



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



## Agromet Advisory Bulletin

Date : 07-02-2023

Weather Forecast of District MADURAI(Tamil Nadu) Issued On : 2023-02-07(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-02-08	2023-02-09	2023-02-10	2023-02-11	2023-02-12
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	33.0	33.0	33.0	34.0	34.0
Tmin(°C)	18.0	19.0	20.0	20.0	20.0
RH-I(%)	90	90	80	80	70
RH-II(%)	30	30	30	20	20
Wind Speed(kmph)	4.0	8.0	8.0	10.0	8.0
Wind Direction(Degree)	50	20	20	20	20
Cloud Cover(Octa)	5	3	3	2	2

### Weather Summary/Alert:

For the next five days, Maximum temperature would be in the range of 33°C to 34°C and the minimum temperature would be between 18°C - 20°C. Partly cloudy sky will appear for the next five days. Wind expected with the speed of 4 - 10 Kmph from Northeast direction.

### General Advisory:

Extended range Forecast for next week (10th – 16th Feb 2023): Rainfall: As per extended range predictions, there is possibility of slightly below normal to near normal rainfall likely over the district during 10th to 16th Feb 2023. Maximum Temperature: Maximum temperatures is likely to be generally near normal and are likely to be in the range 30°C to 34°C over the plains of the district during next week. 10th to 16th Feb 2023. Minimum Temperature: Minimum temperatures are likely to be generally near normal to above normal and are likely to be in the range 14°C to 24°C over the district during next week 10th to 16th Feb 2023. Since mainly dry weather is expected for the coming days. Maize & Cotton cultivators are advised to plan for harvest.

### SMS Advisory:

For the next five days, Max temp- 33°C-34°C & Min temp -18°C- 20°C. Partly cloudy sky for next 5 days. Wind speed 4-10 kmph from NE direction.

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
GROUNDNUT	The incidence of Gram pod borer is expected in the Groundnut crop. The larvae feed on the foliage and prefer flowers and buds, when tender leaf buds are eaten, symmetrical holes or cuttings can be seen upon the unfolding of leaflets. Install pheromone trap @ 5Nos./ha. Releasing of Trichogramma chilonis @ 1 lakh/ha, 40 days after sowing of groundnut can effectively check the pest. Or spray any one of the following insecticides Indoxacarb 14.5%SC @ 160ml /acre (0.5ml per litre) or Spinosad 45% SC @ 60ml per acre (0.5ml/litre) from flower bud formation at fortnight intervals.

### Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
GUAVA	The incidence of spiralling whitefly is expected in Guava. The symptoms of damage are nymphs and adults suck the sap from leaves. Due to honeydew secretion, the

Horticulture(Varieties)	Horticulture Specific Advisory
	sooty mould fungus is developed, yellowing and shedding of leaves. To control, place yellow sticky trap @ 12 Nos. per acre.

**Live Stock Specific Advisory:**

Live Stock(Varieties)	Live Stock Specific Advisory
COW	Control of snail-borne trematode infections in small ruminants and cattle • Snail-borne trematode infections such as amphistomosis and fasciolosis is very common in ruminants during the months of January, February, March and April, particularly among the young stock which goes for grazing to the areas where water bodies are located. The affected small ruminants will have severe watery foetid diarrhoea, anaemia, sub-mandibular oedema, and frequent drinking, besides recurrent bloat may occur in cattle. These fluke infections can be controlled by early diagnosis through faecal examination and treatment with appropriate dewormer. Animals should not be allowed for grazing near water bodies.