
	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 :	15/05/2024 to 19/05/2024	
	Bulletine No :	MSSRF/ MDU / 039/ 2024	Release Date :	14/05/2024	

Significant past weather From 10/05/2024 to 13/05/2024 4	
Parameters	Past Weather
Rainfall (mm)	33.8
Maximum Temperature (°C)	39-40
Minimum Temperature (°C)	26-27
Sky Condition (Octas)	5-7
Relative Humidity (%)	54-84
Wind Speed (kmph)	6-11

Ensemble Weather Forecast 08:30Hrs
until of 15-05-2024

Parameters	15-05-2024	16-05-2024	17-05-2024	18-05-2024	19-05-2024
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	15	12	10	29	8
Maximum Temperature (°C)	38	37	35	34	33
Minimum Temperature (°C)	26	25	23	23	22
Sky Condition (Octas)	8	8	7	8	8
Max. Relative Humidity (%)	80	80	80	80	70
Min. Relative Humidity (%)	50	60	60	50	40
Wind Speed (Kmph)	8	4	4	6	6
Wind Direction	NE	NE	NE	S	SW

SMS Advisory	Chances of Moderate rain during 15, 16, 17, 18 & 19 May. Maximum temperature would be in the range of 33°C to 38°C and the minimum temperature would be between 22°C - 26°C. Cloudy sky will appear for the next five days. Wind is expected with the speed of 4-8 Kmph from, Northeast, South & Southwest directions.
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General Advisory:

Heavy rain is likely to occur at isolated places over the district on 18 May 2024. 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, inter-cultural 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.

Thunderstorms & lightning with light to Moderate rain are likely to occur at one or two places over the Tamilnadu during 15 to 19 May 2024. Gusty Wind with a speed of 30 to 50 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.

Rainfall occurred in a few places during the past few days, and rain is also forecasted for the coming days, farmers are advised to start summer plough work to increase the capacity of the soil to absorb the rainwater and by overturning the soil, the sharp rays of sun enters the soil and kills the eggs, larvae, and pupae of soil-borne insects and pests.

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

Sugarcane:

Top dressing with fertilizers will give good results in Sugarcane cultivation.

In the case of the lift irrigation belt, apply 225 kg of nitrogen and 112 ½ kg of K₂O per hectare in three equal splits during 30, 60 and 90 days.

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 per acre.

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

Animal Husbandry:

Provide B-Complex liquid supplementation through drinking water to poultry birds to combat heat stress.

Farmers are advised to reduce the number of birds in a unit area of poultry shed to overcome the heat stress.