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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. 006/2025 Day & Date: Tuesday & 21.01.2025**

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| **Observed weather for the period 14th January to 20th January 2025** | **Weather** **Parameters /****Date** | **Weather forecast****(Valid from 22nd January 2025 to 8:30 hrs of 26th January 2025** |
| **14/01** | **15/01** | **16/01** | **17/01** | **18/01** | **19/01** | **20/01** | **Day 1****22/01** | **Day 2****23/01** | **Day 3****24/01** | **Day 4****25/01** | **Day 5****26/01** |
| 0.5 | 5.8 | 0.2 | 0.0 | 0.0 | 2.2 | 7.9 | **Rainfall (mm)** | 0 | 20 | 15 | 0 | 0 |
| 31 | 30 | 29 | 31 | 31 | 30 | 29 | **Max. Temp. (oC)** | 30 | 30 | 30 | 31 | 31 |
| 23 | 23 | 22 | 21 | 23 | 23 | 23 | **Min. Temp. (oC)** | 23 | 23 | 23 | 21 | 21 |
| Generally cloudy | Generally cloudy | Generally cloudy | Partly cloudy | Mainly cloudy | Mainly cloudy | Generally cloudy | **Sky condition** | Generally cloudy | Generally cloudy | Generally cloudy | Partly cloudy | Partly cloudy |
| 89 | 90 | 83 | 88 | 77 | 93 | 83 | **RH - Mor. (%)** | 93 | 93 | 93 | 83 | 83 |
| 77 | 81 | 62 | 57 | 64 | 73 | 57 | **RH - Eve. (%)** | 73 | 73 | 73 | 60 | 60 |
| 13 | 10 | 11 | 20 | 9 | 10 | 17 | **Wind speed (kmph)** | 10 | 10 | 12 | 12 | 12 |
| S | E | NE | E | NNE | E | E | **Wind direction** | E | E | ENE | ENE | ENE |

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| **Rainfall (mm) in last week** | **Rainfall (mm) from 01/01/2025 to till dated** |
| **16.6** | **16.9** |

**Weather forecast**

● The maximum temperature is likely to be same compared to the previous week.

● Light to Moderate rain is predicted on day 2 (23.01.2025) and day 3 (24.01.2025).

* Sky condition will be generally cloudy.
* Wind speed is expected to be 10-12 km per hour and the wind direction will be in East and East -Northeast direction.

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| **Crop** | **Stage** | **Agromet Advisory** |
| Irrigated crops  | Water management | Farmers are advised to postpone the irrigate based on the local weather. |
| Rainfed crops | Rainfall | * Avoid spraying for next three days.
* Produce that has attained physiological maturity may be harvested and stored safely.
 |
| Rainfed & irrigated crops | Relative humidity/ Mist | In the absence of rainfall, an increase in relative humidity can significantly increase the risk of plant diseases. Farmers are advised to closely monitor their fields under such conditions and implement suitable preventive measures to safeguard their crops. |
| Chilli  | Flowering and fruiting stage  | • Increasing day temperature favours thrips. Spray Imidacloprid 17.8 % SL @3.0 ml/10 lit.• Prevailing weather is conducive for Gram caterpillar @ Emamectin benzoate 5 % SG @ 4 g/10 lit.• In order to meet the nutrient requirement spray 1% solution of 19:19:19 fertilizer. |
| Sunflower | Heading stage | The expected weather having low cloud cover and moderate to high humidity are conducive for the incidence of head borer. To control the pest, spray 5% Neem oil or 5% Neem Seed Kernal extract before egg laying. |
| Jasmine | Flowering stage | Prevailing weather is conducive for Blossom midge. Spray Thiamethoxam 2.5% WG @ 0.75 g/litre (or) Novaluron 3ml/lit. of water. |
| Guava | Fruiting stage | Prevailed weather condition is conducive for Fruit fly, to control spray malathion 50 EC @2ml/litre or Dimethoate 30 EC @ 1ml/litre. |
| Live stock  | Relative humidity/ Mist | Increase in relative humidity chance for disease spread. Animals for grazing may be taken after sunrise.  |

Rain: 23&24.01-20&15 mm. Chilli- Thrips. spray Imidacloprid 17.8 % SL @3.0 ml/10 lit. and for Gram caterpillar @ Emamectin benzoate 5 % SG @ 4 g/10 lit...

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| **Tamil Nadu Weather forecast** |
| Light to Moderate Easterlies/ Northeasterlies prevail over the region in the lower tropospheric levels. |
| Next five days  | * Day 1 (22.01.2025) to Day 3 (24.01.2025): Light to moderate rain is likely to occur at isolated places over South Tamilnadu. Generally dry weather is likely to prevail over North Tamilnadu.
* Day 4 (25.01.2025) and Day 5 (26.01.2025): Generally dry weather is likely to prevail 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