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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 |  |

**Thirunelveli District level AAB No.042/2025 Day & Date: Tuesday & 27.05.2025**

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| **Observed weather for the period 20th May to 26st May2025** | **Weather Parameters / Date** | **Weather forecast****(Valid from 28rd May 2025 to 8:30 hrs. of 01thJune 2025)** |
| **20/05** | **21/05** | **22/05** | **23/05** | **24/05** | **25/05** | **26/05** | **Day 1****28/05** | **Day 2****29/05** | **Day 3****30/05** | **Day 4****31/05** | **Day 5****01/06** |
| 0.7 | 0.0 | 0.0 | 2.9 | 18.7 | 6.1 | 15.1 | **Rainfall (mm)** | 36 | 24 | 32 | 12 | 5 |
| 37 | 37 | 38 | 38 | 38 | 34 | 34 | **Max. Temp. (oC)** | 33 | 32 | 31 | 30 | 29 |
| 26 | 28 | 29 | 29 | 25 | 26 | 25 | **Min. Temp. (oC)** | 26 | 24 | 24 | 23 | 22 |
| Partly cloudy | Partly cloudy | Partly cloudy | Mainly Clear | Generally cloudy | Generally cloudy | Generally cloudy | **Sky condition** | Mainly cloudy | Mainly cloudy | Mainly cloudy | Generally cloudy | Mainly cloudy |
| 77 | 76 | 72 | 65 | 84 | 80 | 89 | **RH - Mor. (%)** | 90 | 90 | 90 | 90 | 80 |
| 50 | 53 | 52 | 50 | 61 | 55 | 67 | **RH - Eve. (%)** | 80 | 80 | 80 | 70 | 60 |
| 2 | 0 | 1 | 0 | 0 | 0 | 1 | **Wind speed (kmph)** | 22 | 24 | 20 | 14 | 12 |
| NW | 0 | NW | 0 | 0 | 0 | NW | **Wind direction** | WSW | WSW | WSW | W | W |

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| **Rainfall (mm) in last week** | **Rainfall (mm) from 01/01/2025 to till dated** |
| 43.5 | 577.6 |

**Weather forecast**

•**Compared to the previous week, the maximum temperature is likely to drop by up to 6 degrees Celsius.**

* **Light to moderate rain for the next five days.**
* **Sky condition will be mainly to generally cloudy.**
* Wind speed is expected to be 14-24 km per hour and the wind direction will be from west-southwest and west direction**.**

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| **Crop** | **Stage** | **Agromet Advisory** |
| Irrigated crops  | Water management | **Postpone irrigation.** |
| Rainfed & irrigated crops | Rainfall | **Avoid spraying.** |
| Paddy  | Nursery  | Avoid spraying. Maintain the water level to avoid crop submerge.  |
| Vegetative  | Avoid spraying. Maintain the water level to avoid prolonged waterlogging lead to suffocation.  |
| Pulse | Rainfall | Requested to go for machine harvest to complete at the earliest.  |
| General | Preparatory work | Utilize the shower for summer ploughing to improve the soil's physical condition.  |
| Livestock | May month disease forecast | **Fascioliasis -** Medium Risk- Cattle, Buffalo, Goat, Sheep. **Preventive Measures:*** Routine deworming with recommended anthelmintics.
* Control snail populations in waterlogged areas using molluscicides.
* Provide clean drinking water.
* Restrict grazing in marshy or snail-infested areas.
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| **Sheep & Goat pox-** Very High Risk- Goat&Sheep.**Preventive Measures:**Ring vaccination within an 8 km radius should be conducted using live attenuated vaccines. Infected animals must be isolated immediately to prevent further transmission.Dispose of carcasses properly, such as by deep burial with lime.Administer the first vaccination at 3 months of age, followed by yearly boosters.After recovery, infected herds and sick animals should be isolated for at least 45 days.Implement quarantine measures before introducing animals into herds.Restrict animal movement from infected areas to reduce the risk of spreading the disease.Maintain strict sanitary measures to prevent further transmission. |

SMS: Rain: 28-01.06-36,24,32,12&5mm.Paddy-Avoid spraying. Maintain the water level to avoid crop submerge and suffocation. Pulse- Machine harvest to complete at the earliest.

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| **Tamil Nadu Weather forecast** |
| Next five days weather  | **Day 1** (28.05.2025): Light to moderate rain at isolated places with thunderstorm & lightning at one or two places is likely to occur over Tamilnadu. Heavy to very heavy rain is likely to occur at isolated places over Ghat areas of Tirunelveli district; Theni and Tenkasi districts. **Day 2** (29.05.2025): Light to moderate rain at isolated places with thunderstorm & lightning at one or two places is likely to occur over Tamilnadu. Heavy rain is likely to occur at isolated places over Ghat areas of Tirunelveli district; Tiruppur, Dindigul, Theni, Tenkasi and Kanyakumari districts.**Day 3** (30.05.2025) and Day 4 (31.05.2025): Light to moderate rain at a few places with thunderstorm & lightning at one or two places is likely to occur over Tamilnadu. Heavy to very heavy rain is likely to occur at isolated places over Ghat areas of Coimbatore and Tirunelveli districts; Nilgiris, Tenkasi and Theni districts. **Day 5** (01.06.2025): Light to moderate rain at isolated places is likely to occur over Tamilnadu. |

**Professor and Head**

**Agricultural Research Station**

**Kovilpatti**