



Tamil Nadu Agricultural University

&

India Meteorological Department

Agromet Advisory Bulletin for the Coimbatore District

Bulletin No.032/2024 Issued on 18.04.2024

(From 19th April 2024 to 23st April 2024)

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 031 (16.04.2024) for Tamil Nadu. Maximum temperature ranged from 34°C to 39°C and minimum temperature ranged from 25°C to 28°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 20°C to 28°C and minimum temperature ranged from 11°C to 15°C. During this period occurred rainfall was recorded in Tamil Nadu.

Coimbatore District Past Weather

In Coimbatore district, during 16.04.2024 to 17.04.2024 the Maximum temperature was recorded was 37°C and the minimum temperature was 25°C to 26°C. The morning relative humidity recorded was 78 per cent and evening relative humidity was 28 per cent. The average wind speed recorded was 08-15 km per hour and the wind direction were from East direction.

Weather Summary for Coimbatore district

Past week Summary (16.04.2024 to 17.04.2024)		Ensemble weather forecast valid until 08.30 hrs of 23.04.2024					
Day-1 16/04	Day-2 17/04	Date	Day-1 19/04	Day-2 20/04	Day-3 21/04	Day-4 22/04	Day-5 23/04
0.0	0.0	Rainfall	5	5	4	2	2
37	37	Max. Temp. (°C)	39	38	39	38	38
25	26	Mini. Temp. (°C)	25	24	24	25	24
5	5	Cloud cover (Octa)	6	7	5	3	2
78	53	RH morning (%)	80	80	80	80	80
28	31	RH evening (%)	30	40	20	30	20
8	15	Wind (kmph)	12	12	10	10	8
50	70	Wind Direction	250	250	250	250	230

Weather forecast for next five days: (19.04.2024 to 23.04.2024)

According to district forecast issued by the India Meteorological Department for Coimbatore district, sky will be clear. Light rainfall expected on next five days. Maximum temperature is expected to be around 38°C to 39°C. Minimum temperature is expected to be around 24°C to 25°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 8-12 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
19-04-2024	3.0	1.0	2.0	3.0	3.0	2.0	3.0	3.0	2.0	1.0	2.0	3.0
20-04-2024	7.0	4.0	6.0	4.0	4.0	4.0	6.0	6.0	3.0	3.0	3.0	4.0
21-04-2024	3.0	1.0	3.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	2.0
22-04-2024	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23-04-2024	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Agro Advisory

Crop	Stage	Advisory
General		Drizzling to light rainfall is expected along the western Ghat areas with wind speed of 8-14 km/hr. Rising temperature may bring summer rain during afternoon hours with lightening and thunders. Irrigation may be done based on soil moisture and apply crop residue mulches to all irrigated crops to maintain sufficient soil moisture. Plan for summer ploughing against the slope with soil inverting type ploughs.
Sugarcane	Vegetative	Since continuous dry weather prevailed in some parts of the district is favourable for the early shoot borer attack in sugarcane hence farmers are requested to do irrigation frequently and do mulching if rain is not occurred.
Vegetables Bhendi	Vegetative & Flowering	Prevailing dry weather is favourable for the mite attack in vegetables. Hence monitor the crop and if needed spray dicofol @ 2.5 ml or wettable sulphur @ 3.5 gm per liter of water
Banana		Considering the local circulation due to increased temperature and expected summer rains, provide propping to the banana of more than five months old to prevent from lodging.

Coconut		Summer rains during next two months may be harvested in root zone of coconut by deepening the tree basin with inward slopes. Till then, ensure to provide 100 liters of water per tree per day to maintain the productivity.
Animal Husbandry		<p>Increasing temperature and decreasing relative humidity may cause discomfort to the animals. Hence, provide clean water to both animals and poultry.</p> <p>To avoid the heat stress to animals feed the animal during night or early morning or late evening hours.</p> <p>Summer rains may occur as thunder storm during the afternoon hours. Safeguard the animals.</p>

SMS advisory

- Continuous dry weather is favourable for the early shoot borer in sugarcane, hence do irrigation frequently and do mulching if rain is not occurred.

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