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**Tirunelveli District level AAB No. 027/2024 Day & Date: Tuesday & 02.04.2024**

Observed weather for the period 26 <sup>th</sup> March 01 <sup>st</sup> April, 2024							Weather Parameters / Date	Weather forecast (Valid from 03 <sup>rd</sup> April 2024 to 8:30 hrs of 07 <sup>th</sup> April 2024)				
26/03	27/03	28/03	29/03	30/03	31/03	01/04		Day 1 03/04	Day 2 04/04	Day 3 05/04	Day 4 06/04	Day 5 07/04
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	3	0	0	0	0
36	35	35	35	36	37	37	Max. Temp. (°C)	38	39	39	39	39
26	25	26	27	25	25	26	Min. Temp. (°C)	27	27	27	26	26
Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Cloud cover (Octa)	General ly cloudy	General ly cloudy	Clear sky y	Partly cloud	General ly cloudy
83	81	72	70	68	59	69	Relative humidity - Mor. (%)	80	90	90	80	90
83	46	43	43	43	42	42	Relative humidity - Eve. (%)	40	30	30	30	30
4	5	2	2	2	2	3	Wind speed (kmph)	10	10	8	10	10
SW	SE	SSE	SSE	ENE	WSW	SSE	Wind direction (dd)	WSW	SE	W	WSW	WSW

<b>Rainfall (mm) in last week</b>	<b>Rainfall (mm) from 01/01/2024 to till dated</b>
0.0	247.7

**Weather forecast**

- **The maximum temperature is likely to increase 2°C compared to the previous week.**
- **Light rainfall is predicted on day 1 on 03.04.2024.**
- **Sky condition will be clear to generally cloudy.**
- **Wind speed is expected to be 8-10 km per hour and the wind direction will be from West-Southwest, Southeast, West West-Southwest direction.**

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	Light rainfall is predicted on day 1 (03.04.2024). Farmers are request to Irrigate.
rainfed / irrigated crops	Plant protection	Spraying maybe practiced. Usage of bioproducts may be practiced for plant protection to avoid scorching effect.
Paddy	Booting stage	Avoid excessive use of nitrogen and control irrigation by alternate wetting and drying to control Brown plant leafhopper.
Livestock	Temperature	Adults couldn't withstand the high temperature, to reduce the heat load usage of water sprinklers or misters can be useful to reduce temperature.
Human		Heat gain in the human body result to cascade of illnesses, including heat cramps, heat exhaustion, heatstroke, and hyperthermia. So requested to drink some water or fruit juice to rehydrate.

SMS: Rain: 03.04-3mm. Irrigate and proceed with application of fertilizer. Application of bioproducts for plant protection to avoid scorching. Paddy - Avoid excessive use of nitrogen and control irrigation to control Brown plant leafhopper.

Tamil Nadu		
Yesterday's trough/wind discontinuity from south Tamil Nadu to southeast Madhya Pradesh now runs from south Tamil Nadu to east Vidarbha across interior Karnataka & Marathwada at 0.9 km above mean sea level		
Weather forecast	Next five days	<ul style="list-style-type: none"> <li>• Light to Moderate rain with thunderstorm &amp; lightning is likely to occur at one or two places over South Tamilnadu and Western Ghats districts of North Tamilnadu on Day 1 (03.04.2024).</li> <li>• Dry weather is very likely to prevail over rest Tamilnadu, Puducherry &amp; Karaikal area on Day 1 (03.04.2024).</li> <li>• Light to Moderate rain is likely to occur at one or two places over South Tamilnadu, Western Ghats districts of North Tamilnadu, Delta districts and Karaikal area on Day 2</li> </ul>

		<p>(04.04.2024).</p> <ul style="list-style-type: none"> <li>• Dry weather is very likely to prevail over rest Tamilnadu and Puducherry on Day 2 (04.04.2024).</li> <li>• Dry weather is very likely to prevail over Tamilnadu, Puducherry &amp; Karaikal area from Day 3 (05.04.2024) to Day 5 (07.04.2024).</li> </ul>
Extended range weather forecast		<p>Week (05-04-2024 to 11-04-2024): Slightly below normal rainfall is likely over the southern and the delta districts and Karaikal area and generally dry weather condition is likely over rest of Tamilnadu and Puducherry.</p>

**Professor and Head**  
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