
	<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>Madurai</b>	Forecast Period :	<b>29/06/2024</b> to <b>03/07/2024</b>	
	Bulletine No :	<b>MSSRF/ MDU / 052/ 2024</b>	Release Date :	<b>28/06/2024</b>	

<b>Significant past weather</b>	<b>From</b> <b>25/06/202</b> <b>4</b>	<b>to</b> <b>27/06/202</b> <b>4</b>
<b>Parameters</b>	<b>Past Weather</b>	
Rainfall (mm)	0.0	
Maximum Temperature (°C)	35-37	
Minimum Temperature (°C)	26-27	
Sky Condition (Octas)	6-7	
Relative Humidity (%)	55-83	
Wind Speed (kmph)	11-17	

**Ensemble Weather Forecast 08:30Hrs**  
**until of 03-07-2024**

Parameters	29-06-2024	30-06-2024	01-07-2024	02-07-2024	03-07-2024
	Saturday	Sunday	Monday	Tuesday	Wednesday
Rainfall (mm)	0	2	3	3	3
Maximum Temperature (°C)	33	34	35	34	33
Minimum Temperature (°C)	25	25	25	24	24
Sky Condition (Octas)	5	6	8	8	8
Max. Relative Humidity (%)	70	70	70	70	70
Min. Relative Humidity (%)	50	40	50	40	40
Wind Speed (Kmph)	8	6	8	6	10
Wind Direction	W	W	NW	NW	NW

<b>SMS Advisory</b>	Chances of light rain during 1, 2 & 3 July. Maximum temperature would be in the range of 33°C to 35°C and the minimum temperature would be between 24°C - 25°C. Cloudy sky will appear for the next five days. Wind is expected with the speed of 6-10 Kmph from, West & Northwest directions.
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**General Advisory:**

**Extended range Forecast for next week (28<sup>th</sup> June to 11<sup>th</sup> July 2024):**

**Rainfall:**

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

As per extended range predictions, there is possibility of slightly above normal rainfall likely over the district during 5<sup>th</sup> to 11<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 34°C over the plains of the district during next week. 28<sup>th</sup> June to 04<sup>th</sup> July 2024.

Maximum temperatures are likely to be generally normal and are likely to be in the range 26°C to 32°C over the plains of the district during next week. 5<sup>th</sup> to 11<sup>th</sup> July 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 28<sup>th</sup> June to 11<sup>th</sup> July 2024.

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

#### **Sugarcane:**

The incidence of White Grub is expected in Sugarcane. The symptoms initially appear on leaves, leaves get yellowing and wilting, entire crown gets dried, causing extensive damage to the roots and base of the shoot. Affected canes show lodging in the field.

To control spray, 25 ml of Fipronil 5%SC with 10 litres of Water.

#### **Paddy:**

Before transplanting the paddy seedlings, the application of organic inputs in the field is essential for the Paddy crop.

Mix 2kg of Azospirillum per hectare and 2kg of Phosphobacteria per hectare or 4kg of Azophos inoculants with 25kg FYM and 25 kg of sand.

Broadcast the mixture uniformly in the main field before transplanting.

Spraying and fertilizer application activities should be carried out on non-rainy days.

#### **Animal Husbandry:**

Due to the prevailing weather condition, Enterotoxaemia disease may affect the Goats. The main symptom of the disease causes sudden death in young growing kids. Mucous diarrhoea may also be seen during death.

To prevent this disease, do not feed on young grass, allow the goat for grazing one hour after the sunshine. Immediately contact the nearest veterinary clinic and vaccinate your animals.