the downy mildew incidence in grapes and therefore farmers are requested to monitor the crop carefully and spray 1% Bordeaux mixture if needed during non rainy hours.</p>

Mango		Due to continuous rain till last week, mango tree may put higher vegetative growth and hence spray 1% Potassium nitrate or Paclobutrazol @10gm a. i per tree may be scheduled after the expected rainydays.
Turmeric		Provide adequate drainage to prevent rhizome rot
Animal		<p>The chance of occurrence of foot and mouth disease in cattle during rainy season is more and therefore vaccination against the disease is warranted.</p> <p>Since rainfall is expected, drainage in and around cattle and poultry sheds may be provided to avoid water stagnation. Further farmers are requested to safeguard the feed and fodder material from rain soaking.</p>

SMS advisory

- Moderate to heavy rainfall is expected during next five days. Provide adequate drainage to all the crops.

**Professor and Head
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