



**Tamil Nadu Agricultural University**  
&  
**Indi Meteorological Department**  
**Agromet Advisory Bulletin for the Tirunelveli district**  
**Bulletin No. 043/2022 Issued on 31.05.2022**  
**(From 01<sup>st</sup> June 2022 to 05<sup>th</sup> June 2022)**



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

Weather Summary for the period since the issue of last bulletin 42 (31.05.2022) for Tamil Nadu. Maximum temperature ranged on 30-40°C and minimum temperature ranged on 22-28°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged on 17-22°C and minimum temperature ranged on 7-12°C. During this period wide spread distribution with very light to moderate intensity of rainfall was recorded in Tamil Nadu.

**Weather Summary for Tirunelveli district**

Past week weather Summary (27.05.2022 to 30.05.2022)				Weather Parameters	Ensemble weather forecast valid until 08:30 hrs of 05.05.2022				
Day 1 27/05	Day 2 28/05	Day 3 29/05	Day 4 30/05		Day 1 01/06	Day 2 02/06	Day 3 03/06	Day 4 04/06	Day 5 05/06
0.0	0.0	0.1	0.0	<b>Rainfall (mm)</b>	3	2	5	10	5
37	37	37	37	<b>Max. Temp. (°C)</b>	36	36	35	35	35
25	25	25	25	<b>Min. Temp. (°C)</b>	25	25	25	25	25
3	3	2	3	<b>Cloud cover (Octa)</b>	6	6	7	7	7
61	62	62	66	<b>Relative humidity - Mor. (%)</b>	85	85	85	85	85
39	41	41	42	<b>Relative humidity - Eve. (%)</b>	45	45	45	45	45
0	0	0	2	<b>Wind speed (kmph)</b>	15	15	15	15	15
0/N	0/N	0/N	360/N	<b>Wind direction (dd)</b>	270/W	270/W	270/W	270/W	270/W

**Weather forecast for next five days: 01.06.2022 to 05.06.2022**

According to district forecast issued by the India Meteorological Department for Tirunelveli district, sky will be high to very high cloud cover. Very light to light rainfall is predicted for next five days. The Maximum temperature is expected to be around 35-36°C and Minimum temperature is expected to be around 25°C. Morning relative humidity is expected to be around 85 per cent and evening relative humidity is expected to be around 45 per cent. 24-hour wind speed is expected to be around 15 km per hour and the wind direction will be from West direction.

## Agro Advisory

Crop/ Ecosystem	Stage / Activities	Advisories
Irrigated crops	Water management	<input type="checkbox"/> Light rainfall is predicted for next five days. Postpone the irrigation. <input type="checkbox"/> However, irrigation may be planned based on the regular monitoring of weather forecast as South West monsoon started. <input type="checkbox"/> Proper drainage channel may be provided to avoid crop lodging.
Green manure		<input type="checkbox"/> Sow green manure crop around the tree crops to conserve soil moisture.
Agricultural/ Horticultural crops	Spraying/ Fertilizer	Spraying of chemicals may be avoided for the next five days.
Irrigated condition	Pre sowing operation	As the south west monsoon started, farmers are advised to plan for sowing.
Dry land		Farmers are requested to practice the summer ploughing based on the suitable soil moisture prevailing for ploughing.
Sorghum	Vegetative stage	<input type="checkbox"/> Based on the local weather, fertilizer application may be practice. <input type="checkbox"/> Postpone the irrigation and proper drainage facilities may be given. <input type="checkbox"/> In the prevailing weather condition Stem borer incidence may be noticed. For controlling this monitor the pest and if incidence crosses economic threshold level (10%) mix any one of the following insecticides with sand to make up a total quantity of 50 kg/ ha and apply in the leaf whorls. Mix the sand with Phorate 10G 8 kg/ha or Carbofuran 3G 17 kg/ha.
Rice	Active Tillering stage	<input type="checkbox"/> In the prevailing weather condition <b>sucking pest - Thrips</b> occurrence may be noticed. Symptoms- Leaf shows discoloration and rolling. Yellow (or) silvery streaks on the leaves of young seedlings. Terminal rolling and drying of leaves from tip to base. Spray Azadirachtin 0.15% W/W 1500-2500 g/ha. (or) Thiamethoxam 25% WG 100 g/ha
Cotton	Boll development stage	<input type="checkbox"/> In the prevailing weather condition <b>sucking pest - white fly</b> occurrence is noticed. ETL: 5 - 10 /leaf. <b>Chemical control spray</b> -Acetamiprid 20% SP 100 g/ha (or) Chlorpyriphos 20% EC 1250 ml/ha <input type="checkbox"/> <b>Plant products</b> -Neem seed kernel extract 5% (50 kg) and neem oil at 5 ml/l of water (or) Notchi leaves 5% extract.

**SMS:** Rain: 01-05.06-3,2,5,10&5 mm. Irrigation, Spraying may be avoid. Sorghum - Stem borer- Phorate 10G 8 kg/ha or Carbofuran 3G 17 kg/ha.

### Tamil Nadu

**Southwest Monsoon has advanced over some more parts of Karnataka, entire Kerala, some more parts of Tamil Nadu, some more parts of southwest Bay of Bengal and some parts of Westcentral Bay of Bengal.**

Next five days	Weather warning	<input type="checkbox"/> Thunderstorm with light to moderate rain at a few places is likely to occur over Tamilnadu, Puducherry and Karaikal area on Day 1 (01.06.2022). <input type="checkbox"/> Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore, Tiruppur, Dindigul, Erode, Krishnagiri,
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		<p>Dharmapuri, Salem, Namakkal and Karur districts of Tamilnadu Day 1 (01.06.2022).</p> <ul style="list-style-type: none"> <li>□ Thunderstorm with light to moderate rain at a few places is likely to occur over Tamilnadu, Puducherry and Karaikal area on Day 2 (02.06.2022).</li> <li>□ Light to moderate rain is likely to occur at a few places over Tamilnadu, Puducherry and Karaikal area Day 3 (03.06.2022).</li> <li>□ Light to moderate rain is likely to occur at isolated places over Tamilnadu, Puducherry and Karaikal area Day 4 (04.06.2022) and Day 5 (05.06.2022).</li> </ul>
	Heavy Rainfall Warning	Day 1(31.05.2022): Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore, Tiruppur, Dindigul, Erode, Krishnagiri, Dharmapuri, Salem, Namakkal and Karur districts of Tamilnadu.
	Thunderstorm Warning	Day 1 (01.06.2022) & Day 2 (02.06.2022): Thunderstorm with lightning is likely to occur at isolated places over Tamilnadu, Puducherry and Karaikal area.

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