



**Gramin Krishi Mausam Sewa**  
**District Level Agromet Advisory Bulletin**  
**M.S.Swaminathan Research Foundation (MSSRF)**  
 Taramani, Chennai



## Agromet Advisory Bulletin

Date : 19-05-2023

Weather Forecast of District MADURAI(Tamil Nadu) Issued On : 2023-05-19(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-05-20	2023-05-21	2023-05-22	2023-05-23	2023-05-24
Rainfall(mm)	0.0	0.0	4.0	0.0	0.0
Tmax(°C)	39.0	39.0	38.0	38.0	39.0
Tmin(°C)	27.0	27.0	25.0	26.0	27.0
RH-I(%)	70	70	70	70	70
RH-II(%)	50	50	50	50	50
Wind Speed(kmph)	6	6	6	6	6
Wind Direction(Degree)	270	270	290	250	250
Cloud Cover(Octa)	3	3	5	4	4

### Weather Summary/Alert:

Chances of light rain on 22 May. Maximum temperature would be in the range of 38°C to 39°C and the minimum temperature would be between 25°C - 27°C. Partly cloudy sky will appear for the next five days. Wind expected with the speed of 6 Kmph from West, Northwest & Southwest directions.

### General Advisory:

Extended range Forecast for next week (19th – 25th May 2023): Rainfall: As per extended range predictions, there is possibility of near normal to slightly above normal rainfall likely over the district during 19th to 25th May 2023. Maximum Temperature: Maximum temperatures is likely to be generally near normal and are likely to be in the range 30°C to 36°C over the plains of the district during next week. 19th to 25th May 2023. Minimum Temperature: Minimum temperatures are likely to be generally near normal and are likely to be in the range 20°C to 24°C over the district during next week 19th to 25th May 2023.

### SMS Advisory:

Chances of light rain on 22 May. Max temp 38°C- 39°C & Min temp -25°C- 27°C. Partly cloudy sky will appear for the next four days. Wind speed 6 kmph from W, NW & SW directions.

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	The application of Biofertilizer in Paddy will give good results. Raise Azolla as a dual crop by inoculating 250kg/ha 3 to 5 DAT and then incorporating it during weeding for the wet season crop. And broadcast 10kg of soil-based powdered BGA flakes at 10 DAT and maintain a thin film of water for multiplication.

### Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
BANANA	Farmers are requested to give a foliar spray of Banana Booster @ 5 grams per litre of water along with one small pocket of shampoo and extracted lemon juice, starting from the 3rd month after the plant to bunch formation stage in a monthly interval.

### Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	Heat stress can be managed by spraying/ sprinkling water directly on the body of animals for a period of 1 to 5 minutes at an interval of 30 minutes. Ensure adequate round-the-clock drinking water to animals, which should be provided under shade. Feeding should be practiced during the early morning, evening & night. Prefer grazing during early morning & late evening hours to avoid the scorching heat.

**Others (Soil / Land Preparation) Specific Advisory:**

Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Thunderstorms & lightning with light to Moderate rain are likely to occur at one or two places over the district on 20thMay 2023. 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.