
	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.kannivadi@gmail.com Fax: 044 – 22541319				
	District :	Madurai	Forecast Period :	09/09/2023 to 13/09/2023	
	Bulletine No :	MSSRF/ MDU / 072/ 2023	Release Date :	08/09/2023	

Significant past weather	From	05/09/2023	to	07/09/2023
Parameters	Past Weather			
Rainfall (mm)	0.0			
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)	2	2	2	2	3
Maximum Temperature (°C)	34	33	33	33	32
Minimum Temperature (°C)	24	23	23	22	22
Sky Condition (Octas)	8	7	7	5	8
Max. Relative Humidity (%)	70	70	70	70	70
Min. Relative Humidity (%)	40	50	40	40	40
Wind Speed (Kmph)	10	12	10	8	8
Wind Direction	W	W	W	W	W

SMS Advisory	Chances of light rain during 9, 10, 11, 12 & 13 Sep. Maximum temperature would be in the range of 32°C to 34°C and the minimum temperature would be between 22°C - 24°C. Generally cloudy sky will appear for the next five days. Wind expected with the speed of 8-12 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 014th 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.

Wind with the speed of 8 to 12 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.

Light to Moderate rain with thunderstorm & lightning is likely to occur at one or two places over district on 9th & 10th September 2023. Farmers are advised to take precautionary measures while grazing/herding the sheep, goat, cow on agriculture land for manuring purpose. Do not allow the animals to graze outside, standing near the trees or electric poles. Provide safe shelter for your livestock. . To safeguard your animals from lightning and thunderstorm, remove the metal bells tied to the necks of animals.

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

Brinjal:

The incense of Leaf spot disease is noticed in Brinjal. This disease normally occurs during the cloudy days of the monsoon period.

This can be controlled by spraying Dythene M45 @ 2g/litre for an interval of 15 days.

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

Paddy:

The incense of Bacterial Leaf Blight may be noticed in the paddy during the 3rd to 4th week of planting. The symptoms are seedling wilt. Lesions turn yellow to white as the disease advances.

To avoid this, treat the seeds with the bio-input Pseudomonas mixed with rice gruel.

Spray any one of the following, (starting from the initial appearance of the disease and another one at a fortnight interval) Neem oil 60 EC @ 3% (or) NSKE @ 5% (or) fresh cow dung extract @ 20% twice to control the sheath rot, sheath blight, grain discolouration and bacterial blight.

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.