



Tamil Nadu Agricultural University

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India Meteorological Department

Agromet Advisory Bulletin for the Coimbatore District

Bulletin No.017/2023 Issued on 28.02.2023

(From 01st March 2023 to 05th March 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 016 (24.02.2023) for Tamil Nadu. Maximum temperature ranged from 31°C to 35°C and minimum temperature ranged from 17°C to 24°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 19°C to 25°C and minimum temperature ranged from 5°C to 9°C. During this period isolated no rainfall was recorded in Tamil Nadu.

Coimbatore District Past Weather

In Coimbatore district, during 24.02.23 to 27.02.23 the Maximum temperature was recorded as 33°C to 35°C and the minimum temperature was 18°C to 20°C. The Morning relative humidity recorded was 74 per cent and evening relative humidity was 16 per cent. The average wind speed recorded was 11-14 km per hour and the wind direction were from South West direction.

Weather Summary for Coimbatore district

Past week Summary (24.02.2023 to 27.02.2023)					Ensemble weather forecast valid until 08.30 hrs of 05.03.2023				
Day-1 24/02	Day-2 25/02	Day-3 26/02	Day-3 27/02	Date	Day-1 01/03	Day-2 02/03	Day-3 03/03	Day-4 04/03	Day-5 05/03
0	0	0	0	Rainfall	1	0	0	0	0
33	34	35	34	Max. Temp. (°C)	33	33	34	35	35
20	20	19	18	Mini. Temp. (°C)	21	21	22	22	22
3	2	3	3	Cloud cover (Octa)	1	2	2	2	2
74	66	55	61	RH morning (%)	80	80	60	60	80
27	21	16	23	RH evening (%)	30	30	20	20	20
11	14	13	12	Wind (kmph)	4	6	6	8	6
90	70	90	90	Wind Direction	90	70	70	110	90

Weather forecast for next five days: (01.03.2023 to 05.03.2023)

According to district forecast issued by the India Meteorological Department for Coimbatore district, sky will be mostly clear. Dry weather is expected on next five days. Maximum temperature is expected to be around 33°C to 35°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 20 per cent. Average wind speed is expected to be around 4-8 km per hour and the wind direction will be from North 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
01-03-2023	0	0	0	0	0	0	0	0	0	0	0	0
02-03-2023	0	0	0	0	0	0	0	0	0	0	0	0
03-03-2023	0	0	0	0	0	0	0	0	0	0	0	0
04-03-2023	0	0	0	0	0	0	0	0	0	0	0	0
05-03-2023	0	0	0	0	0	0	0	0	0	0	0	0

Agro Advisory

Crop	Stage	Advisory
General		<p>Clear sky and dry days with wind speed of 4-8 km/hr is expected in western zone during next five days. Temperature is increasing.</p> <p>Dry days are continued. Provide irrigation based on soil moisture during evening hours and apply mulches to conserve moisture.</p> <p>By utilizing dry weather harvested produce may be dried and stored properly.</p>
Maize	Flowering	As maize crop is most sensitive to moisture stress at 45 to 65 days after sowing, ensure optimum moisture availability by providing irrigation to avoid yield loss at harvest.
Sugarcane	Vegetative	Since dry weather is continuing, early shoot borer incidence in sugarcane may be increased. Hence farmers are requested to provide frequent irrigation to keep the field wet and do mulching.
Vegetables	Vegetative	Since temperature starts increasing, sucking pest like aphids, Thrips, Leaf Minor and Jassids may increases in Vegetable crops. If needed spray 5% Neem Seed Kernal Extract.
Banana	Planting	Dry wind with 4- 8 km is expected in Western Zone districts. Protect the 5 months and above old Banana from lodging with adequate support.

Animal		<p>Provide clean drinking water to animals and poultry enough to meet the hot dry weather.</p> <p>Considering the rising maximum temperature and high morning relative humidity, it is proposed give Foot and Mouth diseases vaccination to all cattle's and buffalo.</p> <p>Vaccination to the sheep may be done in near be veterinary hospital against the fox disease</p> <p>Considering the temperature rise, milch animals need mineral mixture and hence 50grams of TANUVAS smart mineral mixture per animal per day may be mixed along with animal feed. Since temperature is rising provide enough drinking water.</p> <p>Considering the increasing temperature, artificial insemination to animals may be done in morning before 11am after cooling the animals by bathing.</p>
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SMS advisory

- Maize crop is most sensitive to moisture stress during flowering. Ensure optimum soil moisture by providing irrigation to avoid yield loss at harvest.

**Professor and Head
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