



Tamil Nadu Agricultural University
&
India Meteorological Department
Agromet Advisory Bulletin for the Coimbatore District
Bulletin No.054/2022 Issued on 08.07.2022
(From 09th July 2022 to 13th July 2022)
Issued jointly by Agro Climate Research Centre, TNAU and IMD



Weather Summary for the period since the issue of last bulletin 053 (05.07.2022) for Tamil Nadu. Maximum temperature ranged from 32°C to 37°C and minimum temperature ranged from 22°C to 29°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 15°C to 20°C and minimum temperature ranged from 10°C to 11°C. During this period isolated rainfall was recorded in Tamil Nadu.

Weather Summary for Coimbatore district

Past week Summary (03.07.2022 to 07.07.2022)					Date	Ensemble weather forecast valid until 08.30 hrs of 13.07.2022				
Day-1 03/07	Day-2 04/07	Day-3 05/07	Day-4 06/07	Day-5 07/07		Day-1 09/07	Day-2 10/07	Day-3 11/07	Day-4 12/07	Day-5 13/07
17.0	24.1	21.9	31.9	23.7	Rainfall	20	15	8	12	12
33	30	31	29	29	Max. Temp. (°C)	29	29	30	30	29
23	22	22	22	22	Mini. Temp. (°C)	22	22	22	22	22
7	7	7	7	7	Cloud cover (Octa)	8	8	7	7	7
91	77	90	82	90	RH morning (%)	85	85	85	85	85
74	71	75	91	93	RH evening (%)	80	80	80	80	80
18	21	24	24	24	Wind (kmph)	24	24	24	24	24
230	230	230	230	230	Wind Direction	230	230	230	230	230

Weather forecast for next five days: (09.07.2022 to 13.07.2022)

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 29°C to 30°C. Minimum temperature is expected to be around 22°C. Morning relative humidity is expected to be around 85 per cent and evening relative humidity is expected to be around 80 per cent. Average wind speed is expected to be around 24 km per hour and the wind direction will be from South West direction.

Agro Advisory

Crop	Stage	Advisory
General		<p>Light to moderate rainfall is expected in western zone. The wind speed would be heavy in Coimbatore district 24 km/hr compared to Erode and Tiruppur 12-20 kmph. Hence, provide adequate support to banana crops.</p> <p>Irrigation may be postponed based on soil moisture.</p>
Rice	Transplanting	<p>Kar rice at tillering stage may be applied with 30 kg Nitrogen and 10 kg K₂O/ha. Do not drain water after fertilizer application. This application may be done before 16th July.</p> <p>Since the weather is favourable for green leaf hopper infestation in Kar rice, spray fenthion 100 EC @ 500 ml / ha.</p>
Maize	Sowing	<p>By utilizing the rainfall, continue the sowing of irrigated maize and sunflower.</p>
Pulses	Sowing	<p>In recently sown green and black gram, gap filling may be done to ensure 33 plants/ m².</p>
Groundnut		<p>By utilizing expected rainfall prepare the land for taking up sowing of ground nut in ensuing season.</p>
Sugarcane		<p>De-trashing, removal of dry cane leaves and propping is advised to avoid borer infestation in early season planted cane of 150 days old.</p>
Banana		<p>Since rainfall with heavy wind speed is expected along with rainfall, propping may be done to banana crop to prevent lodging.</p>
Turmeric		<p>Occurrence of leaf spot incidence in turmeric crop may be monitored because of heavy wind, high relative humidity and cloudiness.</p> <p>In Turmeric, spray each 375 g ferrous sulphate, Zinc sulphate, Borax and of Urea in 250 lit of water/ha to correct micronutrients deficiency due to cloudy weather.</p> <p>Proper drainage may be given in irrigated turmeric field to prevent rhizome rot due to continuous rainfall.</p>
Coconut		<p>By utilizing rainfall, apply fertilizer for coconut @ 650 gm urea, 1kg SuPo₄, 1kg MOP and 2kg Neem cake along with 50kg FYM.</p> <p>Provide inward basin in around the coconut trees to harvest rainwater in root zone.</p> <p>Root feeding of TNAU coconut tonic 200ml/ tree is advised for arresting button shedding in coconut.</p>

Animal		<p>Since Wind speed of 24 km is expected along with rainfall, provide adequate care to the animal sheds.</p> <p>Due to heavy wind speed sufficient quantity of good quality of water is necessary to the poultry birds. Further provide feed during morning hours to avoid food wastage and hanging of gunny bags the border of the shed is beneficial.</p> <p>Prevailing weather is conducive for mastitis disease in milch animals. Wash the udder with 1 per cent KMnO₄ before and after milking.</p>
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SMS advisory

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**Professor and Head
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Agro Climate Research Centre**