|  |  |  |
| --- | --- | --- |
|   | **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. 035/2025 Day & Date: Friday & 02.05.2025**

|  |  |  |
| --- | --- | --- |
| **Observed weather for the period 25th April to 01st May 2025** | **Weather** **Parameters /****Date** | **Weather forecast****(Valid from 03rd May 2025 to 8:30 hrs. of 07th May 2025)** |
| **25/04** | **26/04** | **27/04** | **28/04** | **29/04** | **30/04** | **01/05** | **Day 1****03/05** | **Day 2****04/05** | **Day 3****05/05** | **Day 4****06/05** | **Day 5****07/05** |
| 2.9 | 3.4 | 2.1 | 1.7 | 0.0 | 3.3 | 0.0 | **Rainfall (mm)** | 3 | 3 | 4 | 4 | 4 |
| 39 | 41 | 37 | 39 | 37 | 37 | 38 | **Max. Temp. (oC)** | 37 | 37 | 37 | 38 | 38 |
| 28 | 27 | 27 | 25 | 27 | 26 | 27 | **Min. Temp. (oC)** | 26 | 26 | 26 | 27 | 27 |
| Generally cloudy | Partly cloudy | Partly cloudy | Partly cloudy | Generally cloudy | Generally cloudy | Mainly cloudy | **Sky condition** | Partly cloudy | Partly cloudy | Partly cloudy | Generally cloudy | Generally cloudy |
| 78 | 76 | 86 | 81 | 73 | 81 | 86 | **RH - Mor. (%)** | 75 | 75 | 75 | 85 | 85 |
| 63 | 63 | 63 | 57 | 64 | 62 | 56 | **RH - Eve. (%)** | 55 | 55 | 55 | 65 | 65 |
| 12 | 13 | 15 | 10 | 11 | 13 | 8 | **Wind speed** | 8 | 6 | 10 | 10 | 8 |
| SSW | SSE | SSE | S | S | S | S | **Wind direction** | WSW | S | SSW | SSW | SSE |

|  |  |
| --- | --- |
| **Rainfall (mm) in last week** | **Rainfall (mm) from 01/01/2025 to till dated** |
| **13.4** | **175.1** |

**Weather forecast**

### ● **The maximum temperature is likely to be decreased 1°C compared to the previous week.**

### ● **Light rainfall is expected over the next five days.**

### ● **Sky condition will be partly to generally cloudy.**

● **Wind speed is expected to be 6-10 km per hour and the wind direction will be from West-Southwest, South, South-Southwest and South-Southeast direction.**

|  |  |  |
| --- | --- | --- |
| **Crop** | **Stage** | **Agromet Advisory** |
| Irrigated crops  | Water management/ Temperature  | Postpone irrigation; however, in areas that did not receive rainfall in recent days, the increase in temperature may lead to crop stress. Those areas may be irrigated based on crop requirements. |
| Irrigated& rainfed crops  | Rainfall | Avoid spraying. However, in areas that did not receive rainfall in recent days, increase in temperatures may increase the risk of pest incidence. Moderate relative humidity may increase the incidence of diseases. Based on the local weather conditions are favorable, with no rainfall events recorded spraying may be practiced. |
| Cotton (irrigated) | Vegetative  | * Light rainfall can be utilized for fertilizer application.
* Farmers are requested to perform earthing-up intercultural operation.
 |
| Citrus | Citrus Canker | The prevailing weather condition is conducive for incidence of citrus canker disease, spray of Copper oxychloride (COC) @ 0.3% followed by 4 sprayings with Streptomycin 100 ppm + COC @ 0.3 % at monthly intervals after pruning. |
| Vegetables  | All stage | Cloudy weather is conducive to the incidence of diseases and pests. Farmers are requested to monitor their fields regularly and take preparatory measures accordingly. |
| Coconut | All stages | The chance of light rainfall is not sufficient to reduce Rugose Spiraling Whitefly incidence. Hence, it is advised to spray a solution of 25 g of maida in one litre of water to enhance the population of *Encarsia* parasitoids. Also, install yellow sticky traps. Avoid chemical sprays to help control the infestation naturally. |
| Mango | Fruiting stage | Wet, humid, warm weather conditions favor anthracnose infections in the field. Management: If the symptom is severe on fruit. 1.Spraying of carbendazim + Mancozeb (0.25%) is recommended at 15 days intervals. 2.This fungus is transmitted from field to storage. So, field sanitation procedures have to be followed. 3. Before storage, water treatment (50-55°C) for 15 minutes (or) dipping mangoes in Benornyl solution (500ppm) for 5 minutes. |
| Livestock- Summer Management: | Cow  | 1. Grazing on peak hours should be avoided. Instead of that, the animals can be allowed for grazing during 6-10AM and 4-6 PM. 2. Wet gunny bags can be spread over the roof of the shed, water sprinklers with fans may be provided inside the shed 3. Animals should be washed 2 times in a day viz. morning and evening. 4. 30g of mineral mixture should be supplemented during summer. |
| Sheep and Goats | 1. Grazing on peak hours should be avoided. Instead of that, the animals can be allowed for grazing during 6-10AM and 4-6 PM. 2. Animal’s shed should be well ventilated. Overcrowding should be avoided. 3. Sufficient quantity of cool, fresh drinking water should be available throughout the day. 4. Feeding of animals should be done during cool hours. 5. Dried paddy straw can be spread over the roof and periodical sprinkling of water will reduce the heat inside the animal shed. |
| General  | Preparatory work | Utilize the shower for summer ploughing to improve the soil's physical condition.  |

SMS: Rain: 03-07.05-3,3,4,4&4mm. Need-based irrigation. Cotton- fertilizer application & earthing-up intercultural operation

|  |
| --- |
| **Tamil Nadu Weather forecast** |
| Next five days weather  | * **Day 1 (03.05.2025) & Day 2 (04.05.2025)**: Light to moderate rain at isolated places with thunderstorm & lightning with gusty winds speed reaching 30-40 kmph at one or two places is likely to occur over Tamilnadu.
* **Day 3 (05.05.2025) &** **Day 4 (06.05.2025):** Light to moderate rain at a few places with thunderstorm & lightning at one or two places is likely to occur over Tamilnadu.
* **Day 5 (07.05.2025):** Light to moderate rain at a few places with thunderstorm & lightning at one or two places is likely to occur over Tamilnadu.
 |
| THUNDERSTORM WARNING | **Day 1 (03.05.2025) & Day 2 (04.05.2025):** Thunderstorm & lightning with gusty winds speed reaching 30-40 kmph is likely to occur at one or two places over Tamilnadu.**Day 3 (05.05.2025) to Day 5 (07.05.2025):** Thunderstorm & lightning is likely to occur at one or two places over Tamilnadu. |
| TEMPERATURE FORECAST | **Day 1 (03.05.2025) & Day 2 (04.05.2025):** High Maximum Temperature with high Humidity is likely to cause discomfort weather at a few pockets over Tamilnadu. |

**Professor and Head**

**Agricultural Research Station**

**Kovilpatti**

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