
 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 :	09/09/2023 to 13/09/2023	
	Bulletine No :	MSSRF/ THN/ 072/ 2023	Release Date :	08/09/2023	

Significant past weather		From	05/09/2023	to	07/09/2023
Parameters		Past Weather			
Rainfall (mm)		3.8			
Maximum Temperature (°C)		32-35			
Minimum Temperature (°C)		25-26			
Sky Condition (Octas)		6-7			
Relative Humidity (%)		54-95			
Wind Speed (kmph)		8-13			

Ensemble Weather Forecast until 08:30Hrs of 13-09-2023

Parameters	09-09-2023	10-09-2023	11-09-2023	12-09-2023	13-09-2023
	Saturday	Sunday	Monday	Tuesday	Wednesday
Rainfall (mm)	24	25	2	2	3
Maximum Temperature (°C)	30	29	28	28	28
Minimum Temperature (°C)	21	20	19	19	19
Sky Condition (Octas)	8	8	7	5	8
Max. Relative Humidity (%)	70	70	70	70	70
Min. Relative Humidity (%)	40	50	40	40	40
Wind Speed (Kmph)	14	14	12	12	12
Wind Direction	W	W	W	W	W

SMS Advisory	Chances of Moderate rain 9, 10 Sep & light rain during 11, 12, 13 Sep. Maximum temperature would be in the range of 28°C to 30°C and the minimum temperature would be between 19°C - 21°C. Cloudy sky will appear for the next five days. Wind expected with the speed of 12-14 Kmph from, West direction.
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General Advisory:

Extended range Forecast for next week (08th – 21st Sep 2023):

Rainfall:

As per extended range predictions, there is possibility of slightly above normal rainfall likely over the district during 08th to 14th September 2023.

As per extended range predictions, there is possibility of near normal rainfall likely over the district during 15th to 21st September 2023.

Maximum Temperature:

Maximum temperatures is likely to be generally near normal and are likely to be in the range 26°C to 32°C over the plains of the district during next week. 08th to 21st September 2023.

Minimum Temperature:

Minimum temperatures are likely to be generally near normal and are likely to be in the range 18°C to 26°C over the district during next week 08th to 21st September 2023.

Heavy rain is likely to occur at one or two places over the district during 9 & 10 September 2023. Farmers are advised to act swiftly to repair the water channels, farm ponds and other water bodies to harvest the rain water. During these days farmers are advised to avoid irrigation, intercultural operations and application of plant protection measures to the standing crops, provide adequate drainage facilities in the fields to avoid water stagnation due to heavy rainfall, do not allow the animals to grazing outside, standing near the trees or electric poles & provide safe shelter.

Wind with the speed of 12 to 14 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.

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

Maize:

The application of micronutrients will rectify the nutrient deficiency in Maize Cultivation. Farmers who have planted maize recently can apply 5kg of Millet nutrient mixture or 10 Kg of ZnSo₄/acre.

Also, apply Farm Yard Manure along with 2kgs of Azospirillum and 2kgs of Phosphobacteria per acre.

Plant protection activities can be done, only on non-rainy days.

Cotton:

Using the moisture condition of the soil due to the recent rainfall, farmers are advised to apply micronutrients to rectify the nutrient deficiency in Cotton.

After 10 days of sowing, apply 5kg of Cotton nutrient mixture or 10 kg of MgSo₄/acre.

Also, mix Azospirillum @ 2kg/acre and Phosphobacteria @ 2kg/acre and apply it along with farm yard manure to get a good yield.

Plant protection activities can be done, only on non-rainy days.

Animal Husbandry:

Due to the prevailing weather, external parasites may attack your goats and sheep.

If symptoms are found, to protect your livestock from these external parasites, mix 2ml of Butox with one litre of water and apply the solution to the outer body of the sheep.

This medicine should not be used internally.