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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) |  |

**Virudhunagar 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** |
|  |  |  | 4.1 | 1.9 | 0.6 | 1.2 | **Rainfall (mm)** | 5 | 6 | 0 | 0 | 0 |
|  |  |  | 35 | 35 | 36 | 36 | **Max. Temp. (oC)** | 35 | 34 | 34 | 33 | 33 |
|  |  |  | 26 | 27 | 25 | 27 | **Min. Temp. (oC)** | 25 | 24 | 23 | 23 | 23 |
|  |  |  | Generally cloudy | Generally cloudy | Partly cloudy | Mainly cloudy | **Cloud cover (Octa)** | Mainly cloudy | Mainly cloudy | Mainly cloudy | Generally cloudy | Generally cloudy |
|  |  |  | 85 | 82 | 68 | 89 | **Relative humidity - Mor. (%)** | 80 | 80 | 70 | 70 | 70 |
|  |  |  | 64 | 79 | 62 | 89 | **Relative humidity - Eve. (%)** | 60 | 40 | 40 | 50 | 40 |
|  |  |  | 9 | 5 | 4 | 7 | **Wind speed (kmph)** | 18 | 20 | 16 | 20 | 20 |
|  |  |  | S | E | S | NNW | **Wind direction (dd)** | WSW | WSW | WSW | WSW | W |

|  |  |
| --- | --- |
| **Rainfall (mm) in last week** | **Rainfall (mm) from 01/01/2024 to till dated** |
| **86.6** | **361.3** |

**Weather forecast**

* The maximum temperature may decrease up to 1°C compared to the previous week.
* Light rainfall is predicted for next two days
* Sky condition will be generally to mainly cloudy sky.
* Wind speed is expected to be 16-20 km per hour and the wind direction will be in West-Southwest and West direction.

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| **Crop** | **Stage** | **Agromet Advisory** |
| Irrigated crops | Water management | * Light rainfall is predicted for next two days. Hence farmers are requested to postpone the irrigation. |
| Cotton | Sowing | * Adopt synchronized sowing. Grow castor, cowpea, maize as bund crop or intercrop to encourage the activities of natural enemies. Basal application of 250 kg/ha of neem cake. * Create trench/ drainage facilities to avoid water logging. |
| Pearl millet and  sorghum | Rainfall | Farmers are requested to practice seed hardening before sowing. For Pearl millet & Sorghum: 2% potassium chloride (Dissolve 20 gm of salt in 1000 ml of water). Soak 1 kg of seed in 650 ml of this solution for 10 hours and dry back to original moisture. |
| Paddy | Vegetative stage | Avoid irrigation and fertilizer. |
| 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. |

Rain: 21&22.08-5&6 mm. Cotton - Adopt synchronized sowing. Grow castor, cowpea, maize as bund crop or intercrop. Create trench/ drainage facilities to avoid water logging.

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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**

orer. To

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