

 <b>MSSRF</b> <small>Science for Sustainable Development</small>	<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>Theni</b>	Forecast Period :	<b>20/03/2024</b> to <b>24/03/2024</b>	
	Bulletine No :	<b>MSSRF/ THN/ 023/ 2024</b>	Release Date :	<b>19/03/2024</b>	

Significant past weather	From	15/03/202	to	18/03/202
		4		4
Parameters	Past Weather			
Rainfall (mm)	0.0			
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** 08:30Hrs of **24-03-2024**  
until

Parameters	20-03-2024	21-03-2024	22-03-2024	23-03-2024	24-03-2024
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	0	0	3	0	0
Maximum Temperature (°C)	37	37	36	37	37
Minimum Temperature (°C)	24	24	23	24	24
Sky Condition (Octas)	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 light rain on 22 Mar. Maximum temperature would be in the range of 36°C to 37°C and the minimum temperature would be between 23°C-24°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: (Sugarcane, Banana & Animal Husbandry)**

**Sugarcane:**

The incidence of whiteflies and mites was noticed in Sugarcane. Farmers are advised to adopt the following management practices to reduce the damage.

1. Waterlogging should be avoided in the fields.
2. Detrashing should be done at grand growth phases during 5th and 7th month after planting.
3. Judicious application of nitrogenous fertilizers.

#### **Banana:**

Banana cultivating farmers are advised to earth up the soil at bi-monthly intervals, it will facilitate the better establishment of banana plants.

De-suckering should be done carefully at monthly intervals.

The dry and diseased leaves have to be removed and burned to control the spread of leaf spot diseases.

#### **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.