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|   | **Gramin Krishi Mausam Sewa (GKMS)****Agromet Field Unit (AMFU)**Agricultural Research Station, TNAU, Kovilpatti - 628 501Email: agmet\_arskpt@yahoo.co.in, amfukovilpatti@gmail.com |  |

**Thirunelveli District level AAB No.026/2025 Day & Date: Tuesday & 01.04.2025**

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| **Observed weather for the period 25th March to 31st March2025** | **Weather Parameters / Date** | **Weather forecast****(Valid from 2nd April 2025 to 8:30 hrs. of 06th April 2025)** |
| **25/03** | **26/03** | **27/03** | **28/03** | **29/03** | **30/03** | **31/03** | **Day 1****02/04** | **Day 2****03/04** | **Day 3****04/04** | **Day 4****05/04** | **Day 5****06/04** |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | **Rainfall (mm)** | 1 | 14 | 5 | 2 | 20 |
| 35 | 35 | 35 | 35 | 36 | 37 | 37 | **Max. Temp. (oC)** | 37 | 36 | 34 | 33 | 33 |
| 27 | 26 | 26 | 26 | 25 | 24 | 25 | **Min. Temp. (oC)** | 25 | 24 | 23 | 23 | 23 |
| Clear sky | Partly cloudy | Partly cloudy | Clear sky | Clear sky | Clear sky | Clear sky | **Sky condition** | Clear sky | Mainly cloudy | Mainly cloudy | Mainly cloudy | Mainly cloudy |
| 92 | 89 | 87 | 84 | 84 | 81 | 87 | **RH - Mor. (%)** | 80 | 80 | 80 | 80 | 80 |
| 56 | 56 | 51 | 48 | 40 | 38 | 41 | **RH - Eve. (%)** | 40 | 50 | 40 | 50 | 50 |
| 1 | 1 | 2 | 1 | 1 | 0 | 3 | **Wind speed (kmph)** | 6 | 8 | 8 | 8 | 8 |
| SSE | SSE | SSE | NE | SSE | N | SSE | **Wind direction** | SSE | SSW | WSW | W | W |

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| **Rainfall (mm) in last week** | **Rainfall (mm) from 01/01/2025 to till dated** |
| 0.0 | **428.5** |

**Weather forecast**

* The maximum temperature is likely to same compared to the previous week.
* Very light to moderate rain is predicted for the next five days.
* Sky condition will be mainly cloudy.
* Wind speed is expected to be 6-8 km per hour and the wind direction will be from South-Southeast, South-Southwest and West direction.

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| **Crop** | **Stage** | **Agromet Advisory** |
| Irrigated crops  | Water management | There is a chance of rainfall; hence, farmers are advised to irrigate the crop based on soil moisture levels.  |
| Rainfed & irrigated crops | Rainfall | Farmers are advised to spray based on the occurrence (above ETL) and weather prevail. |
| Rice fallow pulse | Sowing | Chance of rainfall; sowing should be done at the earliest. |
| Coconut  | All stages | Present weather is conducive for Rugose Spiraling Whitefly. Application of water, maida solution as spray in order to increase the population of Encarsia parasitic. Also keep yellow stick trap. |
| Citrus | Fruiting stage | * Prevailing weather may persist for the incidence of canker disease (bacterial). To control spray copper oxy chloride 0.2% @ 15 days intervals.
* Mulching may be practiced to improve the soil moisture.
 |
| Guava |
| General  | Preparatory work | Utilize the shower for summer ploughing to improve the soil's physical condition.  |

SMS: Rain: 02-06.03-1,14,5,2&20mm. Rice fallow pulse- sowing should be done at the earliest.

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| **Tamil Nadu Weather forecast** |
| Yesterday’s north-south trough now runs from the cyclonic circulation over Madhya Maharashtra & neighbourhood to Comorin area across Karnataka & Tamil Nadu at 0.9 km above mean sea level.Yesterday’s upper air Cyclonic Circulation over southwest Bay of Bengal now lies over southwest Bay of Bengal & adjoining north Tamil Nadu between 1.5 & 3.1 km above mean sea level. |
| Next five days weather  | * **Day 1 (02.04.2025):** Light to moderate rain with thunderstorm & lightning is likely to occur at one or two places over Tamilnadu.
* **Day 2 (03.04.2025):** Light to moderate rain at a few places with thunderstorm & lightning at one or two places is likely to occur over Tamilnadu.
* **Day 3 (04.04.2025):** Light to moderate rain at a few places with thunderstorm & lightning at one or two places is likely to occur over Tamilnadu.
* **Day 4 (05.04.2025):** Light to moderate rain at a few places with thunderstorm & lightning at one or two places is likely to occur over Tamilnadu.

**Heavy rain is likely to occur at isolated places over Nilgiris, Ghat areas of Coimbatore, Tiruppur, Erode, Salem, Namakkal, Karur, Tiruchirappalli, Theni, Dindigul, Madurai, Sivagangai, Ramanathapuram, Virudhunagar and Thoothukudi** * **Day 5 (06.04.2025):** Light to moderate rain at a few places with thunderstorm & lightning at one or two places is likely to occur over Tamilnadu.
* **Heavy rain is likely to occur at isolated places over Nilgiris, Ghat areas of Coimbatore, Tiruppur, Erode, Salem, Namakkal, Karur, Tiruchirappalli, Theni, Dindigul, Madurai, Sivagangai, Ramanathapuram, Virudhunagar and Thoothukudi.**
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**Professor and Head**

**Agricultural Research Station**

 **Kovilpatti**