
 MSSRF Science for Sustainable Development	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 :	24/04/2024 to 28/04/2024	
	Bulletine No :	MSSRF/ THN/ 033/ 2024	Release Date :	23/04/2024	

Significant past weather	From	18/04/202	to	22/04/202
		4		4
Parameters	Past Weather			
Rainfall (mm)	0.5			
Maximum Temperature (°C)	39-41			
Minimum Temperature (°C)	27-28			
Sky Condition (Octas)	3-5			
Relative Humidity (%)	41-88			
Wind Speed (kmph)	7-11			

Ensemble Weather Forecast 08:30Hrs of **28-04-2024**
 until

Parameters	24-04-2024	25-04-2024	26-04-2024	27-04-2024	28-04-2024
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	1	1	0	0	0
Maximum Temperature (°C)	34	35	35	35	35
Minimum Temperature (°C)	24	24	24	25	25
Sky Condition (Octas)	4	5	3	2	4
Max. Relative Humidity (%)	80	80	80	80	80
Min. Relative Humidity (%)	20	20	20	20	30
Wind Speed (Kmph)	6	8	6	8	6
Wind Direction	E	E	E	SE	SE

SMS Advisory	Chances of very light rain on 24 & 25 Apr. Maximum temperature would be in the range of 34°C to 35°C and the minimum temperature would be between 24°C - 25°C. Partly cloudy sky will appear for the next five days. Wind is expected with the speed of 6-8 Kmph from, East & Southeast directions.
-------------------------------	---

General Advisory:

Owing to high maximum temperature and moderate wind, more moisture loss is expected and hence, more irrigation should be given to the standing crops.

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 five days (24.04.2024 to 28.04.2024). 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: (Sugarcane, Guava & Animal Husbandry)

Sugarcane:

Nutrients and growth regulators are now essential for sugarcane crops. Spray the TNAU sugarcane Booster at 45, 60 and 75 days after planting. Spray this booster at 1kg, 1.5kg and 2kg respectively with 200 litres of water and add the required quantity of sticking agent.

Guava:

The incense of Tea mosquito bug was noticed in Guava. The pest incidence was noticed on young leaves and fruits of Guava.

To manage this pest, farmers are advised to collect and destroy the damaged plant parts and do regular pruning.

Shade regulation facilitates proper penetration of sunlight inside the canopy which reduces the incidence of this pest.

Spray Neem oil @ 50ml and Pungam Oil @ 10ml with 10litres of water.

Animal Husbandry:

During the summer season, snails, germs and larvae found in the dry pond water can cause health damage to the cattle, so farmers are advised, not to allow their cattle to drink water from dry/dirty water ponds.