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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 |  |

 **Thoothukudi District level AAB No. 071/2024 Day & Date: Tuesday &** **03.09.2024**

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| **Observed weather for the period 27th August to 02nd September 2024**  | **Weather Parameters / Date** | **Weather forecast****(Valid from 4th September 2024 to 8:30 hrs of 8th September 2024)**  |
| **27/08** | **28/08** | **29/08** | **30/08** | **31/08** | **01/09** | **02/09** | **Day 1****04/09** | **Day 2****05/09** | **Day 3****06/09** | **Day 4****07/09** | **Day 5****08/09** |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | **Rainfall (mm)** | 0 | 0 | 0 | 0 | 0 |
| 37 | 37 | 36 | 37 | 36 | 38 | 37 | **Max. Temp. (oC)** | 38 | 38 | 39 | 38 | 39 |
| 26 | 27 | 27 | 27 | 27 | 28 | 29 | **Min. Temp. (oC)** | 27 | 28 | 28 | 28 | 28 |
| Partly Cloudy | Generally Cloudy | Partly Cloudy | Generally Cloudy | Partly Cloudy | Generally Cloudy | Generally Cloudy | **Cloud cover (Octa)** | Mainly Cloudy | Partly Cloudy | Generally Cloudy | Generally Cloudy | Generally Cloudy |
| 77 | 76 | 74 | 78 | 74 | 62 | 61 | **Relative humidity - Mor. (%)** | 70 | 60 | 60 | 60 | 60 |
| 54 | 54 | 56 | 67 | 59 | 58 | 50 | **Relative humidity - Eve. (%)** | 30 | 30 | 30 | 30 | 30 |
| 4 | 4 | 4 | 3 | 4 | 4 | 9 | **Wind speed (kmph)** | 4 | 26 | 26 | 24 | 26 |
| W | W | WNW | WNW | W | WNW | WNW | **Wind direction (dd)** | W | W | W | W | W |

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| **Rainfall (mm) in last week** | **Rainfall (mm) from 01/01/2024 to till dated** |
| **0.0** | **119.4** |

**Weather forecast**

* The maximum temperature may increase up to 2°C compared to the previous week.
* No rainfall is predicted for next five days.
* Sky condition will be partly to mainly cloudy sky.
* Wind speed is expected to be 4-26 km per hour and the wind direction will be from West direction.

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| **Crop** | **Stage** | **Agromet Advisory** |
| Irrigated crops  | Water management | No rainfall is predicted for next five days. Farmers are advised to irrigate the crop. |
| Rainfed  | Land preparation | 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 | Provide drainage facilities and advised to fertilizer spraying.  |
| Green manure crop |  | * **Paddy -** Raise green manure crop by using unexpected rainfall. Green manures like daincha and sunnhemp may be sown adopting a seed rate of 20 kg/ ha. The green manure can be incorporated at 50% flowering stage (45- 50 days) using rotovator.
* **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.
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| Banana | Bunchdevelopmentstage | * 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.
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SMS: Rain: Nil. Irrigate the crop. Requested to create trench in mid of the field. Seed treatment and seed hardening, synchronized sowing and bund crop be practice to avoid crop loss.

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| Tamil Nadu |
| A cyclonic circulation lies over Coastal Andhra Pradesh & Yanam & neighbourhood between 3.1km & 5.8 km above mean sea level. A fresh low-pressure area is likely to form over west central and adjoining northwest Bay of Bengal around 5th September, 2024. |
| Weather forecast  | Next five days | * Light to moderate rain with thunderstorm and lightning is likely to occur at isolated places over Tamilnadu, Puducherry and Karaikal area on Day 1 (04.09.2024) and Day 2 (05.09.2024).
* Light to moderate rain is likely to occur at isolated places over Tamilnadu, Puducherry and Karaikal area from Day 3 (06.09.2024) to Day 5 (08.09.2024).
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**Professor and Head**

**Agricultural Research Station**

 **Kovilpatti**