



**Tamil Nadu Agricultural University**  
**&**  
**India Meteorological Department**  
**Agromet Advisory Bulletin for the Virudhunagar district**  
**Bulletin No. 065/2022 Issued on 16.08.2022**  
**(From 17<sup>th</sup> August 2022 to 21<sup>st</sup> August 2022)**  
 Issued jointly by AMFU Unit, Agricultural Research Station, Kovilpatti,  
 TNAU & IMD



Weather Summary for the period since the issue of last bulletin 64 (12.08.2022) for Tamil Nadu. Maximum temperature ranged on 29-38°C and minimum temperature ranged on 22-29°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged on 16-22°C and minimum temperature ranged on 8-11°C. During this period wide spread distribution with very light to moderate intensity of rainfall was recorded in Tamil Nadu.

**Weather Summary for Virudhunagar district**

Past week weather Summary (11.08.2022 to 15.08.2022)					Weather Parameters	Ensemble weather forecast valid until 08:30 hrs of 21.08.2022				
Day 1 11/08	Day 2 12/08	Day 3 13/08	Day 4 14/08	Day 5 15/08		Day 1 17/08	Day 2 18/08	Day 3 19/08	Day 4 20/08	Day 5 21/08
0.0	0.0	0.0	0.0	0.0	<b>Rainfall (mm)</b>	0	3	8	12	3
36	37	38	36	37	<b>Max. Temp. (°C)</b>	37	37	35	34	35
23	24	25	23	25	<b>Min. Temp. (°C)</b>	27	26	25	25	25
4	5	4	5	4	<b>Cloud cover (Octa)</b>	4	6	6	6	4
59	58	56	58	61	<b>Relative humidity - Mor. (%)</b>	65	65	70	75	65
44	43	46	49	44	<b>Relative humidity - Eve. (%)</b>	50	55	60	65	55
19	8	4	2	6	<b>Wind speed (kmph)</b>	12	12	10	10	10
270/ W	270/ W	220/ SW	200/ S	270/ W	<b>Wind direction (dd)</b>	270/ W	270/ W	290/ W	320/ NW	270/ W

**Weather forecast for next five days: 17.08.2022 to 21.08.2022**

According to district forecast issued by the India Meteorological Department for Virudhunagar district, sky condition will be partly to generally cloudy sky. Light rainfall is predicted for day 2 (18.08.2022) to day 5 (21.08.2022). The Maximum temperature is expected to be around 34-37°C and Minimum temperature is expected to be around 25-27°C. Morning relative humidity is expected to be around 65-75 per cent and evening relative humidity is expected to be around 50-60 per cent. 24-hour wind speed is expected to be around 10-12 km per hour and the wind direction will be from West and Northwest direction.

## Agromet Advisory

Crop/ Ecosystem	Stage / Activities	Advisories
Irrigated crops	Water management	Light rainfall is predicted for day 2 (18.08.2022) to day 5 (21.08.2022). Farmers are requested to irrigate the crop based on the soil moisture available for the crop.
	Spraying	As moderate relative humidity and high wind speed is predicted for next five days, more chance for disease spread. So, farmers are advised to take the prophylactic measures to control the disease spread.
Banana	All the 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.
Animal husbandry	Goat	<p>Management of Sheep &amp; Goats during Pre-monsoon season</p> <ol style="list-style-type: none"> <li>1. Availability of green fodder during pre-monsoon season is difficult. So, farmers can feed their animals with unconventional fodders like trees, agricultural by products (groundnut hulls, etc.).</li> <li>2. Mineral mixture should be supplemented through feed.</li> <li>3. Sheep &amp; Goats should be vaccinated for a viral disease- Peste des Petits Ruminants (PPR).</li> <li>4. Based on the disease forecast, sheep &amp; goats should be vaccinated for Anthrax, Haemorrhagic septicemia during pre-monsoon.</li> <li>5. Control of external parasites like ticks, mites, flies should be done through “Dipping”. By this animal can be protected from most of the protozoal diseases.</li> <li>6. Deworming should be done to control the internal parasites.</li> </ol>
Groundnut	Reproductive to Peg formation stage	Intermittent rainfall favours for Tikka early leaf spot disease occurs during 3-4 Weeks after sowing and its early spread through wind. Foliar spray with Chlorothalonil at 0.2% (2 grams per liters) or 1kg per acre can be recommended to control the disease at early stage.
Onion	Vegetative phase	Dry weather with mild wind is conducive for Onion Thrips Symptoms of damage: 1. Small white silvery patches are seen all over the leaves. 2. In severe infestation, leaves dry from tip to downward. Spray insecticides, Fipronil 80 WG @1.5 g/10 liters of water.

**SMS:** Rain:18-21.08- 3,8,12&3mm. Irrigation may be given. Onion- Thrips- spray Fipronil 80 WG @1.5 g/10 lit.

### Tamil Nadu

Yesterday's north-south trough now runs from Rayalaseema to Gulf of Mannar across Tamilnadu at 0.9 km above mean sea level.

Next five days	Weather warning	<ul style="list-style-type: none"> <li>□ Light to moderate rain at a few places with isolated Thunderstorm &amp; lightning is likely to occur over Tamilnadu, Puducherry and Karaikal area on Day 1 (17.08.22).</li> <li>□ Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore, Erode, Dharmapuri and Salem districts of Tamilnadu on Day 1 (17.08.22).</li> <li>□ Light to moderate rain at a few places with isolated Thunderstorm &amp; lightning is likely to occur over Tamilnadu, Puducherry and Karaikal area on Day 2 (18.08.22).</li> <li>□ Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore, Erode, Krishnagiri, Dharmapuri, Salem and Namakkal districts of Tamilnadu on Day 2 (18.08.22).</li> <li>□ Light to moderate rain at a few places with isolated Thunderstorm &amp; lightning is likely to occur over Tamilnadu, Puducherry and Karaikal area on Day 3 (19.08.22).</li> <li>□ Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore, Erode, Salem, Dharmapuri, Krishnagiri, Kallakurichi, Cuddalore, Mayiladuthurai, Pudukkottai, Thanjavur, Tiruvarur, Nagapattinam, Tiruchirapalli, Ariyalur, Perambalur, Namakkal, Karur, Dindigul, Theni and Tiruppur districts of Tamilnadu, Puducherry &amp; Karaikal on Day 3 (19.08.22).</li> <li>□ Light to moderate rain is likely to occur at a few places over Tamilnadu, Puducherry and Karaikal area on Day 4 (20.08.22).</li> <li>□ Light to moderate rain is likely to occur at isolated places over Tamilnadu, Puducherry and Karaikal area on Day 5 (21-08-22).</li> </ul>
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