
 <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>24/06/2023</b>	to	
	Bulletin No:	<b>MSSRF/ DGL / 050/ 2023</b>	Release Date :	<b>23/06/2023</b>		

Significant past weather	From	20/06/2023	to	22/06/2023
Parameters	Past Weather			
Rainfall (mm)	17.1			
Maximum Temperature (°C)	36-37			
Minimum Temperature (°C)	26-27			
Sky Condition (Octas)	4-7			
Relative Humidity (%)	40-65			
Wind Speed (kmph)	6-10			

Ensemble Weather Forecast until 08:30Hrs of **28-06-2024**

Parameters	24-06-2023	25-06-2023	26-06-2023	27-06-2023	28-06-2023
	Saturday	Sunday	Monday	Tuesday	Wednesday
Rainfall (mm)	10	8	6	16	8
Maximum Temperature (°C)	39	38	38	37	37
Minimum Temperature (°C)	25	24	24	23	23
Sky Condition (Octa)	8	6	7	7	8
Max. Relative Humidity (%)	60	70	70	70	70
Min. Relative Humidity (%)	40	40	40	40	40
Wind Speed (Kmph)	14	12	10	12	14
Wind Direction	W	W	W	W	SW

<b>SMS</b> <b>Advisory</b>	Chances of Moderate rain during 24, 25, 27, 28 Jun & light rain on 26 Jun. Maximum temperature would be in the range of 37°C to 39°C and the minimum temperature would be between 23°C - 25°C. Generally cloudy sky will appear for the next five days. Wind expected with the speed of 10-14 Kmph from West & Southwest directions.
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### Extended range Forecast for next week (23<sup>rd</sup> – 29<sup>th</sup> June 2023):

#### General Advisory

#### Rainfall:

As per extended range predictions, there is possibility of slightly below normal rainfall likely over the district during 23<sup>rd</sup> to 29<sup>th</sup> June 2023.

#### Rainfall:

As per extended range predictions, there is possibility of near normal to slightly above normal rainfall likely over the district during 30<sup>th</sup> June to 6<sup>th</sup> July 2023.

#### Maximum Temperature:

Maximum temperatures is likely to be generally near normal and are likely to be in the range 30°C to 34°C over the plains of the district during next week. 23<sup>rd</sup> to 29<sup>th</sup> June 2023.

### **Maximum Temperature:**

Maximum temperatures is likely to be generally near normal and are likely to be in the range 28°C to 34°C over the plains of the district during next week. 30<sup>th</sup> June to 6<sup>th</sup> July 2023.

### **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 23<sup>rd</sup> June to 6<sup>th</sup> July 2023.

Light to Moderate rain with thunderstorm and lightning is likely to occur at one or two places over district on 24 & 25 June 2023. Farmers are advised to take precautionary measures while grazing/herding the sheep, goat, cow on agriculture land for manuring purpose. Do not allow the animals to graze outside, standing near the trees or electric poles. Provide safe shelter for your livestock.

### **Weather Based Agro-Advisories: (Bhendi, Moringa & Animal Husbandry).**

#### **Bhendi Tomato:**

Prevailing weather condition is suitable for sowing Bhendi in raised beds for nursery seedlings.

Treat the seeds with *Trichoderma viride* @ 10g/kg or *Pseudomonas fluorescens* @ 10g/kg of seeds mixed with rice gruel and again with 400gm of *Azospirillum* using starch as adhesive.

Dry the seeds in the shade for 30 minutes.

Sow three seeds per hill at 30 cm apart and then thin to 2 plants per hill after 10 days.

#### **Moringa:**

The incidence of the Budworm is expected in Moringa.

This Larva bores into flower buds and causes shedding. Collect affected buds and destroy the flower and buds.

To control spray Neem oil @ 35ml + Sticky agent @ 10ml with 10litres of water.

#### **Animal Husbandry:**

Hemorrhagic Septicemia disease, which affects cattle, is most prevalent during the rainy season. Milch animals, especially buffaloes and crossbred cows, are more susceptible to this disease.

Infected animals develop severe fever, dysentery, and swelling in the lower mandible, head, neck, throat, and chest.

Germs of this disease survive longer in humid and waterlogged conditions.

As a precautionary measure to avoid this, it is necessary to consult a nearby veterinary doctor before the rainy season and vaccinate the cows.