



**Tamil Nadu Agricultural University**  
&  
**India Meteorological Department**  
**Agromet Advisory Bulletin for the Coimbatore District**  
**Bulletin No.036/2021 Issued on 04.05.2021**  
**(From 05<sup>th</sup> May 2021 to 09<sup>th</sup> May 2021)**  
**Issued jointly by Agro Climate Research Centre, TNAU and IMD**



Weather Summary for the period since the issue of last bulletin 035 (30.04.2021) for Tamil Nadu.

Maximum temperature ranged from 34°C to 40°C and minimum temperature ranged from 24°C to 29°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 18°C to 24°C and minimum temperature ranged from 10°C to 12°C. During this period isolated rainfall was observed in Tamil Nadu.

**Weather Summary for Coimbatore district**

<b>Past week Summary (30.04.2021 to 03. 05.2021)</b>					<b>Ensemble weather forecast valid until 08.30 hrs of 09 05.2021</b>				
<b>30/04</b>	<b>01/05</b>	<b>02/05</b>	<b>03/05</b>	<b>Date</b>	<b>Day-1 05/05</b>	<b>Day-2 06/05</b>	<b>Day-3 07/05</b>	<b>Day-4 08/05</b>	<b>Day-4 09/05</b>
0.3	0.2	2.6	0.0	<b>Rainfall (mm)</b>	5	5	4	4	3
37	36	36	37	<b>Max. Temp. (°C)</b>	36	36	36	37	37
25	25	26	25	<b>Mini. Temp. (°C)</b>	25	25	26	26	26
5	5	5	7	<b>Cloud cover (Octa)</b>	5	5	5	6	6
72	71	67	77	<b>RH morning (%)</b>	68	68	68	72	72
37	35	33	41	<b>RH evening (%)</b>	40	40	40	42	42
9	11	11	11	<b>Wind (kmph)</b>	8	8	8	10	10
90	70	70	70	<b>Wind Direction</b>	90	90	70	70	70

**Weather forecast for next five days: (05.05.2021 to 09.05 2021)**

According to district forecast issued by the India Meteorological Department for Coimbatore district, sky will be mostly cloudy, Rainfall with thunderstorm and lightning is likely to occur at isolated places. Maximum temperature is expected to be around 36°C to 37°C. Minimum temperature is expected to be around 25°C to 26°C. Morning relative humidity is expected to be around 68 to 72 per cent and evening relative humidity is expected to be around 40 to 42 per cent. Average wind speed is expected to be around 8 to 10 km per hour and the wind direction will be from East direction.

## Agro Advisory

Crop	Stage	Advisory
General		Rainfall with thunderstorm and lightning is likely to occur in isolated places the Western Ghats districts. Since only light drizzling is expected irrigation may be done according to soil moisture.
Bajra/Cumbu	Sowing and early vegetative	By utilizing rainfall sowing and gap filling of irrigated Cumbu may be continued. Seed hardening may done before sowing with 2% KCl solution (16 hrs soaking 5 hrs shade dry).
Groundnut		This is the right time for sowing of Chithirai pattam rainfed groundnut at Pollachi taluk of Coimbatore district. Field preparation followed by sowing may be done, since rain is anticipated.
Sesame		Considering the maximum and minimum temperature, the sucking pest “Ekkadian” may appear in the milky capsules of summer irrigated Sesame sown during Feb 2 <sup>nd</sup> week. To control the pest spray 5% Neem seed kernels extract during the evening hours.
Sugarcane	Vegetative	Detrashing (removing dry cane leaves) may be done in six months old sugarcane to protect against anticipated high wind speed and rainfall. Since increasing temperature and decreasing RH are expected, frequent irrigation is essential for just planted sugarcane crop to improve the germination.
Grapes		For monsoon crop of grapes, pruning may be done since weather is favourable for this operation
Coconut		Basin of Coconut may be harrowed with spade and khurpi or hand hoe to conserve rain water received from anticipated rainfall. Light drizzling is alone expected. Hence irrigation may be done according to soil moisture.
Turmeric	Planting	Considering the prevailing weather turmeric rhizome may be planted after land preparation.
Tapioca		The saline concentration of irrigation water of wells and bore wells normally increases in summer months and this will create yellowing or browning of leaves leads to death of lower leaves. This symptom normally occurs in tapioca due to saline water irrigation. The following management measures may be adopted to reduce the damage. <ol style="list-style-type: none"> <li>1. Frequent irrigation to keep the soil moisture wet and to avoid accumulation of salt in the surface of the soil.</li> <li>2. Irrigation may be done during early morning or late evening hours.</li> <li>3. Application of organic manure to neutralize the salt.</li> <li>4. Spraying of good quality water during evening and morning hours.</li> <li>5. Mixing of good quality water with well water for irrigation.</li> </ol>
Mushroom		Since high temperature is prevailing, application of water through sprinkler irrigation is beneficial to the mushroom shed to increase the productivity.
Animal Husbandry		Considering the hot weather, do not allow animal to stay outside during 11am to 4 pm. Air temperature is increasing, hence keep the shed cool to maintain milk production. Wherever no rainfall, application of water over the sheds of the cattle and poultry will reduce the heat stress or even hanging of wetted gunny bags will also reduce the temperature in considerable extent.

### SMS advisory

- Since increasing temperature and decreasing RH are expected, frequent irrigation is essential for just planted sugarcane crop to improve the germination.

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