
	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 :	Madurai	Forecast Period :	07/10/2023 to 11/10/2023	
	Bulletine No :	MSSRF/ MDU / 080/ 2023	Release Date :	06/10/2023	

Significant past weather	From	03/10/2023	to	05/10/2023
Parameters	Past Weather			
Rainfall (mm)	2.6			
Maximum Temperature (°C)	35-39			
Minimum Temperature (°C)	25			
Sky Condition (Octas)	3-4			
Relative Humidity (%)	44-68			
Wind Speed (kmph)	4-12			

Ensemble Weather Forecast until 08:30Hrs of 11-10-2023

Parameters	07-10-2023	08-10-2023	09-10-2023	10-10-2023	11-10-2023
	Saturday	Sunday	Monday	Tuesday	Wednesday
Rainfall (mm)	10	5	45	45	40
Maximum Temperature (°C)	37	37	36	36	36
Minimum Temperature (°C)	24	24	23	23	23
Sky Condition (Octas)	6	6	8	8	8
Max. Relative Humidity (%)	70	70	70	78	78
Min. Relative Humidity (%)	64	64	64	60	60
Wind Speed (Kmph)	12	12	12	8	8
Wind Direction	S	S	S	SW	SW

SMS Advisory	Chances of Moderate rain on 7 Oct & Rather heavy rain during 9, 10, 11 Oct. Maximum temperature would be in the range of 36°C to 37°C and the minimum temperature would be between 23°C - 24°C. Cloudy sky will appear for the next five days. Wind expected with the speed of 8-12 Kmph from, South & Southwest directions.
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General Advisory:

Extended range Forecast for next week (06th – 19th Oct 2023):

Rainfall:

As per extended range predictions, there is possibility of below normal rainfall likely over the district during 06th to 12th October 2023.

As per extended range predictions, there is possibility of above normal rainfall likely over the district during 13rd to 19th October 2023.

Maximum Temperature:

Maximum temperatures is likely to be near normal to slightly above normal and are likely to be in the range 28°C to 32°C over the plains of the district during next week. 06th to 19th October 2023.

Minimum Temperature:

Minimum temperatures are likely to be near normal to above normal and are likely to be in the range 18°C to 24°C over the district during next week 06th to 12th October 2023.

Minimum temperatures are likely to be near normal and are likely to be in the range 18°C to 24°C over the district during next week 13rd to 19th October 2023.

Heavy rain is likely to occur at isolated places over the district on 9 & 10 October 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.

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

Paddy:

The incense of Grain discolouration is expected in paddy. The paddy grains may be infected by various organisms before or after harvesting causing discolouration, extent of which varies according to season and locality. Dark brown or black spots appear on the grains.

This disease is responsible for quantitative and qualitative losses of grains.

To control this, during the flowering stage, spray Propiconazole @ 200ml per acre, spray 2 times in 12-day intervals.

Groundnut:

The application of Gypsum is important for the Groundnut crop.

Apply gypsum @ 400 kg/ha by the side of the plants on the 40th to 45th day of sowing for irrigated crops and on the 40th to 75th day of sowing for rain-fed crops.

Apply gypsum, hoe and incorporate in the soil and then earth up.

Gypsum is effective in calcium and Sulphur-deficient soils.

Animal Husbandry:

Some amount of rain is received and rain is also expected for the coming days.

This situation is favourable for the development of Aflatoxin infection in the Corn kernels and Paddy Straw, which may affect the health of your cattle.

To save your cattle from infection, dry the corn kernels and paddy straw in sunlight before feeding.