



Tamil Nadu Agricultural University
&
India Meteorological Department
Agromet Advisory Bulletin for the Coimbatore District
Bulletin No.063/2022 Issued on 08.08.2022
(From 09th August 2022 to 13th August 2022)
Issued jointly by Agro Climate Research Centre, TNAU and IMD



Weather Summary for the period since the issue of last bulletin 062 (05.08.2022) for Tamil Nadu. Maximum temperature ranged from 26°C to 34°C and minimum temperature ranged from 21°C to 28°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 14°C to 16°C and minimum temperature ranged from 09°C to 11°C. During this period isolated rainfall was recorded in Tamil Nadu.

Weather Summary for Coimbatore district

Past week Summary (05.08.2022 to 07.08.2022)				Ensemble weather forecast valid until 08.30 hrs of 13.08.2022				
Day-1 05/08	Day-2 06/08	Day-3 07/08	Date	Day-1 09/08	Day-2 10/08	Day-3 11/08	Day-4 12/08	Day-5 13/08
52.4	19.5	19.7	Rainfall	25	18	8	8	4
26	28	29	Max. Temp. (°C)	28	29	31	31	31
22	22	22	Mini. Temp. (°C)	21	21	21	21	21
8	7	7	Cloud cover (Octa)	7	6	6	6	5
81	88	88	RH morning (%)	80	80	80	80	80
83	81	75	RH evening (%)	70	70	70	70	70
23	27	25	Wind (kmph)	18	18	18	18	18
230	200	230	Wind Direction	230	230	230	230	230

Weather forecast for next five days: (09.08.2022 to 13.08.2022)

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 28°C to 31°C. Minimum temperature is expected to be around 21°C. Morning relative humidity is expected to be around 80 per cent and evening relative humidity is expected to be around 70 per cent. Average wind speed is expected to be around 18 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	Annamur	Karamadurai	Kinathuvu	Madukkarai	PN Palayam	Pollachi North	Pollachi South	Sarcaram	Sultanpur	Sulur	Thondamuthur
09-08-2022	36	21	27	34	38	35	34	34	32	21	28	39
10-08-2022	42	26	34	43	51	46	40	40	43	27	37	50
11-08-2022	30	13	18	24	24	21	26	26	20	14	17	26
12-08-2022	12	6	8	11	12	11	11	11	10	6	8	12
13-08-2022	7	2	3	5	5	4	6	6	4	2	3	6

Agro Advisory

Crop	Stage	Advisory
General		<p>Light to Moderate rainfall is expected in western zone during next five days. Hence, provide adequate drainage to all crops.</p> <p>Rainfall with heavy wind speed may lodge the tall crops and damage the animal shed. Provide adequate support.</p> <p>The runoff water may be properly drained to farm pond for supplemental irrigation during later days.</p>
Rice	Transplanting	<p>Since the rainfall is light to moderate the transplanting of rice may be continued with proper drainage.</p> <p>Since the wind speed is more than 18 km/hr, postpone the top dressing of nitrogen to 30 days old transplanted rice.</p>
Maize	Vegetative	<p>Utilizing the received and anticipated rainfall, sowing of maize may be continued with proper drainage. This is the best time for sowing maize with proper drainage for reaping potential yield.</p>
Sugarcane		<p>Wind speed is more than 16 km per hour, hence five months old banana and sugarcane may be propped against lodging pest irrigation.</p> <p>With the past weather and wet spell, there is deficiency of iron noticed in late season planted cane of black soil. To recover from this malady, repeated spray of 1% ferrous sulphate + 1% urea solution, once in 15 days is recommended.</p>

Cotton	Sowing	It is advised to complete the cotton sowing before 15 th of August by utilizing the anticipated rainfall.
Tomato	Planting	Since rain fall is expected, tomato seedlings may be planted in ridges and furrows.
Gourd		This is the best time for take-up sowing gourds like snake gourd, bitter gourd and other cucurbits. Hence farmers are requested to take up sowing of above crops.
Turmeric		Considering the anticipated rainfall provide drainage in Turmeric against rhizome rot. Since relative humidity and wind speed are above the threshold level, leaf spot disease in turmeric may appear. To control, spray 500 g Carbendazim or 1000g Mancozeb or 1250g copper oxy chloride per hectare to be dissolved in 500 litres of water.
Coconut		Provide inward basin in around the coconut trees to harvest rainwater in root zone.
Animal		Due to expected rainfall and high wind speed poultry shed may be protected by hanging of gunny bags at the borders of the shed. Since continuous rain fall is expected, drain the stagnated water in and around the cattle and poultry sheds.

SMS advisory

- Rainfall with heavy wind speed may lodge the tall crops and damage the animal shed. Provide adequate support.

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