



Jointly released by

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



 District :
 Madurai
 Forecast Period :
 03/01/2024
 to
 07/01/2024

 Bulletine No :
 MSSRF/ MDU / 001/ 2024
 Release Date :
 02/01/2024



Significant past weather	From	29/12/202	to	01/01/202 4
Parameters		Past	Weatl	ner
Rainfall (mm)			2.4	
Maximum Temperature (°C)			31-32	
Minimum Temperature (°C)			23	
Sky Condition (Octas)			4-6	
Relative Humidity (%)			58-83	
Wind Speed (kmph)			5-9	

Ensemble Weather Forecast 08:30Hrs 07-01-2024 of

		04-01-		06-01-	07-01-
Parameters	03-01-2024	2024	05-01-2024	2024	2024
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	2	2	2	3	4
Maximum Temperature (°C)	32	31	31	29	29
Minimum Temperature (°C)	23	22	21	21	20
Sky Condition (Octas)	6	7	4	7	8
Max. Relative Humidity (%)	90	90	90	90	90
Min. Relative Humidity (%)	70	70	70	70	70
Wind Speed (Kmph)	10	10	8	8	10
Wind Direction	NE	NE	NE	NE	NE

SMS Advisory Chances of light rain during 3, 4, 5, 6 & 7 Jan. Maximum temperature would be in the range of 29°C to 32°C and the minimum temperature would be between 20°C-23°C. Generally cloudy sky will appear for the next five days. Wind expected with the speed of 8-10 Kmph from, Northeast directions.

General Advisory:

Since very less amount of rainfall is forecasted for next 5 days, Maize & Cotton cultivators are advised to plan for harvest

Wind with the speed of 8 to 10 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 humid weather is prevailing, farmers are advised to use the yellow sticky trap @ 10-15/acre to monitor the incidence of sucking pests and Blue sticky trap @ 5-10/acre to monitor the aphids and leaf miner.

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

Tomato:

The incidence of Thrips noticed in Tomato fields. The symptoms are silvery streaks on the leaf surface, Pre-mature dropping of flowers and bud necrosis.

Thrips are the vector of tomato spotted wilt virus.

To manage and control this, uproot the diseased plants and destroy them.

Fix yellow sticky traps @ 15 Nos./ha and

Spray Thiomethoxam @ 50gm/acre.

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:

As the night temperature is very low, keep the cattle safely in the sheds.

Tie the jute bags around the shed. Allow the cattle to graze 2 hours after sunrise.