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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 |  |

**Tenkasi District level AAB No. 035/2024 Day & Date: Tuesday & 30.04.2024**

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| **Observed weather for the period 23rd April to 29th April 2024** | **Weather Parameters /****Date** | **Weather forecast****(Valid from 01st May 2024 to 8:30 hrs of 05th May 2024)** |
| **23/04** | **24/04** | **25/04** | **26/04** | **27/04** | **28/04** | **29/04** | **Day 1****01/05** | **Day 2****02/05** | **Day 3****03/05** | **Day 4****04/05** | **Day 5****05/05** |
| 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | **Rainfall (mm)** | 1 | 1 | 1 | 1 | 1 |
| 39 | 39 | 38 | 38 | 38 | 38 | 38 | **Max. Temp. (oC)** | 37 | 38 | 37 | 37 | 36 |
| 30 | 29 | 28 | 27 | 26 | 28 | 29 | **Min. Temp. (oC)** | 26 | 26 | 26 | 25 | 26 |
| Partly cloudy | Partly cloudy | Clear sky | Partly cloudy | Partly cloudy | Partly cloudy | Partly cloudy | **Cloud cover (Octa)** | Generally cloudy | Partly cloudy | Partly cloudy | Mainly clear | Mainly clear |
| 73 | 73 | 61 | 70 | 66 | 73 | 72 | **Relative humidity - Mor. (%)** | 80 | 80 | 80 | 80 | 80 |
| 52 | 53 | 50 | 49 | 47 | 50 | 48 | **Relative humidity - Eve. (%)** | 30 | 20 | 30 | 30 | 30 |
| 2 | 2 | 0 | 2 | 2 | 2 | 2 | **Wind speed (kmph)** | 12 | 12 | 14 | 12 | 14 |
| SSE | WSW | WSW | SE | SE | SE | SE | **Wind direction (dd)** | SW | SW | SW | SW | SW |

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| **Rainfall (mm) in last week** | **Rainfall (mm) from 12/04/2024 to till dated** |
| **0.1** | **23.7** |

**Weather forecast**

* The maximum temperature is likely to be decrease by 1oC compared to the previous week**.**
* Very light rainfall is predicted for next five days.
* Sky condition will be partly cloudy to clear sky.
* Wind speed is expected to be 12-14 km per hour and the wind direction will be from Southwest.

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| **Crop** | **Stage** | **Agromet Advisory** |
| Irrigated crops  | Water management | Very light rainfall is predicted. Farmers are requested to irrigate the crop based on the local weather prevail.  |
| Irrigated crops | Plant protection | Farmers are advised to avoid spraying.  |
| Summer ploughing | Moisture conservation | Farmers are requested for summer ploughing to hold the rainfall in future. |
| Paddy | Flowering stage | Maintain the water level to avoid lodging of crop. |
| Panicle initiation stage |
| Vegetables | Rainfall | Harvest the products as earlier to avoid the rainfall damage |
| Banana | Wind and Rainfall | Farmers are requested to practice propping to avoid lodging.  |
| Mango | Fruiting stage | Shade and high humidity due to close planting favor hoppers infestation result to Sooty mould. If sucking pest is available spray Imidachloprid 120 ml/ acre or else spray Starch or Maida solution 5 %.  |
| Coconut  | All the stage  | Weather favours for rugose whitefly incidence. Spraying starch solution (1%) to dislodge the heavy sooty mould deposition on the leaves of infested plants. Use of yellow sticky traps to trap the adult whiteflies • Encourage build-up of parasitoids (Encarsia sp.) and re-introduce parasitized pupae to emerging zones of whitefly outbreak. In case of severe infestation, spray neem oil 0.5% • No insecticides should be applied to manage the pest. |
| Banana  | All the stage | Soil temperature favours Fusarium wilt. drenching with Copper oxy chloride 2.5g/l to control the infestation.  |

SMS: Rain: 01-05.05.-1,1,1,1&1 mm. Irrigation based on local weather condition. Coconut - rugose whitefly- Spray 1% starch solution (or) neem oil 0.5%. Banana- Fusarium wilt-drenching with Copper oxychloride 2.5g/l.

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| **Tamil Nadu** |
| Yesterday’s trough/wind discontinuity from central Vidarbha to Coastal Karnataka across Marathwada, Interior Karnataka now runs from southeast Madhya Pradesh to south interior Karnataka across Vidarbha, Marathwada and north interior Karnataka extends upto 1.5 km above mean sea level.Yesterday’s cyclonic circulation over south Tamil Nadu & neighbourhood at 0.9 km above mean sea level persists. |
| Weather forecast  | Next five days | * Day 1 (01.05.2024) to Day 4 (04.05.2024): Light to moderate rain with thunderstorm and lightning is likely to occur at one or two places over Western Ghats and south Tamilnadu.
* Dry weather is very likely to prevail over rest Tamilnadu, Puducherry and Karaikal area.
* Day 5 (05.05.2024): Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.
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| Temperature Forecast |  | It is likely to be 39-43°C at a few pockets over the plains of the North Interior districts, 38-40°C over the plains of the rest Tamilnadu and 36-39°C over coastal Tamilnadu, Puducherry and Karaikal area during the next five days. (01.05.2024 to 05.05.2024). |

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|  | **Professor and Head****Agricultural Research Station****Kovilpatti** |