
 MSSRF Science for Sustainable Development	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 :	08/05/2024 to 12/05/2024	
	Bulletine No :	MSSRF/ MDU / 037/ 2024	Release Date :	07/05/2024	

Significant past weather From 03/04/2024 to 06/05/2024 4	
Parameters	Past Weather
Rainfall (mm)	2.0
Maximum Temperature (°C)	40-42
Minimum Temperature (°C)	29
Sky Condition (Octas)	3-6
Relative Humidity (%)	38-77
Wind Speed (kmph)	7-13

Ensemble Weather Forecast 08:30Hrs
until of 12-05-2024

Parameters	08-05-2024	09-05-2024	10-05-2024	11-05-2024	12-05-2024
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	1	9	6	7	5
Maximum Temperature (°C)	42	40	39	39	38
Minimum Temperature (°C)	29	27	26	26	25
Sky Condition (Octas)	3	8	8	7	7
Max. Relative Humidity (%)	70	60	70	80	80
Min. Relative Humidity (%)	30	30	40	40	50
Wind Speed (Kmph)	10	8	10	10	10
Wind Direction	SE	SE	SE	SE	SE

SMS Advisory	Chances of light rain during 8, 10, 11, 12 May & Moderate rain on 9 May .Maximum temperature would be in the range of 38°C to 42°C and the minimum temperature would be between 25°C - 29°C. Generally cloudy sky will appear for the next five days. Wind is expected with the speed of 8-10 Kmph from, Southeast 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 on 08 & 09 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.

Agriculture:

Due to hot and humid conditions, discomfort weather is likely at isolated pockets over the district during next two days (08.05.2024 & 09.05.2024). Hence farmers are advised to plan their field

activities during morning and evening hours and avoid working in the field during 12 noon to 4 Pm. Stay safe and take care. Drink adequate water.

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

Paddy:

Before transplanting the paddy seedlings, the application of organic inputs in the field is essential for the Paddy crop.

Mix 2kg of Azospirillum per hectare and 2kg of Phosphobacteria per hectare or 4kg of Azophos inoculants with 25 kg FYM and 25 kg of sand.

Broadcast the mixture uniformly in the main field before transplanting.

Jasmine:

The incidence of Flower midge is expected in Jasmine.

At the beginning stage, affected buds turn into yellowish grey colour and buds become smaller in size with brown colour.

To control, spray Profenophos @ 30ml + Cartap hydrochloride @ 20gm + sticky agent @ 10ml with 10 litres of water.

Animal Husbandry:

Some amount of rainfall has been received during the recent 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 avoid this infection, check carefully and dry the Corn kernels and Paddy Straw before feeding.

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