
 MSSRF <small>Science for Sustainable Development</small>	AgroMet Advisory Bulletin (AAB) 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: amfu.kanniwadi@gmail.com Fax: 044 – 22541319				
	District :	Theni	Forecast Period :	14/02/2024 to 18/02/2024	
	Bulletine No :	MSSRF/ THN/ 013/ 2024	Release Date :	13/02/2024	

Significant past weather	From	09/02/202	to	12/02/202
		4		4
Parameters	Past Weather			
Rainfall (mm)	0.0			
Maximum Temperature (°C)	34-36			
Minimum Temperature (°C)	22-23			
Sky Condition (Octas)	2-3			
Relative Humidity (%)	43-88			
Wind Speed (kmph)	9-14			

Ensemble Weather Forecast 08:30Hrs of **18-02-2024**
 until

Parameters	14-02-2024	15-02-2024	16-02-2024	17-02-2024	18-02-2024
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	0	0	0	0	0
Maximum Temperature (°C)	30	30	29	30	30
Minimum Temperature (°C)	23	22	22	23	22
Sky Condition (Octas)	3	4	4	2	2
Max. Relative Humidity (%)	90	90	80	90	90
Min. Relative Humidity (%)	50	50	40	50	50
Wind Speed (Kmph)	8	10	8	8	8
Wind Direction	NE	NE	NE	NE	NE

SMS Advisory	Dry weather will prevail for the next 5 days. Maximum temperature would be in the range of 29°C to 30°C and the minimum temperature would be between 22°C-23°C. Partly cloudy sky will appear for the next five days. Wind is expected with the speed of 8-10 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.

Wind with the speed of 8 to 10 kmph is 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 (16th Feb to 22nd February 2024):

Rainfall:

As per extended range predictions, below normal to near normal is likely over one or two places of the district from 16th Feb to 22nd February 2024.

Maximum Temperature:

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 16th Feb to 22nd February 2024.

Minimum Temperature:

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 16th Feb to 22nd February 2024.

Weather Based Agro-Advisories: (Sugarcane, Mango & Animal Husbandry)

Sugarcane:

The incidence of White Grub is expected in Sugarcane. The symptoms initially appear on leaves, leaves get yellowing and wilting.

The entire crown gets dried, causing extensive damage to the roots and base of the shoot. Affected canes show lodging in the field.

To control spray, 25 ml of Fipronil 5%SC with 10 litres of Water

Mango:

It is important to control the flower and finches shedding in Mango crops. It is also essential to follow the yield-increasing practices in Mango.

To increase fruit retention, farmers are advised to spray, NAA @ 20ppm at the flowering stage.

If the trees do not flower, by that time, to induce the flowering, spray any one of the following, 0.5% Urea (5g/lit.) OR 1% Potassium Nitrate (10g/lit.).

Animal Husbandry:

Due to the prevailing weather conditions, there is a chance of infection of Anthrax in cattle. The symptoms are fever, severe diarrhoea and dysentery, respiration becomes rapid and shortly before death, the mucous membranes appear cyanotic.

The nasal discharge appears with blood stains or purulent.

Immediately contact the local veterinarian and vaccinate your animals once in a year.