



Tamil Nadu Agricultural University
&
India Meteorological Department
Agromet Advisory Bulletin for the Coimbatore District
Bulletin No.073/2023 Issued on 12.09.2023
(From 13th September 2023 to 17th September 2023)
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 072 (08.09.2023) for Tamil Nadu. Maximum temperature ranged from 31°C to 37°C and minimum temperature ranged from 22°C to 28°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 17°C to 21°C and minimum temperature ranged from 11°C to 13°C. During this period isolated rainfall was recorded in Tamil Nadu.

Coimbatore District Past Weather

In Coimbatore district, during 08.09.23 to 11.09.23 the Maximum temperature was recorded was 33°C and the minimum temperature was 22°C. The morning relative humidity recorded was 85 per cent and evening relative humidity was 64 per cent. The average wind speed recorded was 19-25 km per hour and the wind direction were from South West direction.

Weather Summary for Coimbatore district

Past week Summary (08.09.2023 to 11.09.2023)				Ensemble weather forecast valid until 08.30 hrs of 17.09.2023					
Day-1 08/09	Day-2 09/09	Day-3 10/09	Day-4 11/09	Date	Day-1 13/09	Day-2 14/09	Day-3 15/09	Day-4 16/09	Day-5 17/09
13.1	3.7	3.1	10.1	Rainfall	16	2	2	3	6
31	31	33	33	Max. Temp. (°C)	32	31	31	30	30
22	23	23	23	Mini. Temp. (°C)	22	21	20	20	20
7	7	7	7	Cloud cover (Octa)	7	7	7	8	8
82	75	85	82	RH morning (%)	70	70	70	70	70
76	64	64	64	RH evening (%)	30	30	40	40	40
25	23	22	19	Wind (kmph)	18	16	18	20	20
230	200	200	230	Wind Direction	250	250	250	250	250

Weather forecast for next five days:(13.09.2023 to 17.09.2023)

According to district forecast issued by the India Meteorological Department for Coimbatore district, sky will be cloudy. Light rainfall is expected on next five days. Maximum temperature is expected to be around 30°C to 32°C . Minimum temperature is expected to be around 20°C to 22°C. Morning relative humidity is expected to be around 70 per cent and evening relative humidity is expected to be around 30 per cent. Average wind speed is expected to be around 16-20 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
13-09-2023	5.0	8.0	10.0	9.0	11.0	12.0	6.0	6.0	11.0	7.0	9.0	11.0
14-09-2023	2.0	1.0	1.0	1.0	0.0	0.0	2.0	2.0	0.0	0.0	0.0	0.0
15-09-2023	2.0	1.0	2.0	1.0	0.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
16-09-2023	1.0	2.0	3.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
17-09-2023	3.0	5.0	6.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0

Agro Advisory

Crop	Stage	Advisory
General		<p>Light rainfall in plains and moderate to heavy rainfall along the western Ghats is expected with high wind speed of 10 - 20 km/hr during next five days. The Coimbatore and Tiruppur districts may have very high windspeed (> 14 km/hr).</p> <p>With the receipt of anticipated rainfall dry lands may be prepared and sown with north east monsoon crops such as groundnut and millets.</p>
Rice	Sowing	<p>Anticipating rainfall, samba season nursery sowing may be taken up for medium duration rice.</p> <p>In recently sown nurseries, pond 2.5 cm water in the evening and drain in the morning to avoid summer saluting of sown seeds by rain drops.</p> <p>Treat the seeds with Bacillus subtilis @10g/kg of seeds. If blast disease symptom noticed, spray Azoxystrobin @1ml/liter.</p>
Sugarcane	Vegetative	<p>Since rainfall with squally wind is expected, dethrash and propping in five months old sugarcane crop is recommended against the lodging.</p> <p>If any Top rot symptoms noticed, spray propiconazole @ 1ml/liter + Imidacloprid 17.5 SL @ 0.3ml / liter to prevent pokkah boeng disease of sugarcane.</p>

Cotton	Flowering	<p>Since rainfall is expected drainage may be provided to both rain fed and irrigated cotton crops. To avoid the flower shedding, spray 40 PPM NAA 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 is advised.</p> <p>If alternative leaf blight disease symptom noticed, spray mancozep @ 2g/lit</p>
Banana	Above 5 months old	<p>Rain fall with 16-20 km/hour wind speed may cause lodging in banana. Provide support to five months and above old banana.</p> <p>Spray Propiconazole @ 1ml/liter +wetting agent @1ml/lit to prevent sigatoka leaf spot disease.</p>
Turmeric	Vegetative	<p>Turmeric is at bulking stage, which is critical for both moisture stress and excess water. Hence, care to keep sufficient moisture and avoid excess moisture or over dry.</p> <p>Prevailing high relative humidity and wind speed would spread the spores of turmeric leaf spot from endemic area. Spray Mancozeb @ 1 kg/ha to control leaf blotch disease.</p> <p>Apply <i>Trichoderma viride</i> @ 2.5 kg/ha mixing with 250kg of FYM in soil to prevent rhizome rot disease.</p>
Animal Husbandry		Water stagnation must be avoided in animal shed against mosquito.

SMS advisory

- With the receipt of anticipated rainfall dry lands may be prepared and sown with north east monsoon crops such as groundnut and millets.

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