



Jointly released by

Regional Meteorology Centre, Chennai – India Meteorology Department, Reddiarchathram Seed Growers Association & M. S. Swaminathan Research Foundation, Kannivadi

District: Madurai Forecast Period: 27/12/2023 to 31/12/2023

Bulletine No: MSSRF/ MDU / 103/ 2023 Release Date : 26/12/2023



Significant past weather	From	22/12/202	to	25/12/202 3
Parameters		Past Weather		
Rainfall (mm)			2.0	
Maximum Temperature (°C)			31-32	
Minimum Temperature (°C)			21-22	
Sky Condition (Octas)			4-6	
Relative Humidity (%)			56-86	
Wind Speed (kmph)			6-9	

Ensemble Weather Forecast 08:30Hrs
until 06

		28-12-		30-12-	31-12-
Parameters	27-12-2023	2023	29-12-2023	2023	2023
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	0	2	4	5	4
Maximum Temperature (°C)	31	30	30	29	29
Minimum Temperature (°C)	22	21	21	20	20
Sky Condition (Octas)	5	7	8	8	7
Max. Relative Humidity (%)	100	90	90	90	90
Min. Relative Humidity (%)	60	70	70	70	70
Wind Speed (Kmph)	14	14	14	12	12
Wind Direction	NE	NE	NE	NE	NE

SMS Advisory Chances of light rain during 28, 29, 30 & 31 Dec. Maximum temperature would be in the range of 29°C to 31°C and the minimum temperature would be between 20°C - 22°C. Generally cloudy sky will appear for the next five days. Wind expected with the speed of 12-14 Kmph from, Northeast direction.

General Advisory:

Wind with the speed of 12 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.

Since cloudy sky with humid weather is prevailing, farmers are advised to use the Blue sticky trap to monitor the aphids, leaf miners and the yellow sticky trap to monitor the incidence of other sucking pests.

Weather Based Agro-Advisories: (Jasmine, Blackgram & Animal Husbandry).

Jasmine:

The infection of nematode seen in the Jasmine fields. Farmers are advised to test the soil for nematode infection.

As a symptom of infestation, the leaf turns into yellow colour and ultimately dries.

To control this, apply Paecilomyces lilacinus @ 4 Kg per acre near the root zone and then irrigate the field.

Blackgram:

Foliar spray of the micronutrient is important for the Blackgram crop.

Foliar spray of NAA 40mg/litre and Salicylic acid 100 mg/litre once at pre-flowering and another at 15 days later.

For rice fallow crops, foliar spray of DAP 20gm/litre once at flowering and another at 15 days later.

For irrigated and rain-fed crops, foliar spray of DAP 20gm/litre or Urea 20 gm/litre once at flowering and another at 15 days later.

Foliar spray of salicylic acid 100 mg/litre once at pre-flowering and another at 15 days later is recommended.

Animal Husbandry:

Due to the prevailing weather condition, cattle may get affected by Foot and mouth disease (FMD), Hence, farmers are advised to prevent your Cattle from FMD by vaccinating your cattle at the nearby veterinary dispensary during the month of January.