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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 |  |

**Virudhunagar 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 | 2.9 | 4.2 | 18.1 | **Rainfall (mm)** | 1 | 0 | 1 | 2 | 0 |
| 37 | 39 | 39 | 41 | 40 | 39 | 38 | **Max. Temp. (oC)** | 37 | 36 | 35 | 34 | 34 |
| 26 | 25 | 27 | 27 | 27 | 25 | 25 | **Min. Temp. (oC)** | 27 | 26 | 25 | 24 | 24 |
| partly cloudy | Generally cloudy | partly cloudy | Generally cloudy | Generally cloudy | Generally cloudy | Generally cloudy | **Sky condition** | Mainly cloudy | Mainly cloudy | Mainly cloudy | Mainly cloudy | Mainly cloudy |
| 59 | 54 | 49 | 55 | 75 | 64 | 74 | **RH - Mor. (%)** | 80 | 80 | 70 | 70 | 70 |
| 41 | 34 | 32 | 49 | 80 | 84 | 54 | **RH - Eve. (%)** | 70 | 70 | 50 | 40 | 40 |
| 9 | 9 | 17 | 8 | 15 | 11 | 8 | **Wind speed (kmph)** | 10 | 10 | 8 | 10 | 14 |
| WNW | W | WNW | N | SSE | ENE | S | **Wind direction** | SSW | WSW | WSW | W | W |

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| **Rainfall (mm) in last week** | **Rainfall (mm) from 01/01/2025 to till dated** |
| **25.2** | **319.2** |

**Weather forecast**

* **Maximum temperature is likely to decrease up to 4oC from previous week.**
* Very light rain is predicted on day 1 (10.09.2025), day 3 (12.09.2025) and day 4 (13.09.2025).
* **Sky condition will be mainly cloudy.**
* Wind speed is expected to be 8-14 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; irrigation may be scheduled based on crop requirements and local weather conditions. |
| All crops | Wind speed | Spraying can be done. |
| Black gram | Flowering stage | * Anticipated light rainfall may be utilized for fertilizer application
* Apply TNAU Pulse wonder @ 5 kg/ha as foliar spray during peak flowering stage to avoid flower drop.
* Spray should be given during early morning or late evening using Knapsack sprayer with 500 litres of water for one hectare.
 |
| Vegetative stage | Farmers are advised to utilize the anticipated rainfall for mechanical weeding. |
| Cotton | Vegetative stage | * Fertilizer application is recommended.
* If pre-emergence herbicide is not applied, hand weeding should be carried out to keep the field weed-free up to 60 DAS
 |
| Rainfed  | Sowing preparation | Farmers are advised to keep inputs like seeds, fertilizers ready to initiate rainfed sowing.  |

SMS: Rain: 10,12&13.09-1,1&2 mm. Irrigation and spraying can be done. Black gram, cotton- mechanical weeding. Rain fed –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**

control the pest, spray 5% Neem oil or 5% Neem Seed