


 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 :	06/04/2024 to 10/04/2024	
	Bulletine No :	MSSRF/ THN/ 028/ 2024	Release Date :	05/04/2024	

Significant past weather	From	02/04/2024	to	04/04/2024
		4		4
Parameters	Past Weather			
Rainfall (mm)	2.1			
Maximum Temperature (°C)	39			
Minimum Temperature (°C)	26-27			
Sky Condition (Octas)	3-5			
Relative Humidity (%)	38-77			
Wind Speed (kmph)	5-12			

Ensemble Weather Forecast 08:30Hrs of **10-04-2024**
until

Parameters	06-04-2024	07-04-2024	08-04-2024	09-04-2024	10-04-2024
	Saturday	Sunday	Monday	Tuesday	Wednesday
Rainfall (mm)	0	0	0	0	0
Maximum Temperature (°C)	33	33	32	32	33
Minimum Temperature (°C)	22	23	23	22	22
Sky Condition (Octas)	1	3	4	0	3
Max. Relative Humidity (%)	70	70	70	70	80
Min. Relative Humidity (%)	20	20	20	30	30
Wind Speed (Kmph)	8	8	6	8	6
Wind Direction	NE	SE	E	SE	SE

SMS Advisory	Dry weather will prevail for the next 5 days, Maximum temperature would be in the range of 32°C to 33°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 6-8 Kmph from, Northeast, Southeast & East directions.
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General Advisory:

Rainfall:

As per extended range predictions, there is possibility of generally below normal rainfall likely over the district during 05th to 11th April 2024.

As per extended range predictions, there is possibility of near normal to below normal rainfall likely over the district during 12th to 18th April 2024.

Maximum Temperature:

Maximum temperatures are likely to be above normal and are likely to be in the range of 38°C to 40°C, over the district from 05th to 11th April. 2024.

Maximum temperatures are likely to be slightly below normal and are likely to be in the range of 32°C to 36°C, over the district from 12th to 18th April 2024.

Minimum Temperature:

Minimum temperatures are likely to be slightly above normal and are likely to be in the range 20°C to 24°C over the district from 05th to 11th April 2024.

Minimum temperatures are likely to be slightly below normal and are likely to be in the range 20°C to 24°C over the district from 11th to 18th April 2024.

Livestock:

For livestock, the heat stress can be managed by spraying/ sprinkling water directly on the body of animals for a period of 1 to 5 minutes at an interval of 30-60 minutes. Cover the sides of the cow shed with wet gunny bags. Ensure the increased mineral supplementation to the animals during hot weather to meet the increased demand for minerals. The potassium-rich mineral mixture should be preferred for your cattle.

Agriculture:

Due to hot and humid conditions, discomfort weather is likely at isolated pockets over the district during next four days (06.04.2024 to 09.04.2024). Hence farmers are advised to plan their field activities during morning and evening hours and avoid working in the field during 12 noon to 4 Pm. Stay safe and take care. Drink adequate water.

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

Chilly:

The incidence of Muranai mites is expected in Chilly. The symptoms of damage are downward curling and crinkling of leaves, leaves with elongated petioles and stunted growth of the plant.

To control install 12 Nos. of blue colour sticky traps and 12 Nos. of yellow colour sticky traps per acre on the same pole and as per the height of plants.

Also spread 25 Kg of Neem cake powder or Neem Kernel powder per Acre.

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:

Considering the increase in temperature, provide TANUVAS smart mineral mixture @ 50grams per day per animal.

Also provide adequate hygiene drinking water to your animal, to withstand the prevailing hot conditions.