|  |  |  |
| --- | --- | --- |
|  | **Gramin Krishi Mausam Sewa (GKMS)****Agromet Field Unit (AMFU)**Agricultural Research Station, TNAU, Kovilpatti - 628 501Email: agmet\_arskpt@yahoo.co.in, amfukovilpatti@gmail.com |  |

 **Thoothukudi District level AAB No. 073/2024 Day & Date: Tuesday &** **10.09.2024**

|  |  |  |
| --- | --- | --- |
| **Observed weather for the period 03 September to 09th September 2024**  | **Weather Parameters / Date** | **Weather forecast****(Valid from 11th September 2024 to 8:30 hrs of 15th September 2024)**  |
| **03/09** | **04/09** | **05/09** | **06/09** | **07/09** | **08/09** | **09/09** | **Day 1****11/09** | **Day 2****12/09** | **Day 3****13/09** | **Day 4****14/09** | **Day 5****15/09** |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | **Rainfall (mm)** | 0 | 0 | 0 | 0 | 0 |
| 38 | 37 | 38 | 37 | 38 | 37 | 37 | **Max. Temp. (oC)** | 37 | 38 | 38 | 38 | 38 |
| 27 | 27 | 27 | 28 | 27 | 27 | 27 | **Min. Temp. (oC)** | 27 | 28 | 28 | 28 | 28 |
| Mainly Cloudy | Partly Cloudy | Partly Cloudy | Generally Cloudy | Mainly Cloudy | Partly Cloudy | Partly Cloudy | **Cloud cover (Octa)** | Partly Cloudy | Generally Cloudy | Generally Cloudy | Generally Cloudy | Mainly Cloudy |
| 76 | 72 | 70 | 71 | 62 | 74 | 77 | **Relative humidity - Mor. (%)** | 70 | 70 | 60 | 60 | 60 |
| 56 | 55 | 48 | 56 | 58 | 57 | 56 | **Relative humidity - Eve. (%)** | 30 | 30 | 30 | 30 | 30 |
| 4 | 2 | 2 | 3 | 4 | 4 | 4 | **Wind speed (kmph)** | 24 | 22 | 20 | 24 | 22 |
| W | W | W | WNW | W | WNW | WNW | **Wind direction (dd)** | WSW | WSW | WSW | W | W |

|  |  |
| --- | --- |
| **Rainfall (mm) in last week** | **Rainfall (mm) from 01/01/2024 to till dated** |
| **0.0** | **119.4** |

**Weather forecast**

* The maximum temperature may remain same compared to the previous week.
* No rainfall is predicted for next five days.
* Sky condition will be generally cloudy.
* Wind speed is expected to be 22-24 km per hour and the wind direction will be from West-southwest and west direction.

|  |  |  |
| --- | --- | --- |
| **Crop** | **Stage** | **Agromet Advisory** |
| Irrigated crops  | Water management | Farmers are advised to irrigate the crop. |
| Land preparation | Trench formation | During land preparation in dryland, farmers are requested to create trench in mid of the field to avoid water stagnation in future.  |
| Cotton  | Sowing | * Keep ready with seeds and fertilizer for sowing,
* Seed treatment to be practiced to avoid stem weevil incidence.
* Adopt synchronized sowing and bund crop or intercrop to encourage the activities of natural enemies.
 |
| Pearl millet andsorghum | Sowing | Farmers are requested to practice seed hardening before sowing. For Pearl millet & Sorghum: 2% potassium chloride (Dissolve 20 gm of salt in 1000 ml of water). Soak 1 kg of seed in 650 ml of this solution for 10 hours and dry back to original moisture. |
| Paddy | Vegetative to Milking stage | Irrigate the field and go for plant protection measures.  |
| Green manure crop |  | Sun hemp can be raised and used as livestock feed. It can also be raised inside the tree basin to maintain the moisture and enrich the soil nutrient.. |
| Banana | Bunchdevelopmentstage | * Prevailing wind speed may damage the physical appearance of the crop. Hence, farmers are advised to do propping.
* Earthing up may be practiced to avoid lodging.
* Use transparent polyethylene sleeves with 4% ventilation to cover the bunch immediately after opening of last hand to blemish free fruits with uniform size and quality..
 |

SMS: Rain: Nil. Irrigate the crop. Requested to create trench in mid of the field. Seed treatment and seed hardening, synchronized sowing and bund crop be practice to avoid crop loss.

|  |
| --- |
| Tamil Nadu |
| Light to Moderate Westerlies/Southwesterlies prevail over the region in the lower tropospheric levels. |
| Weather forecast  | Next five days | * Day 1 (11.09.2024) and Day 2 (12.09.2024):Light to moderate rain with thunderstorm and lightning is likely to occur at isolated places over Tamil Nadu.
* Day 3 (13.09.2024) to Day 5 (15.09.2024):Light to moderate rain is likely to occur at isolated places over Tamil Nadu.
 |

**Professor and Head**

**Agricultural Research Station**

 **Kovilpatti**