



Tamil Nadu Agricultural University
&
India Meteorological Department
Agromet Advisory Bulletin for the Tiruppur 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 Tiruppur 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
1.0	3.8	9.4	Rainfall	10	18	12	20	35
33	31	33	Max. Temp. (°C)	34	34	33	33	32
24	23	23	Mini. Temp. (°C)	24	24	24	23	23
7	6	5	Cloud cover (Octa)	6	6	7	7	7
88	88	85	RH morning (%)	75	75	80	80	85
91	62	50	RH evening (%)	65	65	65	65	70
8	8	8	Wind (kmph)	10	12	12	12	6
90	250	90	Wind Direction	270	270	270	270	230

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

According to district forecast issued by the India Meteorological Department for Tiruppur district, sky will be mostly cloudy. Moderate to heavy 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 23°C to 24°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 6-12 km per hour and the wind direction will be from South West direction.

Tiruppur District Block Wise Rainfall(mm) for next five days													
Date	Avinashi	Dharapuram	Gudimangalam	Kangayam	Kundadam	Madathukualm	Mulanur	Palladam	Pongalur	Tiruppur	Udumalpet	Uthukuli	Vellakovil
30-07-2022	54	44	48	46	48	47	37	53	53	55	48	53	35
31-07-2022	48	36	41	37	40	39	28	47	46	50	41	46	26
01-08-2022	59	49	54	53	54	52	43	59	58	60	53	58	44
02-08-2022	52	43	50	42	47	49	35	52	51	53	51	50	31
03-08-2022	205	165	208	158	184	198	123	209	201	207	212	194	110

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>
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>
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>
Tomato	Nursery	<p>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.</p>
Banana		<p>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.</p>

Curry leaf		Leaf spot disease is noticed in Curry leaf due to prevailing weather and hence, spray Carbendazim @ 1g/ lit of water.
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 mangozeb @ 2.5 g per litre of water.

**Professor and Head
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