



Tamil Nadu Agricultural University

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India Meteorological Department

Agromet Advisory Bulletin for the Coimbatore District

Bulletin No.041/2022 Issued on 24.05.2022

(From 25th May 2022 to 29th May 2022)

Issued jointly by Agro Climate Research Centre, TNAU and IMD



Weather Summary for the period since the issue of last bulletin 040 (20.05.2022) for Tamil Nadu. Maximum temperature ranged from 32°C to 39°C and minimum temperature ranged from 21°C to 30°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 15°C to 19°C and minimum temperature ranged from 11°C to 13°C. During this period isolated rainfall was recorded in Tamil Nadu.

Weather Summary for Coimbatore district

Past week Summary (19.05.2022 to 23.05.2022)					Date	Ensemble weather forecast valid until 08.30 hrs of 29.05.2022				
Day-1 19/05	Day-2 20/05	Day-3 21/05	Day-4 22/05	Day-5 23/05		Day-1 25/05	Day-2 26/05	Day-3 27/05	Day-4 28/05	Day-5 29/05
24.9	5.0	24.7	26.8	7.6	Rainfall	20	25	20	25	25
29	27	32	33	30	Max. Temp. (°C)	33	33	33	33	33
21	23	23	23	22	Mini. Temp. (°C)	24	23	23	23	23
8	6	5	6	4	Cloud cover (Octa)	7	7	7	7	7
95	65	76	80	83	RH morning (%)	85	85	85	85	85
74	76	66	78	71	RH evening (%)	50	50	50	50	50
22	23	21	24	20	Wind (kmph)	15	15	15	15	15
200	230	230	200	200	Wind Direction	230	230	230	230	230

Weather forecast for next five days: (25.05.2022 to 29.05.2022)

According to district forecast issued by the India Meteorological Department for Coimbatore district, sky will be partly cloudy. Moderate to heavy rainfall is expected. Maximum temperature is expected to be around 33°C. Minimum temperature is expected to be around 23°C to 24°C. Morning relative humidity is expected to be around 85 per cent and evening relative humidity is expected to be around 50 per cent. Average wind speed is expected to be around 15 km per hour and the wind direction will be from South West direction.

Agro Advisory

Crop	Stage	Advisory
General		<p>Light to moderate rainfall with thunder and lightning is expected in western zone districts.</p> <p>Based on the soil moisture content, irrigation may be given to the irrigated crops and apply crop residue mulch to reduce water loss through evaporation.</p> <p>To harvest the summer rains, summer ploughing may be done against the slop with inverting type of plough.</p>
Rice	Sowing	<p>This is the best time for sowing of Kuruvai rice nursery and hence farmers with adequate water facility can take up this sowing. Rainfall is expected. Hence, provide adequate drainage to recently sown nursery</p>
Groundnut	Sowing	<p>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.</p> <p>Gap filling may be done in recently sown groundnut by utilizing anticipated rainfall.</p>
Sesamum	Harvest	<p>Make suitable arrangement to facilitate air movement in the lodged sesame to avoid seed deterioration after getting good sunlight crop may be harvested and processed.</p>
Banana		<p>Since rainfall with wind more than 10 kmph is expected, propping may be done to banana crop to prevent lodging.</p>
Grapes		<p>Considering the prevailing weather, pruning may be done in monsoon Grapes at 2 buds level for Thompson variety and 4 buds level for other varieties.</p>
Turmeric	Land preparation	<p>By utilizing expected rainfall, planting of turmeric may be done after tuber treatment.</p> <p>This is the ideal condition for planting turmeric. Hence farmers are requested to take up planting. After planting farmers requested to use pre emergence herbicides to controlling weeds during non rainy days pendimethalin @ 3.3 lit / ha with 500 liters of wage</p>
Coconut		<p>Provide inward ring basin around Coconut and fruit tree crops to harvest summer rains in root zone.</p>
Animal		<p>Rainfall with thunderstorm is expected. Protect the animal properly. Safeguard the dry feed from rain and moisture.</p> <p>Since Wind speed of 10 -15 km is expected along with rainfall, provide adequate care to the animal sheds.</p> <p>Do not allow the animals to graze on newly grown grasses, due to the receipt of last week rain.</p>

SMS advisory

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