



Tamil Nadu Agricultural University

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India Meteorological Department

Agromet Advisory Bulletin for the Coimbatore District

Bulletin No.083/2022 Issued on 18.10.2022

(From 19th October 2022 to 23rd 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 082 (14.10.2022) for Tamil Nadu. Maximum temperature ranged from 31°C to 36°C and minimum temperature ranged from 21°C to 27°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 18°C to 21°C and minimum temperature ranged from 10°C to 12°C. During this period isolated rainfall was recorded in Tamil Nadu.

Coimbatore District Past Weather

In Coimbatore district, during 14.10.22 to 17.10.22 the Maximum temperature was recorded as 33°C to 34°C and the minimum temperature was 22°C to 23°C. The Morning relative humidity recorded was 90 per cent and evening relative humidity was 47 per cent. The average wind speed recorded was 6-15 km per hour and the wind direction were from South West direction.

Weather Summary for Coimbatore district

Past week Summary 14.10.2022 to 17.10.2022					Ensemble weather forecast valid until 08.30 hrs of 23.10.2022				
Day-1 14/10	Day-2 15/10	Day-3 16/10	Day-4 17/10	Date	Day-1 19/10	Day-2 20/10	Day-3 21/10	Day-4 22/10	Day-5 23/10
3.5	12.6	7.3	25.2	Rainfall	25	12	25	20	8
33	33	34	32	Max. Temp. (°C)	28	28	28	30	32
23	22	23	23	Mini. Temp. (°C)	21	21	21	21	22
6	6	7	7	Cloud cover (Octa)	7	7	7	7	6
85	79	90	90	RH morning (%)	85	85	85	85	80
67	47	91	74	RH evening (%)	75	75	75	75	65
15	8	6	11	Wind (kmph)	10	10	10	10	10
250	90	110	200	Wind Direction	230	230	140	140	200

Weather forecast for next five days:(19.10.2022 to 23.10.2022)

According to district forecast issued by the India Meteorological Department for Coimbatore district, sky will be mostly cloudy. Moderate rainfall is expected on next five days. Maximum temperature is expected to be around 28°C to 32°C. Minimum temperature is expected to be around 21°C to 22°C. Morning relative humidity is expected to be around 85 per cent and evening relative humidity is expected to be around 65 per cent. Average wind speed is expected to be around 10 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
19-10-2022	27	24	25	25	24	24	26	26	23	24	23	24
20-10-2022	11	13	13	11	10	11	11	11	11	12	11	10
21-10-2022	27	22	24	24	23	23	25	25	23	22	22	24
22-10-2022	18	20	18	19	18	18	19	19	18	21	20	18
23-10-2022	8	5	6	6	6	6	7	7	6	5	5	6

Agro Advisory

Crop	Stage	Advisory
General		Moderate rainfall with wind speed of 4 - 10 km/hr is expected in western zone during next five days. Irrigation may be postponed. Since continuous rainfall is expected, provide drainage to all crops. Excess rain water may be drained properly to the farm pond for future supplemental irrigation.
Rice	Vegetative	<p>Considering the rainfall, drainage may be provided in recently transplanted samba rice. Do not apply fertilizer or pesticides spray.</p> <p>Yellow stem borer incidence and leaf folder damage are observed in western ghat districts. Spray Fipronil 80% WG @ 50 g/ha is recommended for the management of both pests.</p> <p>Prevailing high relative humidity is favourable for bacterial leaf blight in rice. Application of copper hydroxide 77 WP @ 1.25 kg/ha or streptomycin sulphate + tetracycline combination @ 300 g + copper oxychloride @ 1.25 kg/ha should be carried out.</p>
Sorghum	Sowing	<p>By utilizing prevailing rainfall North east monsoon dryland crops like sorghum, cumbu and other crops may be sown.</p> <p>If already sown, do gap filling and thinning to maintain the population.</p> <p>Due to high relative humidity, leaf diseases like leaf spot or Downey mildew incidence may appear in Sorghum and Cumbu. Spray Mancozeb 1kg/ha.</p>

Pulses	Vegetative	The standing green gram and black gram under irrigated condition would grow with tendrils as a result of excess soil moisture. Clip the tendrils or top the crop.
Cotton	Sowing	Prevailing high relative humidity is favourable for bacterial black arm disease in cotton. Application of copper hydroxide 77 WP @ 1.25 kg/ha or streptomycin sulphate + tetracycline combination @ 300 g + copper oxychloride @ 1.25 kg/ha should be carried out.
Banana		Expected wind speed is 10 km per hour with rainfall, hence five months old banana may be provided with support against lodging. Avoid irrigation.
Turmeric		Prevailing weather condition is also favourable for blotch disease in turmeric. Hence farmers are requested to monitor the crop carefully & if necessary, spray Azoxystropin @ 1ml / liter of water.
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

- Weather is avourable for blotch disease in turmeric & spray Azoxystropin @ 1 gm / liter of water.

**Professor and Head
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