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

<b>Significant past weather</b>	From <b>06/02/202</b> <b>4</b>	to <b>08/02/202</b> <b>4</b>
<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**  
08:30Hrs of **14-02-2024**  
until

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	0
Maximum Temperature (°C)	27	27	27	28	28
Minimum Temperature (°C)	18	19	19	20	20
Sky Condition (Octas)	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	8	6	6	6
Wind Direction	NE	NE	NE	NE	NE

<b>SMS Advisory</b>	Dry weather will prevail for the next 5 days. Maximum temperature would be in the range of 27°C to 28°C and the minimum temperature would be between 18°C-20°C. Mainly clear sky will appear for the next five days. Wind is expected with the speed of 6-8 Kmph from, Northeast direction.
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**General Advisory:**

Since dry weather is forecasted for the next five days, 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.

**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: (Cotton, Sugarcane & Animal Husbandry)**

#### **Cotton:**

Chances of the incense of Alternaria leaf blight in Cotton. This disease may occur in all stages but is more severe during 45-60 days of plant growth.

Small pale to brown, irregular, or round spots may appear on the leaves. Sometimes stem lesions are also seen. In severe cases, the spots may appear on bracts and bolls.

Remove and destroy the infected plant residues.

Spray Copper oxychloride @ 2kg per hectare, immediately after the occurrence of the disease. Two to three sprays can be given at 15-day intervals

#### **Sugarcane:**

Micro-nutrient deficiency symptoms were noticed in sugarcane crops. To alleviate the micronutrient deficiency as well as to improve the yield of ratoon sugarcane, foliar spraying of Sugarcane booster @ 1kg/acre at the time of 45 days after planting and 1.5kg/acre at the time of 60 days after planting and @ 2kg/acre at the time of 75 days after planting is recommended. (Mix the booster with 200 litres of water along with the sticking agent).

#### **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.