



**Tamil Nadu Agricultural University**  
&  
**India Meteorological Department**  
**Agromet Advisory Bulletin for the Thoothukudi district**  
**Bulletin No. 069/2022 Issued on 30.08.2022**  
**(From 31<sup>st</sup> August 2022 to 04<sup>th</sup> September 2022)**  
Issued jointly by AMFU Unit, Agricultural Research Station, Kovilpatti,  
TNAU & IMD



Weather Summary for the period since the issue of last bulletin 68 (26.08.2022) for Tamil Nadu. Maximum temperature ranged on 29-36°C and minimum temperature ranged on 20-26°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged on 17-20°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 (25.08.2022 to 29.08.2022)					Weather Parameters	Ensemble weather forecast valid until 08:30 hrs of 04.09.2022				
Day 1 25/08	Day 2 26/08	Day 3 27/08	Day 4 28/08	Day 5 29/08		Day 1 31/08	Day 2 01/09	Day 3 02/09	Day 4 03/09	Day 5 04/09
1.0	10.1	2.3	3.0	3.2	<b>Rainfall (mm)</b>	7	4	4	10	4
33	33	NA	NA	NA	<b>Max. Temp. (°C)</b>	34	34	34	34	34
25	26	NA	NA	25	<b>Min. Temp. (°C)</b>	27	27	27	27	27
8	5	NA	NA	4	<b>Cloud cover (Octa)</b>	6	6	6	6	6
76	81	NA	NA	78	<b>Relative humidity - Mor. (%)</b>	75	75	75	75	75
83	83	NA	NA	75	<b>Relative humidity - Eve. (%)</b>	65	65	65	65	65
0	4	NA	NA	1	<b>Wind speed (kmph)</b>	10	10	10	10	10
0/N	200/S	NA	NA	200/S	<b>Wind direction (dd)</b>	200/S	230/S W	230/S W	230/SW	230/S W

**Weather forecast for next five days: 31.08.2022 to 04.09.2022**

According to district forecast issued by the India Meteorological Department for Thoothukudi district, sky condition will be generally cloudy sky. Light rainfall is predicted for next five days. The Maximum temperature is expected to be around 34°C and Minimum temperature is expected to be around 27°C. Morning relative humidity is expected to be around 75 per cent and evening relative humidity is expected to be around 65 per cent. 24-hour wind speed is expected to be around 10 km per hour and the wind direction will be from South and Southwest direction.

## Agromet Advisory

Crop/ Ecosystem	Stage / Activities	Advisories
Irrigated crops	Water management	Light to moderate rainfall during past week and light rainfall is predict for next five days. Hence, Farmers are requested to postpone the irrigation to avoid plant root suffocation. However, Farmers are advised to irrigate based on the local weather prevail.
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.
Green manure		Farmers are advice to sow green manure crop in the Late Pishanam rice field as insitu moisture conservation using the South West Monsoon rainfall.
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: 31.08-04.09-7,4,4,10&4 mm. Postponed the irrigation. Mango – dieback disease- drying and withering of twigs from top downwards- spray mancozeb 2 gram per litre of water.

<b>Tamil Nadu</b>		
Yesterday's cyclonic circulation over south Coastal Andhra Pradesh & neighbourhood now lies over interior Tamilnadu & neighbourhood and extends upto 4.5 km above mean sea level tilting southwards with height. A trough in easterlies runs from the above cyclonic circulation over interior Tamilnadu & neighbourhood to west Vidarbha across Telangana, Rayalaseema and extends upto 1.5 km above mean sea level.		
Next five days	Weather warning	<ul style="list-style-type: none"> <li><input type="checkbox"/> Light to moderate rain at many places with isolated Thunderstorm &amp; lightning is likely to occur over Tamilnadu, Puducherry &amp; Karaikal from Day 1(31.08.2022) to Day 5 (04.09.2022).</li> <li><input type="checkbox"/> Heavy to very heavy rain is likely to occur at isolated places over Nilgiris, Kanyakumari and Tirunelveli districts. Heavy rain is likely to occur at isolated places over Coimbatore, Tiruppur Erode, Salem, Namakkal, Theni, Dindigul, Thenkasi, Virudhunagar and Madurai</li> </ul>

		<p>districts of Tamilnadu on Day 1 (31.08.2022).</p> <ul style="list-style-type: none"><li>□ Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore, Tiruppur, Erode, Dharmapuri, Krishnagiri, Salem, Tirupattur, Namakkal, Kallakurichi, Dindigul, Madurai, Theni, Thenkasi, Kanyakumari and Tirunelveli districts of Tamilnadu on Day 2 (01.09.2022).</li><li>□ Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore, Tiruppur, Erode, Dharmapuri, Krishnagiri, Salem, Tirupattur, Namakkal, Kallakurichi, Tiruchirapalli, Perambalur, Karur, Dindigul, Madurai, Theni, Thenkasi, Kanyakumari and Tirunelveli districts of Tamilnadu on Day 3 (02.09.2022).</li><li>□ Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore, Tiruppur, Erode, Salem, Namakkal, Krishnagiri, Dharmapuri, Tirupattur and Dindigul districts of Tamilnadu on Day 4 (03.09.2022).</li><li>□ Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore, Erode, Salem, Dharmapuri, Krishnagiri and Tirupattur districts of Tamilnadu on Day 5 (04.09.2022).</li></ul>
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Professor and Head  
Agricultural Research Station  
Kovilpatti