



Tamil Nadu Agricultural University
&
India Meteorological Department
Agromet Advisory Bulletin for the Coimbatore District
Bulletin No.060/2022 Issued on 29.07.2022
(From 30th July 2022 to 03rd August 2022)
Issued jointly by Agro Climate Research Centre, TNAU and IMD



Weather Summary for the period since the issue of last bulletin 059 (26.07.2022) for Tamil Nadu. Maximum temperature ranged from 30°C to 37°C and minimum temperature ranged from 20°C to 27°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 17°C to 21°C and minimum temperature ranged from 9°C to 12°C. During this period isolated rainfall was recorded in Tamil Nadu.

Weather Summary for Coimbatore district

Past week Summary (26.07.2022 to 28.07.2022)				Ensemble weather forecast valid until 08.30 hrs of 03.08.2022				
Day-1 26/07	Day-2 27/07	Day-3 28/07	Date	Day-1 30/07	Day-2 31/07	Day-3 01/08	Day-4 02/08	Day-5 03/08
0.0	5.0	23.8	Rainfall	20	15	18	25	35
33	31	33	Max. Temp. (°C)	34	32	32	29	29
24	23	23	Mini. Temp. (°C)	22	22	21	21	21
7	6	5	Cloud cover (Octa)	6	6	7	7	7
88	88	85	RH morning (%)	80	80	80	80	85
91	62	50	RH evening (%)	60	60	60	60	70
8	8	8	Wind (kmph)	10	10	10	10	10
90	250	90	Wind Direction	230	250	250	250	270

Weather forecast for next five days: (30.07.2022 to 03.08.2022)

According to district forecast issued by the India Meteorological Department for Coimbatore district, sky will be cloudy. Moderate to heavy rainfall is expected on next five days. Maximum temperature is expected to be around 29°C to 34°C. Minimum temperature is expected to be around 21°C to 22°C. Morning relative humidity is expected to be around 80 per cent and evening relative humidity is expected to be around 60 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	Sultanpit	Sulur	Thondamuthur
30-07-2022	40	52	53	48	51	52	43	43	52	51	52	50
31-07-2022	29	44	43	41	46	46	33	33	47	43	46	44
01-08-2022	59	59	59	60	60	60	59	59	60	59	60	60
02-08-2022	45	59	64	56	61	63	49	49	62	55	60	60
03-08-2022	190	219	223	242	277	268	206	206	266	224	255	266

Agro Advisory

Crop	Stage	Advisory
General		<p>Moderate to heavy rainfall is expected in western zone during next five days. Hence, provide adequate drainage to all crops.</p> <p>Isolated areas adjoining to western ghats will receive heavy rain fall, hence provide contour trench channel for draining the excess water from cultivated field and fallow land to reduce soil erosion.</p>
Rice	Transplanting	Due to heavy rainfall postpone the transplanting of rice
Maize	Vegetative	<p>Irrigated maize crop at 30 days old may be top dressed with urea 55kg and 12kg MOP/ acre after weeding.</p> <p>Utilizing the received and anticipated rainfall, sowing of irrigated maize may be continued with proper drainage.</p>
Groundnut	Vegetative	Prevailing weather condition is conducive for the cercospora leaf spot in groundnut monitor the disease initiation and if already crop is infected spray mangoceb @ 2.5 g per litre of water.
Sugarcane		<p>De-trashing, removal of dry cane leaves and propping is advised to avoid borer infestation in early season planted cane of 150 days old.</p> <p>By utilizing the anticipated rainfall, top dressing may be done in late season planted cane with 90kg Nitrogen/ ha + 37kg K₂O/ ha. Nitrogen may be applied through neem cake blended.</p>

Cotton	Sowing	Continuous rain in some areas leads to poor germination in rainfed cotton hence farmers are requested to raise additional seedlings in polythene bags and may be transplanted to maintain the plant population at later stage.
Tomato	Nursery	Considering the cloudy and humid weather <i>Trichoderma viride</i> may be applied @ 2.5 kg per hectare to prevent damping off disease or soil borne diseases in tomato.
Banana		Prevailing weather condition is favourable for the sigatoka leaf spot in banana hence farmers are requested to monitor the crop carefully and spray Carbendazim 1 g/lit or Mancozeb 2 g/lit or Copper oxychloride 2.5 g/lit or Chlorothalonil 2 g/lit. Always add 5 ml of wetting agent per 10 lit of spray fluid.
Curry leaf		Leaf spot disease is noticed in Curry leaf due to prevailing weather and hence, spray Carbendazim @ 1g/ lit of water.
Tea		Right time for training and pruning of shade trees in Tea plantations in Valparai area
Coconut		By utilizing rainfall, apply fertilizer for coconut @ 650 g urea, 1kg Superphosphate, 1kg MOP and 2kg Neem cake along with 50kg FYM. Provide inward basin in and around the coconut trees to harvest rainwater in root zone.
Animal		Prevailing weather is conducive for mastitis disease in milch animals. Wash the udder with 1 per cent KMnO ₄ before and after milking. Monsoon favours Enterotoxemia and Blue Tongue diseases in Goat. Provide vaccine to Goats at nearby Veterinary hospitals. Also do deworming. Due to rainfall and high wind speed poultry shed may be protected by hanging of gunny bags at the borders of the shed.

SMS advisory

- Prevailing weather is conducive for the cercospora leaf spot in groundnut monitor and if needed, spray mancozeb @ 2.5 g per litre of water.

Professor and Head
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Agro Climate Research Centre