



Tamil Nadu Agricultural University
&
India Meteorological Department
Agromet Advisory Bulletin for the Coimbatore District
Bulletin No.043/2022 Issued on 31.05.2022
(From 01st June 2022 to 05th June 2022)
Issued jointly by Agro Climate Research Centre, TNAU and IMD



Weather Summary for the period since the issue of last bulletin 042 (27.05.2022) for Tamil Nadu. Maximum temperature ranged from 31°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 22°C and minimum temperature ranged from 9°C to 12°C. During this period isolated rainfall was recorded in Tamil Nadu.

Weather Summary for Coimbatore district

Past week Summary (26.05.2022 to 30.05.2022)						Ensemble weather forecast valid until 08.30 hrs of 05.06.2022				
Day-1 26/05	Day-2 27/05	Day-3 28/05	Day-4 29/05	Day-5 30/05	Date	Day-1 01/05	Day-2 02/05	Day-3 03/05	Day-4 04/05	Day-5 05/06
5.3	10.4	7.5	1.3	0.0	Rainfall	15	8	10	8	6
36	35	34	34	35	Max. Temp. (°C)	33	33	33	33	33
24	24	23	24	23	Mini. Temp. (°C)	23	23	23	23	23
6	5	5	5	5	Cloud cover (Octa)	7	7	7	7	7
78	78	73	69	77	RH morning (%)	85	85	85	85	85
71	66	64	58	57	RH evening (%)	55	55	55	55	55
18	12	19	17	15	Wind (kmph)	15	15	15	15	15
230	200	230	230	180	Wind Direction	230	230	230	230	230

Weather forecast for next five days: (01.06.2022 to 05.06.2022)

According to district forecast issued by the India Meteorological Department for Coimbatore district, sky will be partlycloudy. Light to moderate rainfall is expected on next five days. Maximum temperature is expected to be around 33°C. Minimum temperature is expected to be around 23°C. Morning relative humidity is expected to be around 85 per cent and evening relative humidity is expected to be around 55 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>By utilizing is expected rainfall rice nursery preparation may be started and if already sown, maintain thin film of water to avoid seed displacement.</p>
Cotton		<p>In cotton crop, spray NAA 40 ppm to prevent early shedding of buds and squares and increase the yield (40 mg of NAA dissolved in one litre of water will give 40 ppm).</p>
Tomato		<p>June is the best time for sowing of tomato in raised bed for nursery seedlings. Do seed treatment with <i>Trichoderma viride</i> @ 4g/kg. The seed treatment must be done 24 hours before sowing of seeds.</p>
Banana		<p>Since rainfall with wind more than 15 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>
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 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

- Rainfall with thunderstorm is expected. Protect the animal properly. Safeguard the dry feed from rain and moisture.

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