



Tamil Nadu Agricultural University
&
India Meteorological Department
Agromet Advisory Bulletin for the Thoothukudi district
Bulletin No. 067/2022 Issued on 23.08.2022
(From 24th August 2022 to 28th August 2022)
 Issued jointly by AMFU Unit, Agricultural Research Station, Kovilpatti,
 TNAU & IMD



Weather Summary for the period since the issue of last bulletin 66 (19.08.2022) for Tamil Nadu. Maximum temperature ranged on 30-38°C and minimum temperature ranged on 21-29°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged on 20-22°C and minimum temperature ranged on 10-12°C. During this period wide spread distribution with very light to moderate intensity of rainfall was recorded in Tamil Nadu.

Weather Summary for Thoothukudi district

Past week weather Summary (18.08.2022 to 22.08.2022)					Weather Parameters	Ensemble weather forecast valid until 08:30 hrs of 28.08.2022				
Day 1 18/08	Day 2 19/08	Day 3 20/08	Day 4 21/08	Day 5 22/08		Day 1 24/08	Day 2 25/08	Day 3 26/08	Day 4 27/08	Day 5 28/08
0.0	5.1	0.5	0.0	0.0	Rainfall (mm)	4	0	3	6	4
32	33	33	NA	NA	Max. Temp. (°C)	37	36	36	36	36
27	25	NA	NA	26	Min. Temp. (°C)	26	27	26	26	26
4	5	NA	NA	6	Cloud cover (Octa)	8	8	8	8	8
80	78	NA	NA	83	Relative humidity - Mor. (%)	70	70	70	70	70
77	80	NA	NA	64	Relative humidity - Eve. (%)	50	50	50	50	50
4	3	NA	NA	10	Wind speed (kmph)	10	10	10	8	8
200/S	200/S	NA	NA	290/W	Wind direction (dd)	280/W	280/W	280/W	280/W	280/W

Weather forecast for next five days: 24.08.2022 to 28.08.2022

According to district forecast issued by the India Meteorological Department for Thoothukudi district, sky condition will be cloudy sky. Light rainfall is predicted on day 1(24.08.2022), day 3 (26.08.2022) to day 5(28.08.2022). The Maximum temperature is expected to be around 36-37°C and Minimum temperature is expected to be around 26-27°C. Morning relative humidity is expected to be around 70 per cent and evening relative humidity is expected to be around 50 per cent. 24-hour wind speed is expected to be around 8-10 km per hour and the wind direction will be from West direction.

Agromet Advisory

Crop/ Ecosystem	Stage / Activities	Advisories
Irrigated crops	Water management	Light rainfall is predicted on day 1(24.08.2022), day 3 (26.08.2022) to day 5(28.08.2022). Farmers are advised to irrigate the crop.
Irrigated crops	Spraying	Moderate relative humidity with wind speed is conducive for disease spread. So, farmers are advised to take the prophylactic measures to control the disease spread.
Ploughing	Pre monsoon preparation	Make use of the rainfall for ploughing the field in order to reduce the weed and preparatory cultivation for the ensuing monsoon cultivation.
Banana	All stages	Sigatoka leaf spot spreads fast in a humid weather. Farmers are advised to go with foliar sprays of 0.1 per cent Propiconazole, 0.2 per cent Carbendazim and 0.25 per cent Mancozeb with 15-day intervals between each spray as a prophylactic measure.
Coconut		Increase in temperature, Red Palm Weevil is noticed. To avoid the spread, avoid the cutting of green leaves. If needed, they should be cut about 120 cm away from the stem in order to prevent successful inward movement of the grubs through the cut end. In attacked palms, observe for the bore- holes and seal them except the top most one. Through the top most hole, pour 1% carbaryl (20gm/lt) or 0.2% trichlorphon @ one litre per palm using a funnel. Then plug this hole also. If needed repeat after one week
Mango		High humidity and moist conditions favours the development of dieback disease. the symptoms are noticed commonly associated with drying and withering of twigs from top downwards, followed by discoloration, drying and eventual dropping of leaves. To control spray mancozeb 2 gram per litre of water.

SMS: Rain: 24,26-28.08-4,3,6&4mm. Irrigate the crop. Mango - drying and withering of twigs from top downwards- spray mancozeb 2 gram per litre of water.

Tamil Nadu		
Southwest monsoon has been active over Tamil Nadu. Moderate westerlies prevail over the region in the lower tropospheric levels.		
Next five days	Weather warning	<ul style="list-style-type: none"> ☐ Light to moderate rain at many places with isolated Thunderstorm & lightning is likely to occur over Tamil Nadu Puducherry and Karaikal area on Day 1 (24.08.2022). ☐ Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore, Theni, Dindigul, Tiruppur, Chengalpattu, Kancheepuram, Villupuram, Cuddalore, Pudukottai, Perambalur, Ariyalur, Tiruchirapalli and delta districts of Tamil Nadu, Puducherry and Karaikal on Day 1 (24.08.2022). ☐ Light to moderate rain at many places with isolated Thunderstorm & lightning is likely to occur over Tamil Nadu, Puducherry and Karaikal area on Day 2 (25.08.2022). ☐ Heavy rain is likely to occur at isolated places over Nilgiris,

		<p>Coimbatore, Theni, Dindigul, Tiruppur, Thenkasi, Chengalpattu, Kancheepuram, Villupuram, Cuddalore, Pudukottai, Erode and delta districts of Tamil Nadu, Puducherry and Karaikal on Day 2 (25.08.2022).</p> <ul style="list-style-type: none"> □ Light to moderate rain at many places with isolated Thunderstorm & lightning is likely to occur over Tamil Nadu, Puducherry and Karaikal area on Day 3 (26.08.2022). □ Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore, Theni, Dindigul, Tiruppur, Erode, Krishnagiri, Dharmapuri, Salem, Tirupattur, Vellore, Ranipet, Tiruvannamalai, Kallakurichi, Villupuram, Chengalpattu and Kancheepuram districts of Tamil Nadu and Puducherry on Day 3 (26.08.2022). □ Light to moderate rain at many places with isolated Thunderstorm & lightning is likely to occur over Tamil Nadu, Puducherry and Karaikal area on Day 4 (27.08.2022). □ Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore, Theni, Dindigul, Tiruppur, Erode, Krishnagiri, Dharmapuri, Salem, Namakkal, Karur, Kallakurichi, Cuddalore, Perambalur, Ariyalur, Tiruchirapalli, Pudukottai and delta districts of Tamil Nadu, Puducherry and Karaikal on Day 4 (27.08.2022). □ Light to moderate rain at a few places with isolated Thunderstorm & lightning is likely to occur over Tamilnadu, Puducherry and Karaikal area Day 5 (28.08.2022).
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