



Tamil Nadu Agricultural University
&
Indi Meteorological Department
Agromet Advisory Bulletin for the Thoothukudi district
Bulletin No. 050/2022 Issued on 24.06.2022
(From 25th June 2022 to 29th June 2022)



Issued jointly by AMFU Unit, Agricultural Research Station, Kovilpatti,
TNAU & IMD

Weather Summary for the period since the issue of last bulletin 49 (21.06.2022) for Tamil Nadu. Maximum temperature ranged on 31-37°C and minimum temperature ranged on 21-29°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged on 17-20°C and minimum temperature ranged on 10-11°C. During this period scattered distribution with very light to moderate intensity of rainfall was recorded in Tamil Nadu.

Weather Summary for Thoothukudi district

Past week weather Summary (21.06.2022 to 23.06.2022)			Weather Parameters	Ensemble weather forecast valid until 08:30 hrs of 29.06.2022				
Day 1 21/06	Day 2 22/06	Day 3 23/06		Day 1 25/06	Day 2 26/06	Day 3 27/06	Day 4 28/06	Day 5 29/06
0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
33	38	36	Max. Temp. (°C)	35	35	35	35	35
28	27	27	Min. Temp. (°C)	27	27	27	27	27
4	4	5	Cloud cover (Octa)	4	4	4	4	4
73	67	73	Relative humidity - Mor. (%)	70	70	70	70	70
54	68	78	Relative humidity - Eve. (%)	60	60	60	60	60
16	14	3	Wind speed (kmph)	12	12	10	10	10
290/ WNW	290/ WNW	290/ WNW	Wind direction (dd)	270/ W	270/W	270/ W	270/ W	270/ W

Weather forecast for next five days: 25.06.2022 to 29.06.2022

According to district forecast issued by the India Meteorological Department for Thoothukudi district, sky condition will be partly cloudy sky. No rainfall is predicted for next five days. The Maximum temperature is expected to be around 35°C and Minimum temperature is expected to be around 27°C. Morning relative humidity is expected to be around 70 per cent and evening relative humidity is expected to be around 60 per cent. 24-hour wind speed is expected to be around 10-12 km per hour and the wind direction will be from West direction.

Agromet Advisory

Crop/ Ecosystem	Stage / Activities	Advisories
Irrigated crops	Water management	No rainfall is predicted for next five days. Farmers are advised to irrigate the crop.
Irrigated crops	Temperature decrease	Farmers are advised for regular monitoring of incidence and preparatory measures to control.
Dry land		Farmers are requested to practice the summer ploughing based on the suitable soil moisture prevailing for ploughing.
Banana	All stages	<input type="checkbox"/> Under prevailing weather condition Wilt disease noticed. Soil drenching of Carbendazim 0.1 per cent solution around the pseudostem at bimonthly intervals starting from five months after planting. <input type="checkbox"/> Wind speed may damage crop, so farmers are advised to provide stake for banana to prevent the crop lodging.
Moringa	All the stages	As wind speed is high, agronomic practices such as Pinching and earthing up may be followed. Pinching the terminal bud on the central leader stem is necessary when it attains a height of 75cm (two months after sowing). Earthing up of the soil at the base of the tree is useful to give it the strength. It has also been reported that spraying of Gibberellic acid @ 20 ppm on 90 th day of sowing increased all the pod characters,
Gourds	Vegetative stage	Under prevailing weather condition powdery mildew and yellow mosaic virus disease noticed. To control powdery mildew spray wettable Sulfur 2.5g/lit. and to control yellow mosaic spray Imidachloprid 0.5ml/ litre.

SMS: Rain: Nil. Irrigate the crop. Gourds- powdery mildew, spray wettable Sulfur 2.5g/lit. and yellow mosaic virus disease- spray Imidachloprid 0.5ml/ litre.

Tamil Nadu		
Southwest Monsoon has been active over Coastal Karnataka. Yesterday's off-shore trough at mean sea level from south Gujarat coast to Karnataka coast persists. Yesterday's feeble trough from north interior Tamilnadu to Comorin area now runs across interior Tamilnadu upto 0.9km above mean sea level.		
Next five days	Weather warning	<input type="checkbox"/> Light to moderate rain is likely to occur at a few places with isolated thunderstorm and lightning over Tamilnadu, Puducherry and Karaikal area on Day 1 (25.06.2022) <input type="checkbox"/> Light to moderate rain is likely to occur at isolated places over Tamilnadu, Puducherry and Karaikal area on Day 2 (26.06.2022) and Day 5 (29.06.2022)
	Thunderstorm Warning	Day 1 (25.06.2022): Thunderstorm with lightning is likely to occur at isolated places over Tamilnadu, Puducherry and Karaikal area.
Extended range of weather forecast		Week 2 (01.07.2022 to 07.07.2022): <input type="checkbox"/> There is possibility of slightly above normal rainfall over the extreme northern parts and near normal rainfall

		<p>over the rest of Tamilnadu, Puducherry & Karaikal during the week</p> <ul style="list-style-type: none">□ Maximum temperatures are likely to be generally near normal over Tamilnadu, Puducherry & Karaikal and are likely to be in the range 30°C to 34°C in the north coastal and adjoining districts, 26°C to 34°C in the plains of the rest of north interior districts and in the range 28°C to 34°C in the plains of the southern districts of Tamilnadu during week□ Minimum temperatures are likely to be generally near normal over Tamil Nadu, Puducherry and Karaikal and are likely to be in the range 24°C to 28°C in the coastal and adjoining interior districts of Tamil Nadu, Puducherry and Karaikal and 20°C to 24°C in the plains of the rest of the districts of Tamil Nadu during the week
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