



Tamil Nadu Agricultural University

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India Meteorological Department

Agromet Advisory Bulletin for the Coimbatore District

Bulletin No.019/2023 Issued on 07.03.2023

(From 08th March 2023 to 12th 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 018 (07.03.2023) for Tamil Nadu. Maximum temperature ranged from 31°C to 35°C and minimum temperature ranged from 15°C to 25°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 16°C to 25°C and minimum temperature ranged from 5°C to 9°C. During this period isolated rainfall was recorded in Tamil Nadu.

Coimbatore District Past Weather

In Coimbatore district, during 03.03.23 to 06.03.23 the Maximum temperature was recorded as 34°C to 35°C and the minimum temperature was 17°C to 21°C. The Morning relative humidity recorded was 70 per cent and evening relative humidity was 15 per cent. The average wind speed recorded was 11-18 km per hour and the wind direction were from South West direction.

Weather Summary for Coimbatore district

Past week Summary (03.03.2023 to 06.03.2023)					Ensemble weather forecast valid until 08.30 hrs of 12.03.2023				
Day-1 03/03	Day-2 04/03	Day-3 05/03	Day-4 06/03	Date	Day-1 08/03	Day-2 09/03	Day-3 10/03	Day-4 11/03	Day-5 12/03
0.0	0.0	0.0	0.0	Rainfall	0	0	0	0	0
33	34	34	35	Max. Temp. (°C)	34	34	35	35	35
17	19	21	19	Mini. Temp. (°C)	20	20	20	20	20
3	3	3	2	Cloud cover (Octa)	1	0	0	0	0
49	70	48	45	RH morning (%)	70	70	80	80	80
15	20	29	24	RH evening (%)	20	20	20	20	20
13	18	15	11	Wind (kmph)	6	6	6	6	6
90	70	70	70	Wind Direction	70	70	70	20	90

Weather forecast for next five days: (08.03.2023 to 12.03.2023)

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 34°C to 35°C. Minimum temperature is expected to be around 20°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 6 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
08-03-2023	0	0	0	0	0	0	0	0	0	0	0	0
09-03-2023	0	0	0	0	0	0	0	0	0	0	0	0
10-03-2023	0	0	0	0	0	0	0	0	0	0	0	0
11-03-2023	0	0	0	0	0	0	0	0	0	0	0	0
12-03-2023	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 4-6 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 increase in Vegetable crops. If needed spray 5% Neem Seed Kernel Extract.
Banana	Planting	Dry wind with 4- 6 km is expected in Western Zone districts. Protect the 5 months and above old Banana from lodging with adequate support.

Coconut		<p>With rising temperature and windspeed, minimum of 60 litre of water / tree through drip irrigation may be applied to meet the demand.</p> <p>Coconut husks or coconut fronts may be applied around the trees to conserve moisture.</p>
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>

SMS advisory

- Coconut husks or coconut fronts may be applied around the trees to conserve moisture.

**Professor and Head
Principal Nodal Officer (GKMS)
Agro Climate Research Centre**