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|  | **Gramin Krishi Mausam Sewa (GKMS)**  **Agromet Field Unit (AMFU)**  Agricultural Research Station, TNAU, Kovilpatti - 628 501  Email: [agmet\_arskpt@yahoo.co.in](mailto:agmet_arskpt@yahoo.co.in), [amfukovilpatti@gmail.com](mailto:amfukovilpatti@gmail.com) |  |

**Tirunelveli District level AAB No.073/2024 Day & Date: Tuesday &** **10.09.2024**

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| **Observed weather for the period 03 September to 09th September 2024** | | | | | | | **Weather Parameters /**  **Date** | **Weather forecast**  **(Valid from 11th September 2024 to 8:30 hrs of 15th September 2024)** | | | | |
| **03/09** | **04/09** | **05/09** | **06/09** | **07/09** | **08/09** | **09/09** | **Day 1**  **11/09** | **Day 2**  **12/09** | **Day 3**  **13/09** | **Day 4**  **14/09** | **Day 5**  **15/09** |
| 1.6 | 0.5 | 0.0 | 0.0 | 0.3 | 0.0 | 1.9 | **Rainfall (mm)** | 1 | 0 | 0 | 0 | 0 |
| 37 | 34 | 36 | 37 | 37 | 38 | 36 | **Max. Temp. (oC)** | 35 | 35 | 36 | 36 | 36 |
| 27 | 27 | 27 | 27 | 28 | 28 | 27 | **Min. Temp. (oC)** | 27 | 27 | 26 | 27 | 27 |
| Generally cloudy | Partly cloudy | Partly cloudy | Generally cloudy | Generally cloudy | Partly cloudy | Partly cloudy | **Cloud cover (Octa)** | Partly cloudy | Generally cloudy | Generally cloudy | Generally cloudy | Generally cloudy |
| 69 | 67 | 69 | 63 | 65 | 72 | 70 | **Relative humidity - Mor. (%)** | 80 | 80 | 80 | 80 | 80 |
| 66 | 57 | 54 | 55 | 49 | 61 | 58 | **Relative humidity - Eve. (%)** | 50 | 40 | 40 | 40 | 40 |
| 1 | 4 | 4 | 4 | 4 | 5 | 4 | **Wind speed (kmph)** | 18 | 16 | 18 | 18 | 18 |
| NNW | NNW | NNW | NW | NW | SW | NW | **Wind direction (dd)** | WSW | W | W | W | W |

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| **Rainfall (mm) in last week** | **Rainfall (mm) from 01/01/2024 to till dated** |
| **4.3** | **705.9** |

**Weather forecast**

* The maximum temperature may decrease up to 1°C compared to the previous week.
* Very light rainfall is predicted on day 1 (11.09.2024).
* Sky condition will be generally cloudy.
* Wind speed is expected to be 16-18 km per hour and the wind direction will be from West and west-southwest direction.

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| **Crop** | **Stage** | **Agromet Advisory** |
| Irrigated crops | Water management | Farmers are requested to irrigate the crop. |
| Rainfed crops | Land preparation - Trench formation | During land preparation in dryland, farmers are requested to create trench in mid of the field to avoid water stagnation in future. |
| Paddy | Vegetative to Milking stage | * Irrigate the field and fertilizer. * Moderate relative humidity and wind speed were predicted; hence farmers are request to access the disease appearance and go for fungicide application. |
| Cotton | Sowing | * Keep ready with seeds and fertilizer for sowing, * Seed treatment to be practiced to avoid stem weevil incidence.   Adopt synchronized sowing and bund crop or intercrop to encourage the activities of natural enemies. |
| Green manure crop |  | Sun hemp can be raised and used as livestock feed. It can also be raised inside the tree basin to maintain the moisture and enrich the soil nutrient. |
| Banana | Bunch  development  stage | • Prevailing wind speed may damage the physical appearance of the crop. Hence, farmers are advised to do propping.   * Earthing up may be practiced to avoid lodging. * Use transparent polyethylene sleeves with 4% ventilation to cover the bunch immediately after opening of last hand to blemish free fruits with uniform size and quality. |

SMS: Rain: 11.09-1 mm. Paddy - Irrigate the crop and apply fertilizer. chance for diseases so apply fungicide. Banana- wind cause physical damage, propping to be practiced.

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| Tamil Nadu | | |
| Light to Moderate Westerlies/Southwesterlies prevail over the region in the lower tropospheric levels. | | |
| Weather forecast | Next five days | * Day 1 (11.09.2024) and Day 2 (12.09.2024):Light to moderate rain with thunderstorm and lightning is likely to occur at isolated places over Tamil Nadu. * Day 3 (13.09.2024) to Day 5 (15.09.2024):Light to moderate rain is likely to occur at isolated places over Tamil Nadu. |

**Professor and Head**

**Agricultural Research Station**

**Kovilpatti**