|  |  |  |
| --- | --- | --- |
| / | **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.070/2025 Day& Date: Tuesday &02.09.2025**

|  |  |  |
| --- | --- | --- |
| **Observed weather for the period 26th August to 01st September 2025** | **Weather****Parameters /****Date** | **Weather forecast****(Valid from 03rd September 2025 to 8:30 hrs. of 07th September 2025)** |
| **26/08** | **27/08** | **28/08** | **29/08** | **30/08** | **31/08** | **01/09** | **Day 1****03/09** | **Day 2****04/09** | **Day 3****05/09** | **Day 4****06/09** | **Day 5****07/09** |
| 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | **Rainfall (mm)** | 3 | 0 | 0 | 0 | 0 |
| 35 | 37 | NA | 37 | NA | NA | NA | **Max. Temp. (oC)** | 37 | 37 | 37 | 38 | 38 |
| 25 | NA | 25 | 27 | NA | NA | 25 | **Min. Temp. (oC)** | 26 | 26 | 26 | 27 | 27 |
| Partly cloudy | NA | Partly cloudy | Partly cloudy | NA | NA | Partly cloudy | **Sky condition** | Partly cloudy | Partly cloudy | Partly cloudy | Generally Cloudy | Generally Cloudy |
| 73 | NA | 80 | 68 | NA | NA | 62 | **RH - Mor. (%)** | 72 | 72 | 72 | 68 | 68 |
| 60 | NA | 63 | 70 | NA | NA | 67 | **RH - Eve. (%)** | 68 | 68 | 68 | 65 | 65 |
| 7 | NA | 5 | 9 | NA | NA | 9 | **Wind speed** | 22 | 22 | 22 | 22 | 20 |
| WSW | NA | WSw | W | NA | NA | W | **Wind direction** | W | W | W | W | W |

|  |  |
| --- | --- |
| **Rainfall (mm) in last week** | **Rainfall (mm) from 01/01/2024 to till dated** |
| **0.1** | **182.6** |

**Weather forecast**

* **Maximum temperature is likely to increase up to 1oC from previous week.**
* Light rain is predicted for the next day on 03.09.2025.
* **Sky condition will be partly to generally cloudy.**
* Wind speed is expected to be 20-22 km per hour and the wind direction will be from West direction.

|  |  |  |
| --- | --- | --- |
| **Crop** | **Stage** | **Agromet Advisory** |
| Irrigated crops  | Water management | Irrigation may be practiced as per the schedule. |
| Rainfed & irrigated crops | Wind speed | Spraying is recommended during early morning.  |
| Paddy | Tillering stage | * As the crop is at a critical stage, farmers are advised to provide adequate irrigation and fertilizer application without affecting tiller production
* Prevailed weather is conducive for Leaf folder. So farmers areadvised to spray Azadirachtin 0.03% 1000ml/ha. (or) Chlorontriniprole 18.5%SC @ 150g/ha. (or) Thiamethoxam 25%WG @ 100g/ha.
 |
|  |
| Banana | Wind speed | Being a shallow rooted crop requires proper propping with bamboo or casurina poles to avoid lodging during windy seasons. The supporting poles should be tied against the peduncle of developing bunches, so that it protects the plant from lodging during windy seasons and bears whole weight of developing bunch. |
| Rainfed  | Land preparation | Land preparation should be completed at the earliest to enable sowing at the appropriate time. |
| Sowing preparation | Farmers are advised to keep inputs like seeds, fertilizers ready and be prepared to initiate rainfed sowing operations as per the recommended schedule, particularly for short-duration and rainfed crops |

SMS: Rain: 03.09-3 mm. Paddy - Irrigation and fertilizer is advisable. Banana- earthing up and Nutrient supply with adequate water. Rainfed- Land preparation should be completed at the earliest.

|  |
| --- |
| **Tamil Nadu Weather forecast** |
| Next five days weather  | * Day 1 (03.09.2025) & Day 2 (04.09.2025): Light to moderate rain at a few places over North Tamilnadu and at isolated places over South Tamilnadu, over Puducherry & Karaikal area with thunderstorm & lightning with gusty winds speed reaching 30-40 kmph at one or two places is likely to occur.
* Day 3 (05.09.2025) to Day 5 (07.09.2025): Light to moderate rain is likely to occur at isolated places over Tamilnadu.
 |
| Wind warning | Day 1 (03.09.2025) & Day 2 (04.09.2025): Strong surface wind with speed reaching 40-50 kmph is likely to occur at isolated places over Tamilnadu. |
| Thunderstorm warning | Day 1 (03.09.2025) & Day 2 (04.09.2025): Thunderstorm & lightning is likely to occur at one or two places over Tamilnadu. |
| Temperature forecast | Generally, no large change in maximum temperature with slight increasing tendency during during Day 1 (03.09.2025) to Day 5 (07.09.2025) over Tamilnadu. |

 **Professor and Head**

**Agricultural Research Station,**

**Kovilpatti**