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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. 033/2024 Day & Date: Tuesday & 23.04.2024**

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| **Observed weather for the period 16th April to 22nd April 2024** | **Weather Parameters /****Date** | **Weather forecast****(Valid from 24th April 2024 to 8:30 hrs of 28th April 2024)** |
| **16/04** | **17/04** | **18/04** | **19/04** | **20/04** | **21/04** | **22/04** | **Day 1****24/04** | **Day 2****25/04** | **Day 3****26/04** | **Day 4****27/04** | **Day 5****28/04** |
| 2.4 | 1.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | **Rainfall (mm)** | 1 | 1 | 0 | 1 | 0 |
| 35 | 35 | 38 | 38 | 39 | 39 | 38 | **Max. Temp. (oC)** | 37 | 36 | 36 | 35 | 36 |
| 28 | 26 | 28 | 28 | 29 | 30 | 29 | **Min. Temp. (oC)** | 29 | 28 | 28 | 29 | 29 |
| Generally cloudy | Generally cloudy | Partly cloudy | Generally cloudy | Partly cloudy | Partly cloudy | Partly cloudy | **Cloud cover (Octa)** | Generally cloudy | Generally cloudy | Partly cloudy | Partly cloudy | Generally cloudy |
| 82 | 71 | 75 | 74 | 75 | 75 | 76 | **Relative humidity - Mor. (%)** | 80 | 80 | 80 | 80 | 80 |
| 46 | 55 | 50 | 47 | 49 | 50 | 53 | **Relative humidity - Eve. (%)** | 30 | 30 | 40 | 40 | 40 |
| 2 | 4 | 3 | 3 | 2 | 4 | 2 | **Wind speed (kmph)** | 8 | 10 | 8 | 10 | 8 |
| SW | SE | SSE | SSE | ENE | ESE | SSE | **Wind direction (dd)** | SW | ESE | SSW | S | WSW |

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| **Rainfall (mm) in last week** | **Rainfall (mm) from 12/04/2024 to till dated** |
| **3.7** | **23.6** |

**Weather forecast**

* Very light rainfall is predicted on day 1 (24.04.2024), day 2 (25.04.2024) and day 4 (27.04.2024).
* Sky condition will be partly to generally cloudy.
* Wind speed is expected to be 8-10 km per hour and the wind direction will be from Southwest, East-Southeast, South-Southwest, South and West-Southwest direction.

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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.  |
| 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 %.  |

SMS: Rain: 24,25&27.04-1,1&1 mm. Irrigate the crop, based on local weather condition. Mango- Sooty mould- If sucking pest is available spray Imidachloprid 120 ml/ acre or else spray Starch or Maida solution 5 %.

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| **Tamil Nadu** |
| Weather forecast  | Next five days | * Light rain is likely to occur at one or two places over South Tamilnadu from Day 1 (24.04.2024) to Day 3 (26.04.2024).
* Dry weather is very likely to prevail over North Tamilnadu, Puducherry and Karaikal area from Day 1 (24.04.2024) to Day 3 (26.04.2024).
* Dry weather is very likely to prevail over Tamilnadu, Puducherry and Karaikal area on Day 4 (27.04.2024) and Day 5 (28.04.2024)
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| Temperature Forecast |  | Day 1 (24.04.2024) to Day 5 (28.04.2024): It is likely to be 39-41°C at a few pockets over the plains of the north interior districts, 36-38°C over the plains of rest of Tamilnadu. |

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