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 **Thoothukudi District level AAB No.036/2025 Day & Date: Tuesday & 06.05.2025**

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| **Observed weather for the period 29th April to 05st May 2025** | **Weather Parameters / Date** | **Weather forecast****(Valid from 08rd May 2025 to 8:30 hrs. of 011thMay 2025)** |
| **29/04** | **30/04** | **01/05** | **02/05** | **03/05** | **04/05** | **05/05** | **Day 1****07/05** | **Day 2****08/05** | **Day 3****09/05** | **Day 4****10/05** | **Day 5****11/05** |
| 1.4 | 2.2 | 1.4 | 0.0 | 0.7 | 0.0 | 0.0 | **Rainfall (mm)** | 1 | 1 | 0 | 0 | 1 |
| 33 | 34 | 34 | NA | 35 | NA | NA | **Max. Temp. (oC)** | 35 | 34 | 35 | 36 | 36 |
| 27 | 28 | NA | 27 | NA | NA | 25 | **Min. Temp. (oC)** | 27 | 27 | 28 | 28 | 29 |
| Generally cloudy | Generally cloudy | NA | Partly Cloudy | NA | NA | 5 | **Sky condition** | Partly Cloudy | Generally cloudy | Generally cloudy | Generally cloudy | Generally cloudy |
| 71 | 83 | NA | 79 | NA | NA | 76 | **RH - Mor. (%)** | 60 | 50 | 60 | 60 | 60 |
| 80 | 81 | NA | 83 | NA | NA | 75 | **RH - Eve. (%)** | 30 | 30 | 30 | 30 | 30 |
| 3 | 2 | NA | 9 | NA | NA | 1 | **Wind speed (kmph)** | 12 | 14 | 14 | 14 | 18 |
| SSW | WSW | NA | SSW | NA | NA | SSE | **Wind direction** | WSW | SW | SW | WSW | WSW |

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| **Rainfall (mm) in last week** | **Rainfall (mm) from 01/01/2024 to till dated** |
| **5.7** | **160.9** |

**Weather forecast**

* The maximum temperature is likely to remain the same compared to the previous week**.**
* **very light rain for the next two days and day 5 (11.05.2025).**
* **The sky condition will be generally cloudy.**
* Wind speed is expected to be 12-18 km per hour and the wind direction will be from West-Southwest and Southwest direction

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| **Crop** | **Stage** | **Agromet Advisory** |
| Irrigated crops  | Water management | Irrigate the crops |
| Rainfed & irrigated crops | Rainfall & cloudy  | Due to increased temperature and moderate relative humidity, pest and diseased incidence noticed . hence are requested to go for prophylactic measures |
| Rice fallow pulse | Vegetative | Warm humid weather with Relative humidity of 80 – 88 % and rain splash induce powdery mildew. To control, remove and destroy infected debris and spray NSKE @ 5% or neem oil @ 3% twice at 10 days interval spray (or) Wettable sulphur 80 WP @ 1500g/ha. |
| Groundnut | Pod development stage | This stage is very critical; therefore, do not allow the crop to undergo stress. If rainfall has not yet been received, provide irrigation. |
| Cotton (irrigated) | Vegetative  | * Light rainfall can be utilized for fertilizer application.
* Farmers are requested to perform earthing-up intercultural operation.
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| Coconut  | All stages  | The chance of light rainfall is not sufficient to reduce Rugose Spiraling Whitefly incidence. Hence, it is advised to spray a solution of 25 g of maida in one litre of water to enhance the population of *Encarsia* parasitoids. Also, install yellow sticky traps. Avoid chemical sprays to help control the infestation naturally. |
| Banana | All stages | Irrigation channel may be strengthened to avoid lodging |
| General | Preparatory work | Utilize the shower for summer ploughing to improve the soil's physical condition. |
| Livestock | Cow  | Summer Management: 1. Grazing on peak hours should be avoided. Instead of that, the animals can be allowed for grazing during 6-10AM and 4-6 PM. 2. Wet gunny bags can be spread over the roof of the shed, water sprinklers with fans may be provided inside the shed 3. Animals should be washed 2 times in a day viz. morning and evening. 4. 30g of mineral mixture should be supplemented during summer. |
| Sheep and Goats | Summer Management: 1. Grazing on peak hours should be avoided. Instead of that, the animals can be allowed for grazing during 6-10AM and 4-6 PM. 2. Animal’s shed should be well ventilated. Overcrowding should be avoided. 3. Sufficient quantity of cool, fresh drinking water should be available throughout the day. 4. Feeding of animals should be done during cool hours. 5. Dried paddy straw can be spread over the roof and periodical sprinkling of water will reduce the heat inside the animal shed. |

SMS: Rain:7,8,11.05-1,1&1mm.Groundnut- pod development- provide irrigation. Pulse- powdery mildew- remove and destroy infected debris and spray Wettable sulphur 80 WP @ 1500g/ha.

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| **Tamil Nadu Weather forecast** |
| Next five days weather  | * **Day 1** (07.05.2025): Light to moderate rain at isolated 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** (08.05.2025): 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 3** (09.05.2025) to Day 5 (11.05.2025): Light to moderate rain is likely to occur at isolated places over Tamilnadu.
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| THUNDERSTORM WARNING | Day 1 (07.05.2025) and Day 2 (08.05.2025): Thunderstorm & lightning with gusty winds speed reaching 03-40 kmph is likely to occur at one or two places over Tamilnadu. |
| TEMPERATURE FORECAST | **Tendency:**Maximum temperature is likely to rise gradually 2-3°C during Day 1 (07.05.2025) and Day 2 (08.05.2025) and no large change during Day 3 (09.05.2025) to Day 5 (11.05.2025)Over Tamilnadu. |

**Professor and Head**

**Agricultural Research Station**

 **Kovilpatti**