|  |  |  |
| --- | --- | --- |
|   | **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.** **065/2024 Day & Date: Tuesday &** **13.08.2024**

|  |  |  |
| --- | --- | --- |
| **Observed weather for the period 06th August to 12th August 2024**  | **Weather Parameters /****Date** | **Weather forecast****(Valid from 14th August 2024 to 8:30 hrs of 18th August 2024)** |
| **06/07** | **07/07** | **08/08** | **09/08** | **10/07** | **11/07** | **12/08** | **Day 1****14/08** | **Day 2****15/08** | **Day 3****16/08** | **Day 4****17/08** | **Day 5****18/08** |
| 11.0 | 5.0 | 25.3 | 15.8 | 0.0 | 13.9 | 15.6 | **Rainfall (mm)** | 5 | 4 | 3 | 8 | 27 |
| 36 | 39 | 36 | 34 | 36 | 37 | 35 | **Max. Temp. (oC)** | 36 | 35 | 35 | 34 | 33 |
| 25 | 25 | 25 | 24 | 26 | 26 | 26 | **Min. Temp. (oC)** | 26 | 25 | 25 | 24 | 23 |
| partly cloudy | Generally cloudy | Generally cloudy | Generally cloudy | Generally cloudy | Generally cloudy | Generally cloudy | **Cloud cover (Octa)** | Mainly cloudy | Mainly cloudy | Mainly cloudy | Mainly cloudy | Mainly cloudy |
| 63 | 88 | 85 | 90 | 71 | 83 | 89 | **Relative humidity - Mor. (%)** | 80 | 80 | 80 | 80 | 80 |
| 74 | 75 | 78 | 53 | 54 | 60 | 54 | **Relative humidity - Eve. (%)** | 50 | 50 | 50 | 50 | 50 |
| 15 | 12 | 6 | 4 | 11 | 7 | 7 | **Wind speed (kmph)** | 8 | 10 | 8 | 6 | 10 |
| W | W | ESE | WSW | W | W | ESE | **Wind direction (dd)** | S | WSW | W | WSW | E |

|  |  |
| --- | --- |
| **Rainfall (mm) in last week** | **Rainfall (mm) from 01/01/2024 to till dated** |
| **86.6** | **361.3** |

**Weather forecast**

* The maximum temperature may decrease up to 5°C compared to the previous week.
* Light to moderate rainfall is predicted for next five days
* Sky condition will be mainly cloudy sky.
* Wind speed is expected to be 6-10 km per hour and the wind direction will be in West-northwest, West, south-southeast and south-southwest direction.

|  |  |  |
| --- | --- | --- |
| **Crop** | **Stage** | **Agromet Advisory** |
| Irrigated crops  | Water management | Light to moderate rainfall is predicted hence farmers are requested to postponed the irrigation. |
| Cotton  | Sowing | * Adopt synchronized sowing. Grow castor, cowpea, maize as bund crop or intercrop to encourage the activities of natural enemies. Basal application of 250 kg/ha of neem cake.
* Create trench/ drainage facilities to avoid water logging.
 |
| Pearl millet andsorghum | Rainfall | 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 stage | Avoid irrigation.  |
| Green manure crop |  | * **Livestock -** Sun hemp can be used livestock feed.
* **Horticultural crops -** It can be raised inside the basin to maintain the moisture and improve the soil nutrient.
 |
| Citrus | Fruiting stage | • Under this prevailing weather condition Citrus Canker disease incidence is noticed. To control spray Copper oxychloride 0.2% at fortnight intervals & Control leaf miner when young flush is produced.**Nutrient deficiency** * Copper deficiency - Reduced growth, new leaves shrived bushy growth appearance. Foliar spray of CuSO4 0.5 % at fortnight interval.
* Iron deficiency - Thin leaves with intervenial chlorosis in young leaves. Die back symptom-older leaved remain green, fruit hard, course light coloured. Foliar spray of FeSO4 @ 0.5% twice at fortnight interval
 |
| Jasmine | Flowering stage | * As high cloud cover, moderate wind speed was expected in the coming days, Blossom midge may occur. To control spray Thiamethoxam 2.5% WG @ 0.75 g/litre or Flufenoxuron @ 1.5 g/lit.
 |

Rain: 14-18.08-5,4,3,8&27 mm. Cotton - Adopt synchronized sowing. Grow castor, cowpea, maize as bund crop or intercrop. Create trench/ drainage facilities to avoid water logging.

|  |
| --- |
| Tamil Nadu |
| Yesterday’s trough from Rayalaseema to Comorin area persists and now extends upto 0.9 km above meansea level. |
| Weather forecast  | Next five days | **Day 1 (14.08.2024)**: Light to moderate rain at a few places with thunderstorm and lightning at isolated places is likely to occur over Tamilnadu. Heavy rain is likely to occur at isolated places over Theni, Dindigul, Erode, Tenkasi, Tirunelveli and Kanyakumari districts.**Day 2 (15.08.2024)**: Light to moderate rain at a few places with thunderstorm and lightning at isolated places is likely to occur over Tamilnadu. Heavy rain is likely to occur at isolated places over Tirunelveli districts; Kanyakumari, Tenkasi, Theni, Dindigul, Tiruppur, Nilgiris, Erode, Dharmapuri, Krishnagiri, Salem and Namakkal districts.**Day 3 (16.08.2024)**: Light to moderate rain at many places with thunderstorm and lightning at isolated places is likely to occur over Tamilnadu. **Day 4 (17.08.2024)**: Light to moderate rain at many places with thunderstorm and lightning at isolated places is likely to occur over Tamilnadu. **Day 5 (18.08.2024)**: Light to moderate rain at many places with thunderstorm and lightning at isolated places is likely to occur over Tamilnadu. Heavy rain is likely to occur at isolated places over Kanyakumari,Tirunelveli, Thoothukudi, Tenkasi, and Virudhunagar districts. |

**Professor and Head**

**Agricultural Research Station**

 **Kovilpatti**

orer. To

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