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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 |  |

**Tirunelveli District level AAB No.072/2025 Day& Date: Tuesday&09.09.2025**

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| **Observed weather for the period 02nd September to 08th September2025** | **Weather Parameters / Date** | **Weather forecast****(Valid from 10th September 2025to8:30 hrs. of 14th September 2025)** |
| **02/09** | **03/09** | **04/09** | **05/09** | **06/09** | **07/09** | **08/09** | **Day 1****10/09** | **Day 2****11/09** | **Day 3****12/09** | **Day 4****13/09** | **Day 5****14/09** |
| 0.0 | 0.0 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | **Rainfall (mm)** | 15 | 4 | 0 | 3 | 0 |
| 37 | 36 | 37 | 38 | 38 | 39 | 39 | **Max. Temp. (oC)** | 38 | 37 | 36 | 36 | 35 |
| 29 | 29 | 26 | 27 | 29 | 29 | 29 | **Min. Temp. (oC)** | 28 | 27 | 26 | 26 | 25 |
| Partly cloudy | Partly cloudy | Partly cloudy | Partly cloudy | Partly cloudy | Partly cloudy | Generally cloudy | **Sky condition** | Mainly cloudy | Mainly cloudy | Generally cloudy | Mainly cloudy | Mainly cloudy |
| 48 | 61 | 64 | 64 | 65 | 65 | 63 | **RH - Mor. (%)** | 80 | 80 | 80 | 80 | 80 |
| 49 | 47 | 46 | 45 | 46 | 46 | 46 | **RH - Eve. (%)** | 50 | 50 | 50 | 50 | 50 |
| 7 | 6 | 3 | 3 | 0 | 4 | 3 | **Wind speed (kmph)** | 14 | 16 | 16 | 16 | 16 |
| NW | NW | NNW | NNW | N | NNW | NNW | **Wind direction** | W | W | W | W | W |

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| **Rainfall (mm) in last week** | **Rainfall (mm) from 01/01/2025 to till dated** |
| 1.1 | 908.2 |

**Weather forecast**

* **Maximum temperature is likely to decreased up to 1ºC from previous week.**
* Light rain is predicted on day 1 (10.09.2025), day 2 (11.09.2025) and day 4 (13.09.2025).
* **Sky condition will be generally to mainly cloudy.**
* Wind speed is expected to be 14-16 km per hour and the wind direction will be from West direction**.**

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| **Crop** | **Stage** | **Agromet Advisory** |
| Irrigated crops  | Water management | Postpone the irrigation for next two days. |
| All crops | Rainfall | Avoid to spraying. |
| Paddy  | Tillering stage | * If the local weather conditions are favorable for rainfall, spraying is advisable
* The prevailing weather is conducive for leaf folder incidence. Hence, farmers are advised to spray Azadirachtin 0.03% @ 1000 ml/ha, or Chlorantraniliprole 18.5% SC @ 150 g/ha, or Thiamethoxam 25% WG @ 100 g/ha, depending on the local weather conditions suitable for spraying.
 |
| Rainfed  | Sowing preparation | Farmers are advised to keep inputs like seeds, fertilizers ready to initiate rainfed sowing.  |

SMS: Rain: 10,11&13.09-15,4&3 mm. Postpone irrigation and spraying for next two days. Rainfed-get ready with inputs for sowing.

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| **Tamil Nadu Weather forecast** |
| An Upper Air Cyclonic circulation over Gulf of Mannar & neighbourhood at 1.5 km above mean sea level. A trough runs from South Interior Karnataka to Gulf of Mannar across Tamil Nadu at 0.9 km above mean sea level. |
| Next five days weather  | * **Day 1 (10.09.2025):** Light to moderate rain at a few places with thunderstorm & lightning with gusty winds speed reaching 30-40 kmph at one or two places is likely to occur over Tamilnadu.
* **Day 2 (11.09.2025):** Light to moderate rain at many places with thunderstorm & lightning with gusty winds speed reaching 30-40 kmph at one or two places is likely to occur over Tamilnadu.
* **Day 3 (12.09.2025):** Light to moderate rain at many places with thunderstorm & lightning with gusty winds speed reaching 30-40 kmph at one or two places is likely to occur over Tamilnadu.
* **Day 4 (13.09.2025) & Day 5 (14.09.2025):** Light to moderate rain is likely to occur at isolated places over Tamilnadu.
 |
| Temperature forecast | Generally no large change in maximum temperature during Day 1 (10.09.2025) to Day 3 (12.09.2025) over Tamilnadu. |

**Professor and Head**

**Agricultural Research Station**

**Kovilpatti**