
 <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>10/02/2024</b> to <b>14/02/2024</b>	
	Bulletin No:	<b>MSSRF/ DGL /012/ 2024</b>	Release Date :	<b>09/02/2024</b>	

<b>Significant past weather</b>	From <b>06/02/2024</b> to <b>08/02/2024</b>
	4 to 4
<b>Parameters</b>	<b>Past Weather</b>
Rainfall (mm)	0.0
Maximum Temperature (°C)	34-35
Minimum Temperature (°C)	21-22
Sky Condition (Octas)	2
Relative Humidity (%)	37-87
Wind Speed (kmph)	7-11

**Ensemble Weather Forecast**  
 until **08:30Hrs of 14-02-2024**

Parameters	10-02-2024	11-02-2024	12-02-2024	13-02-2024	14-02-2024
	Saturday	Sunday	Monday	Tuesday	Wednesday
Rainfall (mm)	0	0	0	0	1
Maximum Temperature (°C)	36	36	36	37	37
Minimum Temperature (°C)	22	22	23	22	23
Sky Condition (Octa)	4	2	0	2	3
Max. Relative Humidity (%)	90	90	90	90	100
Min. Relative Humidity (%)	40	40	40	50	40
Wind Speed (Kmph)	8	10	10	8	10
Wind Direction	NE	NE	NE	E	E

<b>SMS Advisory</b>	Chances of very light rain on 14 Feb. Maximum temperature would be in the range of 36°C to 37°C and the minimum temperature would be between 22°C-23°C. Mainly clear sky will appear for the next five days. Wind is expected with the speed of 8-10 Kmph from, Northeast & East directions.
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**General Advisory:**

Since very light rain is likely to occur at one or two places over the district on 14 Feb and dry weather is very likely to prevail over the district during 10<sup>th</sup> to 13<sup>th</sup> February, hence based on the soil moisture condition of the field, farmers can provide irrigation to their crops.

Mist is likely to prevail during the early morning hours, allow your cattle to graze only 2 hours after sunrise.

Wind with the speed of 8 to 10 kmphs 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.

## **Extended range Forecast for next week (9<sup>th</sup> Feb to 22<sup>nd</sup> February 2024):**

### **Rainfall:**

As per extended range predictions, below normal to near normal is likely over one or two places of the district from 9<sup>th</sup> Feb to 22<sup>nd</sup> February 2024.

### **Maximum Temperature:**

Maximum temperatures are likely to be normal to slightly above normal and are likely to be in the range of 28°C to 32°C, over the district from 9<sup>th</sup> Feb to 15<sup>th</sup> February 2024.

Maximum temperatures are likely to be normal to slightly above normal and are likely to be in the range of 30°C to 34°C, over the district from 16<sup>th</sup> Feb to 22<sup>nd</sup> February 2024.

### **Minimum Temperature:**

Minimum temperatures are likely to be slightly above normal and are likely to be in the range 16°C to 22°C over the district from 9<sup>th</sup> Feb to 15<sup>th</sup> February 2024.

Minimum temperatures are likely to be slightly above normal and are likely to be in the range 18°C to 22°C over the district from 16<sup>th</sup> Feb to 22<sup>nd</sup> February 2024.

## **Weather Based Agro-Advisories: (Onion, Snake gourd & Animal Husbandry).**

### **Onion:**

The incense of Botrytis leaf blight is noticed in Onion. The symptoms are seen on the foliage with hundreds of white specks.

The disease then spreads very rapidly and tops of the entire crop may be killed. Light infections do not affect yields but heavy infections cause major yield reductions.

To control spray Propineb70%WP @ 15gm + 10ml sticky agent with 10litres of water.

### **Snake gourd:**

To increase the number of female flowers in the cucurbits vine, Spray Ethrel @100 ppm (1 ml in 10 litre of water) four times, from 10 to 15 days after sowing at weekly intervals.

Ensure the availability of sufficient moisture in the field, before spraying.

### **Animal Husbandry:**

All the veterinary dispensaries in Tamil Nadu are providing regular vaccinations for RDVK for poultry every Saturday.

Farmers are advised to vaccinate and protect their birds from Ranikhet Disease.