



Tamil Nadu Agricultural University

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India Meteorological Department

Agromet Advisory Bulletin for the Coimbatore District

Bulletin No.079/2022 Issued on 03.10.2022

(From 04th October 2022 to 8th October 2022)

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 078 (30.09.2022) for Tamil Nadu. Maximum temperature ranged from 30°C to 37°C and minimum temperature ranged from 23°C to 27°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 15°C to 21°C and minimum temperature ranged from 9°C to 11°C. During this period isolated rainfall was recorded in Tamil Nadu.

Coimbatore District Past Weather

In Coimbatore district, during 30.09.22 to 02.10.22 the Maximum temperature was recorded as 32°C and the minimum temperature was 22°C to 23°C. The Morning relative humidity recorded was 86 per cent and evening relative humidity was 60 per cent. The average wind speed recorded was 9-19 km per hour and the wind direction were from South West direction.

Weather Summary for Coimbatore district

Past week Summary 30.09.2022 to 02.10.2022)			Date	Ensemble weather forecast valid until 08.30 hrs of 08.10.2022				
Day-1 30/09	Day-2 01/10	Day-3 02/10		Day-1 04/10	Day-2 05/10	Day-3 06/10	Day-4 07/10	Day-5 08/10
0.0	0.9	0.5	Rainfall	4	4	6	8	34
32	32	32	Max. Temp. (°C)	33	33	34	33	32
22	23	22	Mini. Temp. (°C)	22	23	24	23	22
7	7	7	Cloud cover (Octa)	2	2	2	8	8
79	72	86	RH morning (%)	70	70	70	80	80
60	71	75	RH evening (%)	40	40	40	40	50
19	9	13	Wind (kmph)	6	6	4	4	6
230	230	230	Wind Direction	290	280	280	290	290

Weather forecast for next five days: (04.10.2022 to 08.10.2022)

According to district forecast issued by the India Meteorological Department for Coimbatore district, sky will be mostly cloudy. Light to moderate rainfall is expected on next five days. Maximum temperature is expected to be around 32°C to 34°C. Minimum temperature is expected to be around 22°C to 24°C. Morning relative humidity is expected to be around 80 per cent and evening relative humidity is expected to be around 40 per cent. Average wind speed is expected to be around 4-6 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
04-10-2022	0.1	0.0	0.0	0.3	0.4	0.6	0.0	9.0	3.0	3.0	2.0	5.0
05-10-2022	0.2	0.0	0.0	0.5	0.5	0.7	0.0	7.0	2.0	3.0	3.0	4.0
06-10-2022	5.3	0.0	0.0	0.1	2.1	6.7	0.0	12.0	6.0	8.0	6.0	7.0
07-10-2022	5.7	0.0	0.0	0.4	0.9	3.9	11.0	11.0	8.0	8.0	8.0	8.0
08-10-2022	6.5	20.3	11.1	11.8	8.0	8.7	26.0	26.0	29.0	26.0	28.0	30.0

Agro Advisory

Crop	Stage	Advisory
General		<p>Light to moderate rainfall is expected in western zone during next five days. Irrigation may be postponed based on the soil moisture. Wind speed of 4-6 km/hr is expected.</p> <p>Since rainfall is expected, provide drainage to the cotton, turmeric, tapioca, tomato, groundnut etc.</p> <p>In rainfed, provide bunds or plough against the slope at 20 feet interval to arrest the rain water runoff.</p>
Rice	Vegetative	<p>Considering the rainfall, Drainage may be provided in recently transplanted samba rice.</p> <p>As Samba season is over, stop nursery sowing or direct seeding of samba paddy.</p>
Sorghum		<p>By utilizing prevailing rainfall North east monsoon dryland crops like sorghum, cumbu and other crops may be sown.</p>
Cotton	Sowing	<p>Due to high soil moisture and relative humidity, flower shedding in cotton crop can be arrested by spraying NAA 40 PPM in 60 - 90 days after sowing. (40 mg of NAA dissolved in 1 liter of water will give the concentration of 40 PPM). To arrest the terminal growth nipping the terminal portion of the main stem beyond the 15th node.</p> <p>Due to continuous rainfall, 45 days old irrigated Combodia cotton may show Zn deficiency and hence, spray 0.5% ZnSO₄.</p>

Tomato	Planting	By utilizing expected rainfall gap filling may be done for Tomato crop to maintain optimum population.
Banana		Expected Wind speed is 4-6 km per hour with rainfall, hence five months old banana may be provided with support against lodging. Avoid irrigation.
Turmeric		In turmeric, Trichoderma viride may be applied to prevent rhizome rot in addition to proper after drainage In Turmeric of 120 days old, top dressing with 55 kg urea 30 kg potash per ha with sufficient moisture.
Grapes		In Grapes, due to high relative humidity and optimum temperature, Downey mildew disease may occur, hence prophylactic spray with copper oxy oxide chloride @ 0.25%, twice at 15 days interval.
Animal		The udder of the animal after milking must be cleaned with potassium permanganate to avoid mastitis. Wetted feeds may be avoided to the animal. Since rainfall is expected drainage in and around cattle and poultry sheds may be provided to avoid water stagnation. Further farmers are requested to safeguard the feed and fodder material from rain soaking Prevent animal from drinking of stagnated rain water against food contamination. Provide clean and good drinking water to animals.

SMS advisory

- Light to moderate rainfall is expected in rainfed. Hence, provide bunds or plough against the slope at 20 feet interval to arrest the rain water runoff.

**Professor and Head
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