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 **Thoothukudi 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 September 2025** | **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 | 0.0 | 0.0 | 0.2 | 0.0 | 1.3 | **Rainfall (mm)** | 0 | 0 | 1 | 1 | 0 |
| 38 | 39 | 39 | 39 | NA | NA | NA | **Max. Temp. (oC)** | 36 | 37 | 37 | 36 | 37 |
| 26 | 26 | 26 | NA | NA | NA | 25 | **Min. Temp. (oC)** | 27 | 27 | 27 | 26 | 27 |
| Partly cloudy | Partly cloudy | Partly cloudy | NA | NA | NA | Generally cloudy | **Sky condition** | Mainly cloudy | Generally cloudy | Generally cloudy | Mainly cloudy | Mainly cloudy |
| 72 | 70 | 74 | NA | NA | NA | 77 | **RH - Mor. (%)** | 70 | 70 | 70 | 70 | 60 |
| 57 | 57 | 58 | NA | NA | NA | 60 | **RH - Eve. (%)** | 40 | 40 | 40 | 40 | 30 |
| 6 | 10 | 5 | NA | NA | NA | 4 | **Wind speed** | 14 | 16 | 14 | 18 | 20 |
| SW | WSW | WNW | NA | NA | NA | W | **Wind direction** | SSW | WSW | W | W | W |

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| **Rainfall (mm) in last week** | **Rainfall (mm) from 01/01/2024 to till dated** |
| **1.5** | **184.1** |

**Weather forecast**

* **Maximum temperature is likely to decreased up to 2ºC from previous week.**
* Very light rain is predicted on day 3(12.09.2025) and day 4 (13.09.2025).
* **Sky condition will be generally to mainly cloudy.**
* Wind speed is expected to be 14-20 km per hour and the wind direction will be from South-Southwest, West-Southwest and West direction.

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| **Crop** | **Stage** | **Agromet Advisory** |
| Irrigated crops  | Water management | Very light rain is expected on 12.09.2025 and 13.09.2025 irrigation may be scheduled based on crop requirements and local weather conditions. |
| Rainfed & irrigated crops | Wind speed | Chance for disease incidence, advised for spraying. |
| Paddy | Tillering stage | 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. |
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| Rainfed  | Sowing preparation | Farmers are advised to keep inputs like seeds, fertilizers ready to initiate rainfed sowing.  |

SMS: Rain:12&13.09-1&1 mm. Paddy –Advised for Irrigation and fertilizer. 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**