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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. 097/2024 Day & Date: Tuesday &** **03.12.2024**

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| **Observed weather for the period 26th November to 02nd December 2024**  | **Weather** **Parameters /****Date** | **Weather forecast****(Valid from 04th December 2024 to 8:30 hrs of 08th December 2024)** |
| **26/11** | **27/11** | **28/11** | **29/11** | **30/11** | **01/12** | **02/12** | **Day 1****04/12** | **Day 2****05/12** | **Day 3****06/12** | **Day 4****07/12** | **Day 5****08/12** |
| 0.0 | 6.5 | 0.8 | 0.0 | 0.0 | 0.0 | 6.7 | **Rainfall (mm)** | 12 | 8 | 14 | 2 | 8 |
| 29 | 28 | 26 | 30 | 27 | 32 | 31 | **Max. Temp. (oC)** | 31 | 31 | 32 | 32 | 32 |
| 24 | 23 | 23 | 23 | 24 | 25 | 24 | **Min. Temp. (oC)** | 22 | 22 | 23 | 23 | 23 |
| Mainly cloudy | Mainly cloudy | Mainly cloudy | Mainly cloudy | Mainly cloudy | Mainly cloudy | Mainly cloudy | **Cloud cover (Octa)** | Mainly cloudy | Mainly cloudy | generally cloudy | generally cloudy | generally cloudy |
| 83 | 91 | 83 | 69 | 89 | 87 | 86 | **Relative humidity - Mor. (%)** | 86 | 86 | 80 | 80 | 80 |
| 91 | 91 | 66 | 72 | 69 | 84 | 64 | **Relative humidity - Eve. (%)** | 64 | 64 | 60 | 60 | 60 |
| 6 | 7 | 7 | 5 | 3 | 3 | 3 | **Wind speed (kmph)** | 10 | 6 | 8 | 8 | 10 |
| NNW | NNW | WNW | NNE | E | E | S | **Wind direction (dd)** | ESE | E | ENE | E | ENE |

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| **Rainfall (mm) in last week** | **Rainfall (mm) from 01/01/2024 to till dated** |
| **7.6** | **656.0** |

**Weather forecast**

● The maximum temperature is expected to be same compared to previous week

● Very light to light rain is predicted for next five days.

* Sky condition will be generally to mainly cloudy.
* Wind speed is expected to be 6-10 km per hour and the wind direction will be in East-Southeast, East and East-Northeast direction.

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| **Crop** | **Stage** | **Agromet Advisory** |
| Irrigated crops  | Water management | Farmers are advised to irrigate based on the crop requirement and local weather.  |
| Rainfed & irrigated crops | Rainfall | * Spraying may be practiced based on the local weather.
* If rainfall doesn’t persist in the location, cloudy weather may result in fungal infections. Hence, preparatory measures may be taken to avoid crop damage.
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| Rainfed crops | Rainfall | To prevent crop damage from continuous rainfall, farmers are advised to ensure proper drainage systems to avoid water stagnation in the fields. |
| Rainfed crops | Rainfall | Continuous rainfall may affect nutrient availability, causing crops to appear yellow. Farmers are advised to apply nutrients through foliar application, considering the local weather conditions. |
| Maize | Cob formation stage | * Continuous rainfall and wind may affect the crop stand; hence farmers are requested to practice earth up and form new ridges to provide additional anchorage to the plants.
* If Fall army worm incidence noticed with the prevailed weather. To control spray any one of the following insecticides / biopesticide (use manually operated or battery-operated high- volume knapsack sprayer only with a spray volume of 500 lit./ha.) Emamectin Benzoate 5 SG @4grams for 10 litre of water. Or Spinetoram 11.7 SC @5 ml/10 lit.
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| Pulses  | Pod maturity to harvest stage | Harvest the produce and store it safely to prevent germination. Ensure the produce is spread out to avoid fungal growth.  |
| Cotton  | Boll bursting stage | Crop residue mulching may be done to reduce the soil erosion. |
| Paddy | Vegetative stage | * Maintain an appropriate water level to prevent crop damage.
* Warm, moist weather, short day length, low temperature favours stem borer. To control spray Azadirachtin 0.03% 1000 ml/ha (or) Chlorantraniliprole 18.5% SC 150 ml.
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| Chilli  | Vegetative | Avoid spraying and provide drainage facilities to avoid damping off infection. Soil drenching with copper oxychloride 2.5g/litre |
| Onion  |  | Continuous rain or high-intensity rainfall leads to waterlogged conditions, which can result in soft rot and basal rot. To manage this, practice soil trenching and apply Copper hydroxide at a rate of 2.5 g per liter of water. |
| 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. |
| Human | Rainfall | The public is requested to carry umbrellas or raincoats and take preventive measures against the cold. |

Rain: 04-08.12-12,8,14,2&8 mm. Ensure proper drainage to avoid water stagnation in the fields. Maize- wind& rainfall – practice earthing up to avoid lodging.

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| **Tamil Nadu** |
| Weather forecast  | Next five days | * Day 1 (04.12.2024) : Light to moderate rain at a few places with thunderstorm and lightning at one or two places is likely to occur over Tamilnadu.
* Day 2 (05.12.2024) : Light to moderate rain is likely to occur at a few places over Tamilnadu.
* Day 3 (06.12.2024) to Day 5 (08.12.2024) : Light to moderate rain 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