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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 |  |

 **Thoothukudi 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)** | 0 | 4 | 5 | 22 | 25 |
| 32 | 33 | 33 | 33 | NA | NA | NA | **Max. Temp. (oC)** | 34 | 34 | 33 | 32 | 31 |
| 26 | 26 | 25 | 27 | NA | NA | NA | **Min. Temp. (oC)** | 25 | 24 | 24 | 22 | 22 |
| Partly cloudy | Partly cloudy | Partly cloudy | Generally cloudy | NA | NA | NA | **Sky condition** | Clear sky | Mainly cloudy | Mainly cloudy | Mainly cloudy | Mainly cloudy |
| 81 | 78 | 80 | 78 | NA | NA | NA | **RH - Mor. (%)** | 70 | 70 | 70 | 70 | 70 |
| 74 | 74 | 73 | 74 | NA | NA | NA | **RH - Eve. (%)** | 50 | 50 | 40 | 40 | 40 |
| 0 | 2 | 3 | 6 | NA | NA | NA | **Wind speed (kmph)** | 12 | 12 | 12 | 10 | 8 |
| N | S | S | SSE | NA | NA | NA | **Wind direction** | SSE | S | S | S | SSW |

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| **Rainfall (mm) in last week** | **Rainfall (mm) from 01/01/2024 to till dated** |
| **0.0** | **106.1** |

**Weather forecast**

* The maximum temperature is likely to be increased 1°C compared to the previous week.
* Light rain is predicted on day 2 (03.04.2025) to day 5 (06.04.2025).
* Sky condition will be mainly cloudy.
* Wind speed is expected to be 8-12 km per hour and the wind direction will be from South -Southeast, Sout and South-Southwest direction.

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| **Crop** | **Stage** | **Agromet Advisory** |
| Irrigated crops  | Irrigation  | 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. |
| Chilli  | Fruiting stage | Farmers are advised to harvest the matured fruits and store them safely. |
| 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.
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| Guava |
| 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. |
| Banana | All stages | Earthing up should be practiced to avoid lodging |
| General  | Preparatory work | Utilize the shower for summer ploughing to improve the soil's physical condition.  |

SMS: Rain: 03-06.04-4,5,22&25 mm. 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**