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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. 067/2024 Day & Date: Tuesday &** **20.08.2024**

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| **Observed weather for the period 13th August to 19th August 2024** | | | | | | | **Weather Parameters /**  **Date** | **Weather forecast**  **(Valid from 21st August 2024 to 8:30 hrs of 25th August 2024)** | | | | |
| **13/07** | **14/07** | **15/08** | **16/08** | **17/07** | **18/07** | **19/08** | **Day 1**  **21/08** | **Day 2**  **22/08** | **Day 3**  **23/08** | **Day 4**  **24/08** | **Day 5**  **25/08** |
|  |  |  | 0.5 | 1.9 | 0.6 | 0.2 | **Rainfall (mm)** | 22 | 9 | 2 | 3 | 2 |
|  |  |  | 35 | 35 | 35 | 35 | **Max. Temp. (oC)** | 36 | 35 | 35 | 34 | 34 |
|  |  |  | 27 | 27 | 27 | 28 | **Min. Temp. (oC)** | 27 | 26 | 26 | 25 | 25 |
|  |  |  | Partly cloudy | Partly cloudy | Partly cloudy | Partly cloudy | **Cloud cover (Octa)** | Mainly cloudy | Generally cloudy | Mainly cloudy | Generally cloudy | Generally cloudy |
|  |  |  | 76 | 73 | 70 | 73 | **Relative humidity - Mor. (%)** | 80 | 80 | 80 | 80 | 80 |
|  |  |  | 61 | 58 | 55 | 54 | **Relative humidity - Eve. (%)** | 60 | 50 | 50 | 50 | 50 |
|  |  |  | 0 | 1 | 0 | 0 | **Wind speed (kmph)** | 16 | 14 | 14 | 16 | 16 |
|  |  |  | N | NNW | N | N | **Wind direction (dd)** | W | W | WSW | W | W |

|  |  |
| --- | --- |
| **Rainfall (mm) in last week** | **Rainfall (mm) from 01/01/2024 to till dated** |
| **3.2** | **682.3** |

**Weather forecast**

* The maximum temperature may increase up to 1°C compared to the previous week
* Very light to moderate rainfall is predicted for next five days.
* Sky condition will be generally to mainly cloudy sky.
* Wind speed is expected to be 14-16 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 | Very light to moderate rainfall is predicted for next five days, hence farmers are requested to postponed the irrigation for next five days. |
| Plant  protection | Rainfall | Avoid spraying. |
| Paddy | Vegetative to Milking stage | Proper drainage facilities to be maintain to avoid lodging. |
| Vegetables | Rainfall | Harvest the products as earlier to avoid the rainfall damage |
| Green manure crop |  | * **Livestock -** Sun hemp can be used livestock feed. * **Horticultural crops -** It can be raised inside the basin to maintain the moisture and improve the soil nutrient. |
| Banana | Bunch  development  stage | • Prevailing wind speed and rainfall may damage the crop. Farmers are advised to do propping.   * Proper drainage and 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: 21-25.08-22,9,2,3&2 mm. Paddy - Avoid irrigation and provide drainage facilities to avoid lodging.

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| Tamil Nadu | | |
| Weather forecast | Next five days | * Light to moderate rain at many places with thunderstorm and lightning at isolated places is likely to occur over Tamilnadu. Heavy rain is likely to occur at isolated places over Tirunelveli, Tenkasi, on Day 1 (21.08.2024). * Light to moderate rain at a few places with thunderstorm and lightning at isolated places is likely to occur over Tamilnadu on Day 2 (22.08.2024). * Light to moderate rain is likely to occur at one or two places over Tamilnadu from Day 3 (23.08.2024) to Day 5 (25.08.2024). |

**Professor and Head**

**Agricultural Research Station**

**Kovilpatti**