



Tamil Nadu Agricultural University

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India Meteorological Department

Agromet Advisory Bulletin for the Tiruppur District

Bulletin No.058/2022 Issued on 22.07.2022

(From 23th July 2022 to 27th July 2022)

Issued jointly by Agro Climate Research Centre, TNAU and IMD



Weather Summary for the period since the issue of last bulletin 057 (19.07.2022) for Tamil Nadu. Maximum temperature ranged from 30°C to 37°C and minimum temperature ranged from 24°C to 28°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 15°C to 19°C and minimum temperature ranged from 10°C to 12°C. During this period isolated rainfall was recorded in Tamil Nadu.

Weather Summary for Tiruppur district

Past week Summary (17.07.2022 to 21.07.2022)						Ensemble weather forecast valid until 08.30 hrs of 27.07.2022				
Day-1 17/07	Day-2 18/07	Day-3 19/07	Day-4 20/07	Day-5 21/07	Date	Day-1 23/07	Day-2 24/07	Day-3 25/07	Day-4 26/07	Day-5 27/07
0.1	8.2	6.2	1.3	0.0	Rainfall	12	6	2	2	8
30	31	29	31	31	Max. Temp. (°C)	33	33	34	34	34
22	23	22	23	23	Mini. Temp. (°C)	23	23	24	24	23
7	7	7	7	7	Cloud cover (Octa)	7	7	6	6	8
87	88	91	91	90	RH morning (%)	70	70	70	70	70
87	91	74	80	69	RH evening (%)	40	40	40	40	40
20	12	19	14	15	Wind (kmph)	8	8	7	7	7
200	230	230	200	200	Wind Direction	270	270	280	280	280

Weather forecast for next five days: (23.07.2022 to 27.07.2022)

According to district forecast issued by the India Meteorological Department for Tiruppur district, sky will be mostly cloudy. Light to moderate rainfall is expected on next five days. Maximum temperature is expected to be around 33°C to 34°C. Minimum temperature is expected to be around 23°C to 24°C. Morning relative humidity is expected to be around 70 per cent and evening relative humidity is expected to be around 40 per cent. Average wind speed is expected to be around 7-8 km per hour and the wind direction will be from South West direction.

Agro advisory

Crop	Stage	Advisory
General		<p>Light to moderate rainfall is expected in western zone.</p> <p>Due to continuous rainfall, 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	Irrigated maize crop at 30 days old may be top dressed with urea 55kg and 12kg MOP/ acre after weeding.
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>Due to 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> <p>Drench the 18 days old and above tomato seedlings in nursery with water soluble 19:19:19 fertilizer @ 0.5% (5g/lit) for getting vigours seedlings.</p>
Gourds	Sowing	<p>Best season for sowing gourds vegetable is by July 15th- 30th Hence sow the seeds utilizing the anticipated rainfall.</p> <p>Prevailing high cloudiness with high humidity enhance the green Jassids in ribbed gourd, watch for the incidence and spray 3% neem seed kernel extract.</p>
Banana		Since rainfall with wind speed of more than 7 km/hour is expected, propping may be done to banana crop to prevent lodging.
Coconut		<p>By utilizing rainfall, apply fertilizer for coconut @ 650 gm urea, 1kg SuPo₄, 1kg MOP and 2kg Neem cake along with 50kg FYM.</p> <p>Provide inward basin in around the coconut trees to harvest rainwater in root zone.</p> <p>Severe infestation from slug caterpillar is noticed in coconut trees which defoliate coconut fronts. To control, either spray Dichlorvos 76 WSC at 2ml/ lit of water.</p>

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.
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SMS advisory

- Monsoon favours Enterotoxaemia and Blue Tongue diseases in Goat. Provide vaccine to Goats at nearby Veterinary hospitals. Also do deworming.

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