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|---|--|------------------------------|-------------------|-------------------|----|---|-------------------|
| <br><b>MSSRF</b><br><i>Science for Sustainable Development</i> | <b>AgroMet Advisory Bulletin (AAB)</b><br>Jointly released by<br>Regional Meteorology Centre, Chennai – India Meteorology Department,<br>Reddiarchatham Seed Growers Association &<br>M. S. Swaminathan Research Foundation, Kannivadi<br>Phone no.: 044 - 22541229 E mail: <a href="mailto:amfu.kanniwadi@gmail.com">amfu.kanniwadi@gmail.com</a> Fax: 044 – 22541319 |                              |                   |                   |    |  |                   |
|   | District :   | <b>Sivagangai</b>            | Forecast Period : | <b>15/06/2024</b> | to |   | <b>19/06/2024</b> |
|   | Bulletine No :   | <b>MSSRF/SVG / 048/ 2024</b> | Release Date :    | <b>14/06/2024</b> |    |   |                   |

|                                 |  |             |                     |           |                   |
|---------------------------------|--|-------------|---------------------|-----------|-------------------|
| <b>Significant past weather</b> |  | <b>From</b> | <b>11/06/2024</b>   | <b>to</b> | <b>13/06/2024</b> |
|                                 |  | <b>4</b>    |                     | <b>4</b>  |                   |
| <b>Parameters</b>               |  |             | <b>Past Weather</b> |           |                   |
| Rainfall (mm)                   |  |             | 2.0                 |           |                   |
| Maximum Temperature (°C)        |  |             | 38-39               |           |                   |
| Minimum Temperature (°C)        |  |             | 26-27               |           |                   |
| Sky Condition (Octas)           |  |             | 4-7                 |           |                   |
| Relative Humidity (%)           |  |             | 46-76               |           |                   |
| Wind Speed (kmph)               |  |             | 5-9                 |           |                   |

**Ensemble Weather Forecast**      **08:30Hrs**  
 until    of    **19-06-2024**

| Parameters                 | 15-06-2024 | 16-06-2024 | 17-06-2024 | 18-06-2024 | 19-06-2024 |
|----------------------------|------------|------------|------------|------------|------------|
|                            | Saturday   | Sunday     | Monday     | Tuesday    | Wednesday  |
| Rainfall (mm)              | 0          | 1          | 0          | 0          | 0          |
| Maximum Temperature (°C)   | 38         | 37         | 38         | 37         | 37         |
| Minimum Temperature (°C)   | 26         | 26         | 26         | 25         | 25         |
| Sky Condition (Octas)      | 4          | 5          | 6          | 6          | 5          |
| Max. Relative Humidity (%) | 70         | 70         | 70         | 70         | 70         |
| Min. Relative Humidity (%) | 40         | 40         | 40         | 50         | 40         |
| Wind Speed (Kmph)          | 10         | 10         | 16         | 16         | 18         |
| Wind Direction             | SW         | SW         | SW         | SW         | SW         |

|                         |   |
|-------------------------|---|
| <b>SMS<br/>Advisory</b> | Chances of very light rain on 16 Jun. Maximum temperature would be in the range of 37°C to 38°C and the minimum temperature would be between 25°C - 26°C. Generally cloudy sky will appear for the next five days. Wind is expected with the speed of 10-18 Kmph from, Southwest direction. |
|-------------------------|---|

### General Advisory:

### Extended range Forecast for next week (14<sup>th</sup> to 27<sup>th</sup> June 2024):

#### Rainfall:

As per extended range predictions, there is possibility of near normal rainfall likely over the district during 14<sup>th</sup> to 20<sup>th</sup> June 2024.

As per extended range predictions, there is possibility of below normal rainfall likely over the district during 21<sup>st</sup> to 27<sup>th</sup> June 2024.

#### Maximum Temperature:

Maximum temperatures are likely to be near normal and are likely to be in the range 28°C to 32°C over the plains of the district during next week. 14<sup>th</sup> to 20<sup>th</sup> June 2024.

Maximum temperatures are likely to be near normal to slightly above normal and are likely to be in the range 28°C to 34°C over the plains of the district during next week. 21<sup>st</sup> to 27<sup>th</sup> June 2024.

### **Minimum Temperature:**

Minimum temperatures are likely to be near normal and are likely to be in the range 20°C to 24°C over the district during next week 14<sup>th</sup> to 20<sup>th</sup> June 2024.

Minimum temperatures are likely to be near normal to slightly above normal and are likely to be in the range 20°C to 24°C over the district during next week 21<sup>st</sup> to 27<sup>th</sup> June 2024.

### **Weather Based Agro-Advisories: (Blackgram, Sugarcane & Animal Husbandry)**

#### **Blackgram:**

For pulses (Blackgram crop), foliar spray of 1% urea may give a better result for improved yield.

Foliar spray of 1% Urea on the 30<sup>th</sup> and 45<sup>th</sup> day after sowing is recommended.

Or foliar spray of 2% DAP can be given to the Blackgram crop.

#### **Sugarcane:**

Top dressing with fertilizers will give good results in Sugarcane cultivation.

In the case of the lift irrigation belt, apply 225 kg of nitrogen and 112 ½ kg of K<sub>2</sub>O per hectare in three equal splits during 30, 60 and 90 days.

#### **Animal Husbandry:**

Kind attention to the livestock-rearing farmers, there are chances of occurrence of Foot and Mouth disease in cows during this season.

Farmers are advised to prevent the cows from Foot and Mouth disease, by vaccinating your cows at the government veterinary clinics during the month of June.

Vaccination should be done once in every 4 months.