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**Thirunelveli 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 | 14.1 | 1.1 | 0.5 | 0.4 | 0.0 | 1.4 | **Rainfall (mm)** | 5 | 5 | 10 | 5 | 5 |
| 30 | 28 | 26 | 29 | 30 | 31 | 29 | **Max. Temp. (oC)** | 32 | 32 | 33 | 33 | 33 |
| 25 | 23 | 24 | 25 | 25 | 25 | 25 | **Min. Temp. (oC)** | 25 | 25 | 26 | 26 | 26 |
| Mainly cloudy | Mainly cloudy | Generally cloudy | Mainly cloudy | Generally cloudy | Generally cloudy | Partly cloudy | **Cloud cover (Octa)** | Generally cloudy | Generally cloudy | Partly cloudy | Partly cloudy | Partly cloudy |
| 86 | 87 | 88 | 87 | 87 | 80 | 86 | **Relative humidity - Mor. (%)** | 81 | 81 | 76 | 76 | 76 |
| 83 | 84 | 86 | 72 | 74 | 79 | 63 | **Relative humidity - Eve. (%)** | 63 | 63 | 58 | 58 | 58 |
| 0 | 0 | 0 | 0 | 0 | 0 | 1 | **Wind speed (kmph)** | 8 | 8 | 6 | 6 | 8 |
| N | N | N | N | N | N | NNW | **Wind direction (dd)** | SSE | E | ESE | ESE | ESE |

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| **Rainfall (mm) in last week** | **Rainfall (mm) from 01/01/2024 to till dated** |
| **17.5** | **1172.3** |

**Weather forecast**

* The maximum temperature is expected to increase 2oC compared to the previous week.
* Light rain is expected for the next five days.
* Sky condition will be partly to generally cloudy.
* Wind speed is expected to be 6-8 km per hour and the wind direction will be from South-Southeast, East and East-Southeast direction.

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| **Crop** | **Stage** | **Agromet Advisory** |
| Irrigated crops  | Water management | Chance for rainfall in next five day. Hence, Farmers are advised to irrigate based on the crop requirement.  |
| 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 & 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 | 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. |
| Paddy  | Transplantation | Maintain the water level to avoid crop damage.  |
| Sugarcane  | All the stages | High wind speed may damage the crop; hence farmers are requested to provide support to bunch (propping). |
| 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. |

SMS: Rain: 04-08.12-5,5,10,5&5 mm. Ensure proper drainage. Sugarcane- practice propping.

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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**