



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



Agromet Advisory Bulletin

Date : 16-05-2023

Weather Forecast of District MADURAI(Tamil Nadu) Issued On : 2023-05-16(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-05-17	2023-05-18	2023-05-19	2023-05-20	2023-05-21
Rainfall(mm)	0.0	0.0	0.0	0.0	2.0
Tmax(°C)	40.0	41.0	40.0	40.0	40.0
Tmin(°C)	26.0	26.0	27.0	26.0	26.0
RH-I(%)	60	60	60	70	70
RH-II(%)	20	20	30	30	30
Wind Speed(kmph)	6	6	6	8	8
Wind Direction(Degree)	270	230	230	250	270
Cloud Cover(Octa)	6	4	4	4	4

Weather Summary/Alert:

Chances of light rain on 21 May. Maximum temperature would be in the range of 40°C to 41°C and the minimum temperature would be between 26°C - 27°C. Partly cloudy sky will appear for the next five days. Wind expected with the speed of 6-8 Kmph from Southwest & West directions.

General Advisory:

Extended range Forecast for next week (19th – 25th May 2023): Rainfall: As per extended range predictions, there is possibility of below normal to near 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 32°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 21 May. Max temp 40°C- 41°C & Min temp -26°C- 27°C. Partly cloudy sky will appear for the next four days. Wind speed 6-8 kmph from SW & W directions.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
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 ZnSo ₄ /acre. Also, apply Farm Yard Manure along with 2kgs of Azospirillum and 2kgs of Phosphobacteria per acre.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
CHILLI	Treat the chilly seeds with 100gm of Trichoderma viride and 100gm of Bacillus Subtilis for the seeds required for 1 Acre. It acts against damping off Die-back and fruit rot disease in chilly. Treating the chilly seeds with Azospirillum @ 2kg per acre will reduce the 25% Nitrogen need of the crop.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	Maximum temperature is likely to increase by 2 to 4degree Celsius above normal over the Tamilnadu for next three days. To protect your animal, ensure the increased mineral supplementation to the animals during hot weather to meet the increased demand of minerals. Potassium rich mineral mixture should be preferred for your cattle. Cover the sides of cow shed with wet gunny bags.

Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
CHICK	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.