



Tamil Nadu Agricultural University
&
India Meteorological Department
Agromet Advisory Bulletin for the Coimbatore District
Bulletin No.065/2022 Issued on 16.08.2022
(From 17th August 2022 to 21th August 2022)
Issued jointly by Agro Climate Research Centre, TNAU and IMD



Weather Summary for the period since the issue of last bulletin 064 (12.08.2022) for Tamil Nadu. Maximum temperature ranged from 31°C to 38°C and minimum temperature ranged from 22°C to 29°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 16°C to 22°C and minimum temperature ranged from 08°C to 11°C. During this period isolated rainfall was recorded in Tamil Nadu.

Weather Summary for Coimbatore district

Past week Summary (12.08.2022 to 15.08.2022)					Ensemble weather forecast valid until 08.30 hrs of 21.08.2022				
Day-1 12/08	Day-1 13/08	Day-2 14/08	Day-3 15/08	Date	Day-1 17/08	Day-2 18/08	Day-3 19/08	Day-4 20/08	Day-5 21/08
8.2	2.7	0.3	0.0	Rainfall	8	12	10	8	4
31	32	33	32	Max. Temp. (°C)	33	33	32	33	34
23	22	23	23	Mini. Temp. (°C)	23	21	21	22	23
6	5	6	6	Cloud cover (Octa)	5	7	7	6	5
66	80	83	83	RH morning (%)	80	80	80	80	80
54	63	64	59	RH evening (%)	65	65	65	65	65
24	16	16	11	Wind (kmph)	10	10	10	10	12
230	200	200	200	Wind Direction	250	250	250	250	250

Weather forecast for next five days: (17.08.2022 to 21.08.2022)

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 32°C to 34°C. Minimum temperature is expected to be around 22°C to 23°C. Morning relative humidity is expected to be around 80 per cent and evening relative humidity is expected to be around 65 per cent. Average wind speed is expected to be around 10-12 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	Sultanpit	Sulur	Thondamuthur
17-08-2022	13	20	21	16	0	0	0	0	18	18	18	16
18-08-2022	26	39	40	33	0	0	0	0	38	36	37	34
19-08-2022	42	64	64	57	2.1	2.6	0	0.2	65	62	65	60
20-08-2022	47	64	61	63	1	3.6	0	0	70	66	70	67
21-08-2022	23	35	29	29	0.9	3.1	0	0	32	37	35	29

Agro Advisory

Crop	Stage	Advisory
General		<p>Light rainfall is expected in western zone during next five days. Hence, provide irrigation based on the soil moisture.</p> <p>Rainfall with moderate wind speed may lodge the tall crops. Provide adequate support.</p>
Rice	Transplanting & Flowering	<p>Since the rainfall is light, the transplanting of rice may be continued with proper drainage.</p> <p>By utilizing anticipated rainfall, apply 2nd top dressing @ 25kg Urea and 10kg Potash per acre to transplanted kar season rice.</p>
Groundnut		<p>Weather conditions is favorable for the tikka leaf spot incidence in Groundnut and monitor the incidence, if necessary, spray Carbendazim 500 gram or Mancozeb 1000 gram per ha.</p>
Sugarcane		<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> <p>Considering the anticipated drizzling, second top dressing with 85 kg Urea + 25 kg Potash / acre may be given to late season planted cane, followed by earthing up.</p>

Gourd		This is the best time for take-up sowing gourds like snake gourd, bitter gourd and other cucurbits. Hence farmers are requested of the sowing the above crops.
Banana		Expected Wind speed is more than 10 km per hour with rainfall, hence five months old banana and sugarcane may be propped against lodging. Avoid irrigation.
Turmeric		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. Micronutrient deficiency in Turmeric due to cloudy weather, can be managed with spray of each 375 gram Ferrous sulphate, Zinc sulphate, borax and urea after mixing in 250 liters of water per hectare. Spray twice at 25 days interval.
Coconut		Provide inward basin in around the coconut trees to harvest rainwater in root zone.
Animal		Since continuous rain fall is expected, drain the stagnated water in and around the cattle and poultry sheds. Considering the present weather, which is conducive for many pathogen in milch animals. Hence clean the udder with 1% potassium permanganate before and after milking.

SMS advisory

- Due to cloudy weather, iron deficiency sugarcane can be managed by spray of 1% ferrous sulphate + 1% urea solution, once in 15 days is recommended.

**Professor and Head
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