



Tamil Nadu Agricultural University
&
India Meteorological Department
Agromet Advisory Bulletin for the Coimbatore District
Bulletin No.077/2022 Issued on 27.09.2022
(From 28th September 2022 to 2nd October 2022)
Issued jointly by Agro Climate Research Centre, TNAU and IMD



Weather Summary for the period since the issue of last bulletin 076 (23.09.2022) 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 19°C to 21°C and minimum temperature ranged from 9°C to 13°C. During this period isolated rainfall was recorded in Tamil Nadu.

Weather Summary for Coimbatore district

Past week Summary 23.09.2022 to 26.09.2022)					Ensemble weather forecast valid until 08.30 hrs of 02.10.2022				
Day-1 23/09	Day-2 24/09	Day-3 25/09	Day-4 26/09	Date	Day-1 28/09	Day-2 29/09	Day-3 30/09	Day-4 01/10	Day-5 02/10
0.0	0.0	0.3	1.3	Rainfall	20	4	4	0	4
33	33	33	33	Max. Temp. (°C)	33	34	35	35	35
22	22	22	23	Mini. Temp. (°C)	23	24	24	25	25
5	6	6	6	Cloud cover (Octa)	6	6	8	4	4
78	78	80	82	RH morning (%)	90	90	90	90	90
63	67	64	64	RH evening (%)	40	40	50	50	50
19	16	10	15	Wind (kmph)	9	10	12	10	10
230	200	230	200	Wind Direction	250	260	260	240	240

Weather forecast for next five days: (28.09.2022 to 02.10.2022)

According to district forecast issued by the India Meteorological Department for Coimbatore district, sky will be mostly cloudy. Light rainfall is expected on next five days. Maximum temperature is expected to be around 33°C to 35°C. Minimum temperature is expected to be around 23°C to 25°C. Morning relative humidity is expected to be around 90 per cent and evening relative humidity is expected to be around 40 per cent. Average wind speed is expected to be around 9-12 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	Sarcasamakulam	Sultanpet	Sulur	Thondamuthur
28-09-2022	12	13	13	14	16	16	13	13	15	13	14	16
29-09-2022	1	3	3	2	1	2	1	1	2	3	3	1
30-09-2022	10	1	2	5	3	2	8	8	2	2	2	4
01-10-2022	1	0	0	0	0	0	0	0	0	0	0	0
02-10-2022	7	2	3	4	3	2	5	5	2	3	2	3

Agro Advisory

Crop	Stage	Advisory
General		<p>Light rainfall is expected in western zone during next five days. Irrigation may be provided based on the soil moisture.</p> <p>By utilizing the light rainfall, land preparation may be initiated in rainfed black soil towards pre monsoon sowing.</p> <p>Since only light drizzling is expected in forth coming days, sorghum/ millets and groundnut may be harvested and sun dried.</p>
Rice		<p>Prevailing weather condition is conducive for the leaf folder in rice. Hence farmers are requested to monitor the pest and spray if required chlorantraniliprole 18.5 Sc @ 0.3ml / liter of water.</p>
Groundnut	Harvest	<p>In some pockets sucking pest is seen in Groundnut crop. It is requested to spray imdachlorobid 78.8 SI @ 3ml/10 liter of water.</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>
Sugarcane		<p>Provide propping for early season and midseason planted canes against lodging with heavy wind anticipated in Coimbatore district.</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>

Tomato	Planting	Leaf minor is observed in Tomato due to prevailing weather. To control spray 5 per cent Neem Seed Kernel Extract during non rainy period.
Banana		Expected Wind speed is more than 5-6 km per hour with rainfall, hence five months old banana may be provided with support against lodging. Avoid irrigation.
Coconut		If sufficient moisture is available green manure crop may be sown in Coconut garden to increase the fertility of soils.
Turmeric		<p>Due to continuous rainfall, micronutrient deficiency is observed irrigated turmeric. Hence, spray 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.</p> <p>Prevailing cloudy weather with high relative humidity with drizzling is favorable for the sigatoka leaf spot in turmeric hence farmers are requested to monitor the crop and spray if required chlorothalnil @ 2g per liter of water or propiconazole @ 2ml per liter of water.</p> <p>In some pockets prevailing continuous dry weather is favorable for the thrips attack in turmeric and hence farmers are requested to monitor the crop carefully and spray if required Dimeothate @ 2ml per liter of water.</p>
Animal		<p>Farmers are advised not to allow their animals to graze near pond or lake areas to avoid fluke infestation.</p> <p>Heavy wind and cloudiness may cause thirst for water in animals. Hence, provide adequate clean drinking water.</p> <p>Season is more favourable foot and mouth disease in animals. Farmers are advised to do Vaccination to the animals in nearby Veterinary hospitals.</p>

SMS advisory

- If sufficient moisture is available green manure crop may be sown in Coconut garden to increase the fertility of soils.

**Professor and Head
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