
 <b>MSSRF</b> Science for Sustainable Development	<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.kannivadi@gmail.com">amfu.kannivadi@gmail.com</a> Fax: 044 – 22541319					
	District :	<b>Dindigul</b>	Forecast Period :	<b>29/05/2024</b>	to	
	Bulletin No:	<b>MSSRF/ DGL /043/ 2024</b>	Release Date :	<b>28/05/2024</b>		

<b>Significant past weather</b>	From	<b>24/05/202</b>	to	<b>27/05/202</b>
		<b>4</b>		<b>4</b>
<b>Parameters</b>	<b>Past Weather</b>			
Rainfall (mm)	4.6			
Maximum Temperature (°C)	34-37			
Minimum Temperature (°C)	26-27			
Sky Condition (Octas)	5-8			
Relative Humidity (%)	51-88			
Wind Speed (kmph)	3-8			

**Ensemble Weather Forecast**  
 until **08:30Hrs of 02-06-2024**

Parameters	29-05-2024	30-05-2024	31-05-2024	01-06-2024	02-06-2024
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	4	4	8	6	8
Maximum Temperature (°C)	37	37	36	35	35
Minimum Temperature (°C)	27	26	26	25	25
Sky Condition (Octa)	8	5	8	8	8
Max. Relative Humidity (%)	70	70	70	70	70
Min. Relative Humidity (%)	40	40	40	40	40
Wind Speed (Kmph)	14	14	10	8	8
Wind Direction	W	NW	NW	W	W

<b>SMS Advisory</b>	Chances of light to Moderate rain during the next five days. Maximum temperature would be in the range of 35°C to 37°C and the minimum temperature would be between 25°C - 27°C. Cloudy sky will appear for the next five days. Wind is expected with the speed of 8-14 Kmph from, West & Northwest directions.
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**General Advisory:**

**Extended range Forecast for next week (31<sup>st</sup> May to 06<sup>th</sup> June 2024):**

**Rainfall:**

As per extended range predictions, there is possibility of below normal to near normal rainfall likely over the district during 31<sup>st</sup> May to 06<sup>th</sup> June 2024.

**Maximum Temperature:**

Maximum temperatures are likely to be slightly below normal to near normal and are likely to be in the range 28°C to 34°C over the plains of the district during next week. 31<sup>st</sup> May to 06<sup>th</sup> June.

**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 31<sup>st</sup> May to 06<sup>th</sup> June 2024.

Wind with the speed of 8 to 14 kmph is expected for the next five days. Hence farmers are advised to provide propping in sugarcane and to provide adequate support for crops like Banana, Papaya, Guava and Moringa, to prevent from lodging. For Gourds check the structures /pandhals for damages in the strings and poles and provide adequate support. Postpone the spraying activity.

Maximum temperatures is likely to be above normal by 2 - 3°C one or two places and are likely to be in the range of 35°C to 37°C, over the district from 29<sup>th</sup> to 31<sup>st</sup> May 2024.

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

#### **Chilly:**

The incense of Bacterial leaf spot disease noticed in Chilli. The symptoms exhibited in the leaves, are small circular, or irregular, dark brown or black greasy spots.

Severely affected leaves become chlorotic and fall off. Round, raised water-soaked spots with a pale-yellow border are seen on the fruits, and the fruits will fall off.

Spray Agrimycin @ 175gm with 500 litres of water/per acre.

#### **Jasmine:**

The incidence of Flower midge is expected in Jasmine.

At the beginning stage, affected buds turn into yellowish grey colour and buds become smaller in size with brown colour.

To control, spray Profenophos @ 30ml + Cartap hydrochloride @ 20gm + sticky agent @ 10ml with 10 litres of water.

#### **Animal Husbandry:**

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

To prevent this disease, do not feed on young grass, allow the goat to graze one hour after the sunshine.

Vaccinate the animals once a year before the onset of monsoon.