
 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 :	04/05/2024 to 08/05/2024	
	Bulletine No :	MSSRF/ THN/ 036/ 2024	Release Date :	03/05/2024	

Significant past weather	From	30/04/202 4	to	02/05/202 4
Parameters	Past Weather			
Rainfall (mm)	2.5			
Maximum Temperature (°C)	40-41			
Minimum Temperature (°C)	27-29			
Sky Condition (Octas)	3-4			
Relative Humidity (%)	34-64			
Wind Speed (kmph)	7-8			

Ensemble Weather Forecast

08:30Hrs of **08-05-2024**

until

Parameters	04-05-2024	05-05-2024	06-05-2024	07-05-2024	08-05-2024
	Saturday	Sunday	Monday	Tuesday	Wednesday
Rainfall (mm)	2	3	4	3	5
Maximum Temperature (°C)	36	36	35	35	36
Minimum Temperature (°C)	25	24	24	24	23
Sky Condition (Octas)	8	8	4	5	7
Max. Relative Humidity (%)	70	70	70	80	70
Min. Relative Humidity (%)	20	30	20	30	30
Wind Speed (Kmph)	6	8	8	8	4
Wind Direction	W	W	W	W	W

SMS Advisory	Chances of light rain during the next five days. Maximum temperature would be in the range of 35°C to 36°C and the minimum temperature would be between 23°C - 25°C. Generally cloudy sky will appear for the next five days. Wind is expected with the speed of 4-8 Kmph from, West direction.
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General Advisory:

Thunderstorms & lightning with light to Moderate rain are likely to occur at one or two places over the Tamilnadu during 04 to 08 May 2024. Gusty Wind with a speed of 30 to 40 kmph is expected for the same 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. Do not allow the animals to graze outside, standing near the trees, and don't tie the animals to electric poles. Provide safe shelter.

Weather Based Agro-Advisories: (Maize, Banana & Animal Husbandry)

Maize:

Spray maize maxim @ 3kg/acre with 200 litres of water with an adequate quantity of wetting agent at the stage of Tassel initiation and grain filling stages.

It improves grain filling, increases grain yield by up to 20 percent, and enhances drought tolerance capacity of the crop.

Banana:

To increase the yield in Bananas crop, farmers are advised to go with a foliar spray of Banana Shakthi @ 20 grams/litre of water along with lemon juice.

Spraying can be given during the 3rd, 5th and 7th months after planting.

Animal Husbandry:

Accommodation for laying hens in summer should be increased to 2 1/2 feet.

Give cold clean water 5 to 6 times.

The fodder tray should be kept clean.

Chickens should be provided with roaming accommodation without crisis.

If the top layer of the egg is found to be thin due to heat, vitamin D should be added to the feed.