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**Thoothukudi District level AAB No.042/2025 Day & Date: Tuesday & 27.05.2025**

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| **Observed weather for the period 20th May to 26st May2025** | | | | | | | **Weather Parameters / Date** | **Weather forecast**  **(Valid from 28rd May 2025 to 8:30 hrs. of 01thJune 2025)** | | | | |
| **20/05** | **21/05** | **22/05** | **23/05** | **24/05** | **25/05** | **26/05** | **Day 1**  **28/05** | **Day 2**  **29/05** | **Day 3**  **30/05** | **Day 4**  **31/05** | **Day 5**  **01/06** |
| 6.4 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.2 | **Rainfall (mm)** | 0 | 2 | 0 | 0 | 0 |
| 33 | 37 | 38 | 38 | 38 | NA | NA | **Max. Temp. (oC)** | 37 | 37 | 36 | 37 | 38 |
| 25 | 26 | 27 | 27 | NA | NA | 25 | **Min. Temp. (oC)** | 25 | 25 | 26 | 26 | 26 |
| Partly Cloudy | Partly Cloudy | Partly Cloudy | Mainly Clear | NA | NA | Mainly Cloudy | **Sky condition** | Partly Cloudy | Generally Cloudy | Generally Cloudy | Partly Cloudy | Partly Cloudy |
| 74 | 70 | 78 | 75 | NA | NA | 72 | **RH - Mor. (%)** | 70 | 70 | 70 | 70 | 70 |
| 55 | 59 | 50 | 65 | NA | NA | 86 | **RH - Eve. (%)** | 50 | 40 | 50 | 50 | 50 |
| 6 | 6 | 7 | 0 | NA | NA | 6 | **Wind speed (kmph)** | 24 | 26 | 24 | 20 | 20 |
| W | WNW | WNW | 0 | NA | NA | WSW | **Wind direction** | WSW | WSW | W | WSW | SW |

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| **Rainfall (mm) in last week** | **Rainfall (mm) from 01/01/2024 to till dated** |
| **6.7** | **172.8** |

**Weather forecast**

* **Compared to the previous week, the maximum temperature is likely to remain same for next five days**.
* **Very Light rainfall is predicted for Day 2.**
* **The sky condition wills be partly to generally cloudy.**
* Wind speed is expected to be 20-26km per hour and the wind direction will be from west and West-Southwest direction.

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| **Crop** | **Stage** | **Agromet Advisory** |
| Irrigated crops | Rainfall | Light irrigation can be done according to the crop requirement. |
| Rainfed & irrigated crops | Wind speed | When wind speed is above 6.4 km/h, there is a high chance of spray drift. So, farmers are advised to do spray in the early morning to avoid damage to the main crop. |
| Agricultural crops | Harvest | Requested to go for machine harvest to complete at the earliest. |
| Rice fallow pulse | Flowering to pod formation | Spray in the early morning.  Cloudy weather and high wind speed is conducive to the incidence of diseases. Farmers are requested to take preparatory measures accordingly. |
| Cotton (irrigated) | Flowering | Earthing up can be done to prevent the crop from falling over due to strong winds or heavy rain. |
| Banana | Wind | * Farmers are requested to practice propping. * Wind break like Shevri(Sesbania egyptifolia) can be raised along the border of field in East-West direction to avoid damage due to heavy & hot winds. |
| General | Preparatory work | Utilize the shower for summer ploughing to improve the soil's physical condition. |

SMS: Rain: 29.05-2 mm. Pulse and cotton - Avoid spraying, provide drainage facilities to avoid water logging. Banana – propping and practice wind break like Shevri.

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| **Tamil Nadu Weather forecast** | |
| Next five days weather | **Day 1** (28.05.2025): Light to moderate rain at isolated places with thunderstorm & lightning at one or two places is likely to occur over Tamilnadu. Heavy to very heavy rain is likely to occur at isolated places over Ghat areas of Tirunelveli district; Theni and Tenkasi districts.  **Day 2** (29.05.2025): Light to moderate rain at isolated 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 Ghat areas of Tirunelveli district; Tiruppur, Dindigul, Theni, Tenkasi and Kanyakumari districts.  **Day 3** (30.05.2025) and Day 4 (31.05.2025): Light to moderate rain at a few places with thunderstorm & lightning at one or two places is likely to occur over Tamilnadu. Heavy to very heavy rain is likely to occur at isolated places over Ghat areas of Coimbatore and Tirunelveli districts; Nilgiris, Tenkasi and Theni districts.  **Day 5** (01.06.2025): Light to moderate rain at isolated places is likely to occur over Tamilnadu. |

**Professor and Head**

**Agricultural Research Station**

**Kovilpatti**