


 <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>22/06/2024</b>	to		<b>26/06/2024</b>
	Bulletine No :	<b>MSSRF/ THN/ 050/ 2024</b>	Release Date :	<b>21/06/2024</b>			

<b>Significant past weather</b>	<b>From</b>	<b>18/06/202</b>	<b>to</b>	<b>20/06/202</b>
	<b>4</b>			<b>4</b>
<b>Parameters</b>	<b>Past Weather</b>			
Rainfall (mm)	6.9			
Maximum Temperature (°C)	37-39			
Minimum Temperature (°C)	25-26			
Sky Condition (Octas)	6			
Relative Humidity (%)	52-86			
Wind Speed (kmph)	4			

**Ensemble Weather Forecast**      **08:30Hrs of 26-06-2024**  
 until

Parameters	22-06-2024	23-06-2024	24-06-2024	25-06-2024	26-06-2024
	Saturday	Sunday	Monday	Tuesday	Wednesday
Rainfall (mm)	2	26	25	27	10
Maximum Temperature (°C)	33	32	30	29	28
Minimum Temperature (°C)	22	21	20	19	18
Sky Condition (Octas)	8	8	8	8	8
Max. Relative Humidity (%)	70	90	90	80	80
Min. Relative Humidity (%)	60	60	60	60	70
Wind Speed (Kmph)	10	10	12	12	14
Wind Direction	W	SW	W	W	W

<b>SMS Advisory</b>	Chances of Moderate rain during 23, 24, 25 & 26 Jun. Maximum temperature would be in the range of 28°C to 33°C and the minimum temperature would be between 18°C - 22°C. Cloudy sky will appear for the next five days. Wind is expected with the speed of 10-14 Kmph from, West & Southwest directions.
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**General Advisory:**

**Extended range Forecast for next week (21<sup>st</sup> June to 04<sup>th</sup> July 2024):**

**Rainfall:**

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

As per extended range predictions, there is possibility of generally normal to slightly above normal rainfall likely over the district during 28<sup>th</sup> Jun to 04<sup>th</sup> July 2024.

**Maximum Temperature:**

Maximum temperatures are likely to be near normal and are likely to be in the range 26°C to 32°C over the plains of the district during next week. 21<sup>st</sup> to 27<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 26°C to 32°C over the plains of the district during next week. 28<sup>th</sup> Jun to 04<sup>th</sup> July 2024.

### **Minimum Temperature:**

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> Jun to 04<sup>th</sup> July 2024.

Heavy rain is likely to occur at isolated places over the district during 23, 24 & 25 June 2024. Farmers are advised to act swiftly to repair the water channels, farm ponds and other water bodies to harvest the rain water. During these days farmers are advised to avoid irrigation, intercultural operations and application of plant protection measures to the standing crops, provide adequate drainage facilities in the fields to avoid water stagnation due to heavy rainfall, do not allow the animals to grazing outside, standing near the trees or electric poles & provide safe shelter.

### **Agriculture:**

Since some amount of rainfall has been received recently, and rainfall is expected for the coming days, farmers can plan for ploughing and land preparation activities.

Farmers are also advised to act swiftly to repair the water channels, farm ponds and other water bodies to harvest the rainwater.

Postpone the spraying activities for a short while.

### **Weather Based Agro-Advisories: (Cluster beans, Lemon & Animal Husbandry)**

#### **Cluster beans:**

The occurrence of Aphids is noticed in Cluster beans. Nymphs and adults suck the sap of leaves. It leads to leaf wilting, and flower dropping, and the growth of the plants is also hindered.

To control, spray Acephate @ 40gm + sticky agent @ 10ml with 10litres of water.

#### **Lemon:**

The incense of Citrus nematodes is widely found on the citrus farms. Farmers are advised to apply 50gm *Pseudomonas fluorescens* formulation per tree at a depth of 15cm and 50cm away from the trunk once in four months. For severe infestation cases, apply Cartap hydrochloride @ 35gm/tree to control citrus nematodes.

#### **Animal Husbandry:**

To increase the SNF rate in cow milk, farmers are advised to add 2 to 3 grams of baking soda and 15 to 20gms of cooking salt with the routine daily feed of cows, this will help to increase the SNF rate in the milk.