



District:

Madurai

Jointly released by

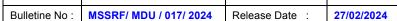
Regional Meteorology Centre, Chennai – India Meteorology Department, Reddiarchathram Seed Growers Association &

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Forecast Period:

28/02/2024





03/03/2024

Significant past weather	From	23/02/202	to	26/02/202 4
Parameters		Past Weather		
Rainfall (mm)			0.0	
Maximum Temperature (°C)			35-38	
Minimum Temperature (°C)			24-25	
Sky Condition (Octas)			3-4	
Relative Humidity (%)			46-85	
Wind Speed (kmph)			7-17	

Ensemble Weather Forecast 08:30Hrs 03-03-2024 until of

		29-02-		02-03-	03-03-
Parameters	28-02-2024	2024	01-03-2024	2024	2024
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	0	0	0	0	0
Maximum Temperature (°C)	35	35	36	36	36
Minimum Temperature (°C)	25	24	25	25	26
Sky Condition (Octas)	5	4	3	2	2
Max. Relative Humidity (%)	90	80	90	80	70
Min. Relative Humidity (%)	30	30	30	20	20
Wind Speed (Kmph)	14	12	12	8	8
Wind Direction	NE	NE	NE	NE	NE

SMS Advisory Dry weather will prevail for the next 5 days. Maximum temperature would be in the range of 35°C to 36°C and the minimum temperature would be between 24°C-26°C. Partly cloudy sky will appear for the next five days. Wind is expected with the speed of 8-14 Kmph from, Northeast directions.

General Advisory:

It is expected to raise temperature in the forthcoming days, so the soil moisture content may be reduced. Hence, the horticultural farmers are advised to take up mulching around the root basin of the crop with dried leaves, grass and other farm wastes to retain the soil moisture content.

During the summer season, both agricultural and vegetable crops grown for more than 30 to 45 days are prone to nutrient deficiency and pest attack.

To overcome this issue, mix 350ml of Panchakaviyam and 15ml of sticky agent in 10 litres of water and spray it twice at 15 days interval.

Wind with the speed of 8 to 14 kmphis expected for the next five 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. Postpone the spraying activity.

Extended range Forecast for next week (01st to 07th March 2024):

Rainfall:

As per extended range predictions, there is possibility of near normal rainfall likely over the district during 01st to 07th March 2024.

Maximum Temperature:

Maximum temperatures are likely to be slightly below normal and are likely to be in the range of 30°C to 34°C, over the district from 01st to 07th March 2024.

Minimum Temperature:

Minimum temperatures are likely to be normal to slightly above normal and are likely to be in the range 18°C to 22°C over the district from 01st to 07th March 2024.

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

Banana:

The incense of Cigar end rot disease is noticed in Banana. The infection, which occurs in the perianth, spreads to fingers causing blackening of the skin, shrinkage, and folding of the tissue's pathogen affecting even the immature fruits.

Warm and moist conditions favour the disease's occurrence.

The disease spread is high in old and badly maintained plantations.

By avoiding the overcrowding of plants, the plantations may have enough aeration.

The bunches can be sprayed with Copper oxychloride @ 250 gms/litre, along with a wetting agent @ 1ml per litre of spray fluid.

Spray the peduncle with 20ml of Tebucanozole per litre of water at the time of after-shoot emergence.

Paddy:

The incense of Bacterial Leaf Blight is noticed in Paddy fields. It infects the paddy after 3-4 weeks of planting.

In paddy, water-soaked to yellowish stripes on leaf blades or starting at leaf tips then later increase in length and width with a wavy margin, lesions are seedling wilt, turn yellow to white as the disease advances. If the cut end of the leaf is kept in water it becomes turbid because of bacterial ooze.

To control this spray Neem oil 60 EC 3% (or) NSKE 5% or fresh cow dung extract 20% twice (starting from the initial appearance of the disease and another at fortnightly intervals) is recommended for the control of sheath rot, sheath blight, grain discolouration and bacterial blight.

Animal Husbandry:

Control of snail-borne trematode infections in small ruminants and cattle • Snail-borne trematode infections such as Amphistomosis and Fasciolosis are 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 to graze near water bodies.