



Tamil Nadu Agricultural University

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India Meteorological Department

Agromet Advisory Bulletin for the Tiruppur District

Bulletin No.096/2022 Issued on 02.12.2022

(From 03rd December 2022 to 07th December 2022)

Issued jointly by Agro Climate Research Centre, TNAU and IMD



Past Weather for Tamil Nadu District

Weather Summary for the period since the issue of last bulletin 094 (25.11.2022) for Tamil Nadu. Maximum temperature ranged from 29°C to 31°C and minimum temperature ranged from 21°C to 25°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 16°C to 20°C and minimum temperature ranged from 9°C to 11°C. During this period isolated rainfall was recorded in Tamil Nadu.

Tiruppur District Past Weather

In Coimbatore district, during 29.11.22 to 01.12.22 the Maximum temperature was recorded as 28°C to 31°C and the minimum temperature was 19°C to 23°C. The Morning relative humidity recorded was 90 per cent and evening relative humidity was 54 per cent. The average wind speed recorded was 7-8 km per hour and the wind direction were from South West direction.

Weather Summary for Tiruppur district

Past week Summary 29.11.2022 to 01.12.2022)			Ensemble weather forecast valid until 08.30 hrs of 07.12.2022					
Day-1 29/11	Day-2 30/11	Day-3 01/12	Date	Day-1 03/12	Day-2 04/12	Day-3 05/12	Day-4 06/12	Day-5 07/12
1.5	0.0	0.0	Rainfall	4	3	6	2	0
31	28	29	Max. Temp. (°C)	30	29	29	28	28
23	21	19	Mini. Temp. (°C)	23	22	22	21	21
7	7	4	Cloud cover (Octa)	6	8	7	5	4
90	86	75	RH morning (%)	90	90	90	90	80
75	54	64	RH evening (%)	60	60	60	60	60
7	7	8	Wind (kmph)	6	8	8	6	8
70	70	360	Wind Direction	70	70	90	50	360

Weather forecast for next five days:(03.12.2022 to 07.12.2022)

According to district forecast issued by the India Meteorological Department for Tiruppur district, sky will be mostly cloudy. Drizzling to light rainfall is expected on next four days. Maximum temperature is expected to be around 28°C to 30°C. Minimum temperature is expected to be around 21°C to 23°C. Morning relative humidity is expected to be around 90 per cent and evening relative humidity is expected to be around 60 per cent. Average wind speed is expected to be around 6-8 km per hour and the wind direction will be from South East direction.

Tiruppur District Block Wise Rainfall(mm) for next five days													
Date	Avinashi	Dharapuram	Gudimangalam	Kangeyam	Kundadam	Madathukualm	Mulanur	Palladam	Pongalur	Tiruppur	Udumalpet	Uthukuli	Vellakovil
03-12-2022	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0
04-12-2022	1.0	2.0	2.0	2.0	1.0	3.0	2.0	1.0	1.0	1.0	3.0	1.0	1.0
05-12-2022	4.0	5.0	5.0	5.0	4.0	7.0	4.0	4.0	4.0	4.0	7.0	3.0	4.0
06-12-2022	0.0	1.0	1.0	1.0	0.0	3.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0
07-12-2022	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Agro advisory

Crop	Stage	Advisory
General		<p>Drizzling rainfall is alone expected with wind speed of 4-8 km/hr in western zone during next five days.</p> <p>Plan to complete the sprays by utilizing the non rainy days.</p> <p>Cool weather may restrict the root activity, hence avoid top dressing of fertilizers to rainfed and irrigated crops.</p> <p>Irrigation may be provided based on soil moisture.</p>
Maize	Vegetative	Since drizzling rainfall is alone expected irrigation may be done maize crop which is in milking stage.
Bengalgram	Germination	Considering drizzling rainfall, gap filling may be done immediately in recently sown bengal gram followed by irrigation.
Gourds	Flowering and fruiting	Weather is favourable for leaf eating caterpillar and fruit fly attack in Gourds. To control the above spray Malathion 1ml/litre of water.

Coconut		<p>By utilizing the weather, green manure seeds may be sown around the coconut trees and incorporated after 45 days will provide nutrient to coconut and control monsoon seasonal weeds.</p> <p>This is best time for second dose application of fertilizer to coconut at 650 g urea + 1 kg super phosphate + 1 kg muriate of potash / tree.</p>
Mango	Vegetative	<p>Due to continuous wet weather, more vegetative growth is observed in mango and to induce flowering spray paclobutrazole 10g ai or 1% KNO₃.</p>
Tapioca	Vegetative	<p>With the last week of continuous rainfall, tuber rot has been noticed in tapioca. Spot drenching with copper oxy chloride @ 2.5g per liter of water may be done.</p>
Animal		<p>Both maximum and minimum temperature are low and hence cold weather is anticipated. Protect animal from cold weather by hanging gunny bag around the animal and poultry shed.</p> <p>Considering the monsoon season and consumption of newly germinated grasses, deworming may be given to sheep, goat, cattle and milch animals.</p> <p>Present weather is conducive for Anthrax disease in animals, hence vaccination may be done at near by animal husbandry hospitals.</p>

SMS advisory

- Cool weather with high morning and afternoon Relative humidity is favourable for blast incidence in rice. Monitor the crop carefully and spray initially with tricyclozone @ 1g / litre of water.

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