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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.** **083/2024 Day & Date: Tuesday &** **15.10.2024**

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| **Observed weather for the period 08th October to 14th October 2024** | **Weather Parameters /****Date** | **Weather forecast****(Valid from 16th October 2024 to 8:30 hrs of 20th October 2024)** |
| **08/10** | **09/10** | **10/10** | **11/10** | **12/10** | **13/10** | **14/10** | **Day 1****16/10** | **Day 2****17/10** | **Day 3****18/10** | **Day 4****19/10** | **Day 5****20/10** |
| 2.7 | 7.0 | 3.2 | 4.3 | 16.5 | 40.1 | 10.6 | **Rainfall (mm)** | 18 | 10 | 2 | 2 | 6 |
| 34 | 36 | 33 | 35 | 33 | 35 | 31 | **Max. Temp. (oC)** | 29 | 27 | 26 | 26 | 25 |
| 25 | 25 | 25 | 25 | 24 | 22 | 24 | **Min. Temp. (oC)** | 23 | 22 | 21 | 21 | 20 |
| Generally cloudy | Generally cloudy | Generally cloudy | Mainly cloudy | Mainly cloudy | Generally cloudy | Mainly cloudy | **Cloud cover (Octa)** | Mainly cloudy | Mainly cloudy | Mainly cloudy | Mainly cloudy | Mainly cloudy |
| 82 | 84 | 76 | 84 | 90 | 91 | 92 | **Relative humidity - Mor. (%)** | 90 | 80 | 80 | 80 | 80 |
| 64 | 69 | 78 | 82 | 83 | 65 | 81 | **Relative humidity - Eve. (%)** | 70 | 50 | 50 | 60 | 60 |
| 6 | 6 | 4 | 9 | 10 | 6 | 6 | **Wind speed (kmph)** | 6 | 10 | 10 | 8 | 8 |
| NW | S | W | E | ENE | ENE | WSW | **Wind direction (dd)** | NNW | W | WSW | S | S |

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| **Rainfall (mm) in last week** | **Rainfall (mm) from 01/01/2024 to till dated** |
| **84.4** | **523.3** |

**Weather forecast**

* The maximum temperature may decrease up to 7°C compared to the previous week.
* Very light to moderate rainfall is predicted for next five days.
* Sky condition will be mainly cloudy sky.
* Wind speed is expected to be 6-10 km per hour and the wind direction will be in North-Northwest, West, West-Southwest and South direction.

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| **Crop** | **Stage** | **Agromet Advisory** |
| Irrigated crops  | Water management | Very light to moderate rainfall is predicted for next five days. Farmers are requested to postpone the irrigation.  |
| All rainfed crops | Rainfall | Continuous rainfall may damage crops; hence, farmers are advised to ensure proper drainage facilities to prevent water stagnation in the fields. |
| Pulses (previously sown crops) | Flowering stage | Farmers are requested to ensure proper drainage facilities |
| Paddy | Nursery  | Postpone irrigation and strengthen the field to prevent flooding. |
| Live stock  | Shelter  | * Ensure the stability of animal shed structures and avoid stagnation of water around the shed. Provide adequate drinking water as the humidity is very high.
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| Anthrax Livestock Disease Forecast of October month | Very High Risk- Ring vaccination and report of disease is advised. Vaccination to be done in consultation with the veterinarians and as decided by state animal husbandry authorities. Strict biosecurity measures may be followed. Carcass May be disposed by deep burying covered with lime powder. Contaminated area May be disinfected with 4% formalin or 10% caustic soda. Grazing area May be restricted. |

Rain: 16-20.10-18,10,2,2&6 mm. Paddy – Strengthen the field bunds. Rainfed crops - ensure proper drainage facilities.

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| Tamil Nadu |
| Yesterday’s low pressure area over southeast Bay of Bengal concentrated into a well marked low pressure area over the central part of south Bay of Bengal at 0530 IST of today, the 15th October, 2024 and persisted over the same region at 0830 IST of today. It is likely to move west-north west wards and intensify into a depression over southwest Bay of Bengal during next 24 hours. It is likely to continue to move west-north west wards towards north Tamil Nadu, Puducherry and adjoining south Andhra Pradesh coasts during subsequent 24 hours. |
| Weather forecast  | Next five days | * Day 1 (16.10.2024): Light to moderate rain at most places with Thunderstorm and lightning at one or two places is likely to occur over Tamilnadu.
* Day 2 (17.10.2024): Light to moderate rain at many places (at many places over North Tamilnadu and at a few places over South Tamilnadu) with Thunderstorm and lightning at one or two places is likely to occur over Tamilnadu.
* Day 3 (18.10.2024): Light to moderate rain at a few places (at many places over North Tamilnadu and at one or two places over South Tamilnadu) with Thunderstorm and lightning at one or two places is likely to occur over Tamilnadu.
* Day 4 (19.10.2024): Light to moderate rain at a few places with Thunderstorm and lightning at one or two places is likely to occur over Tamilnadu.
* Day 5 (20.10.2024): Light to moderate rain with Thunderstorm and lightning is likely to occur at one or two places over Tamilnadu.
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**Professor and Head**

**Agricultural Research Station**

 **Kovilpatti**

orer. To

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