
 <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>20/03/2024</b>	to	
	Bulletin No:	<b>MSSRF/ DGL /023/ 2024</b>	Release Date :	<b>19/03/2024</b>		

<b>Significant past weather</b>	<b>From</b>	<b>15/03/2024</b>	<b>to</b>	<b>18/03/2024</b>
		<b>4</b>		<b>4</b>
<b>Parameters</b>	<b>Past Weather</b>			
Rainfall (mm)	0.2			
Maximum Temperature (°C)	38-39			
Minimum Temperature (°C)	24-26			
Sky Condition (Octas)	3-4			
Relative Humidity (%)	34-85			
Wind Speed (kmph)	5-8			

**Ensemble Weather Forecast**  
 until **08:30Hrs of 24-03-2024**

<b>Parameters</b>	<b>20-03-2024</b>	<b>21-03-2024</b>	<b>22-03-2024</b>	<b>23-03-2024</b>	<b>24-03-2024</b>
	<b>Wednesday</b>	<b>Thursday</b>	<b>Friday</b>	<b>Saturday</b>	<b>Sunday</b>
Rainfall (mm)	0	1	8	1	0
Maximum Temperature (°C)	38	38	37	38	38
Minimum Temperature (°C)	25	25	24	25	25
Sky Condition (Octa)	3	5	5	4	3
Max. Relative Humidity (%)	80	84	85	78	76
Min. Relative Humidity (%)	40	44	46	42	40
Wind Speed (Kmph)	10	10	8	10	12
Wind Direction	E	E	E	NE	NE

<b>SMS Advisory</b>	Chances of Moderate rain on 22 Mar. Maximum temperature would be in the range of 37°C to 38°C and the minimum temperature would be between 24°C-25°C. Partly cloudy sky will appear for the next five days. Wind expected with the speed of 8-12 Kmph from, East & Northeast directions.
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**General Advisory:**

**Livestock:**

In order to overcome the fodder crisis during summer months, farmers are requested to allot 10 per cent of the irrigated land to fodder crops viz., Cumbu Napier Hybrid or any other fodder crops.

**Agriculture:**

Wind with the speed of 8 to 12 kmphis 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.

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

### **Maize:**

There is a chance of incense of Fall Armyworm in Maize fields. It spreads widely in the field. The larvae feed on the young growing shoots resulting in heavy shoot damage.

To control this install Pheromone trap @ 5-6 Nos per acre.

Also, Erect bird perches @ 10Nos.per acre.

Add Metarhizium Anisopliae or Beauveria Bassiana @ 70gms or 70ml per 10 litres of water with Jaggery @ 50gms and Sticky agent @ 10ml, stir well, remove the nozzle and spray the solution on the top of the shoot.

Or using the chemical method, spray the following insecticides Emamectin benzoate 5SG @10gm (Promactin) and Permethrin @ 25ml + 10ml Sticky agent with 10 litres of water, stir well and spray the solution on the top of the shoot during the non-rainy days.

### **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.

### **Animal Husbandry:**

Farmers are advised to prevent Chicks from Chick diarrhea disease, keep the diseased chick separately, and care.

Allow the Chicks to drink the medicated water for 5 days during morning and evening hours with a combination of 1 litre of water with 5 ml of Vimeral syrup. and 2gm Microzal powder or 2gm Bactrisol powder.