


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

<b>Significant past weather</b>	<b>From</b>	<b>11/06/202</b>	<b>to</b>	<b>13/06/202</b>
		<b>4</b>		<b>4</b>
<b>Parameters</b>	<b>Past Weather</b>			
Rainfall (mm)	1.2			
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 of 19-06-2024**  
 until

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	6	2
Maximum Temperature (°C)	33	33	33	32	32
Minimum Temperature (°C)	23	23	22	22	21
Sky Condition (Octas)	6	7	7	6	7
Max. Relative Humidity (%)	80	80	70	80	80
Min. Relative Humidity (%)	50	50	40	50	50
Wind Speed (Kmph)	12	12	10	12	12
Wind Direction	W	W	W	W	W

<b>SMS Advisory</b>	Chances of light rain on 18 & 19 Jun. Maximum temperature would be in the range of 32°C to 33°C and the minimum temperature would be between 21 - 23°C. Generally cloudy sky will appear for the next five days. Wind is expected with the speed of 10-12 Kmph from, West 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: (Jasmine, Bhandi & Animal Husbandry)**

#### **Jasmine:**

Micronutrient deficiency is noticed in Jasmine flower fields. The application of well-composted manure in the jasmine field will give effective results.

Farmers are advised to apply Farm Yard Manure @ 10kg per pit before planting. NPK @ 60:120:120 gm/plant/year should be applied in two equal splits during June-July and November (after pruning) along with well-composted Farm Yard Manure @ 5-7kgs per plant.

#### **Bhandi:**

At this prevailing weather condition, a foliar spray of nutrition is essential to increase the yield in Bhandi crop.

Spray 1% Urea (10g/litre) and a Mureate of Potash (17g/litre) on 30<sup>th</sup> and 45<sup>th</sup> days after planting.

For hybrids, foliar application of water-soluble fertilizer 19-19-19 three times @ 0.5% (5g/l) at 10 days intervals from 30 days after planting is recommended.

#### **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.