
	<b>AgroMet Advisory Bulletin (AAB)</b> Jointly released by Regional Meteorology Centre, Chennai – India Meteorology Department, Reddiarchathram Seed Growers Association & M. S. Swaminathan Research Foundation, Kannivadi Phone no.: 044 - 22541229 E mail: <a href="mailto:amfu.kannivadi@gmail.com">amfu.kannivadi@gmail.com</a> Fax: 044 – 22541319				
	District :	<b>Madurai</b>	Forecast Period :	<b>20/03/2024</b> to <b>24/03/2024</b>	
	Bulletine No :	<b>MSSRF/ MDU / 023/ 2024</b>	Release Date :	<b>19/03/2024</b>	

Significant past weather	From	15/03/202	to	18/03/202
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Parameters	Past Weather			
Rainfall (mm)	0.0			
Maximum Temperature (°C)	38-39			
Minimum Temperature (°C)	24-26			
Sky Condition (Octas)	3-4			
Relative Humidity (%)	34-85			
Wind Speed (kmph)	5-8			

**Ensemble Weather Forecast 08:30Hrs**  
**until of 24-03-2024**

Parameters	20-03-2024	21-03-2024	22-03-2024	23-03-2024	24-03-2024
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	0	2	4	0	0
Maximum Temperature (°C)	38	38	37	38	38
Minimum Temperature (°C)	25	25	24	25	25
Sky Condition (Octas)	3	5	5	4	3
Max. Relative Humidity (%)	80	84	85	78	76
Min. Relative Humidity (%)	40	44	46	42	40
Wind Speed (Kmph)	10	10	8	10	12
Wind Direction	E	E	E	NE	NE

<b>SMS Advisory</b>	Chances of light rain on 21 & 22 Mar. Maximum temperature would be in the range of 37°C to 38°C and the minimum temperature would be between 24°C-25°C. Partly cloudy sky will appear for the next five days. Wind expected with the speed of 8-12 Kmph from, East & Northeast directions.
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### General Advisory:

#### **Livestock:**

In order to overcome the fodder crisis during summer months, farmers are requested to allot 10 per cent of the irrigated land to fodder crops viz., Cumbu Napier Hybrid or any other fodder crops.

#### **Agriculture:**

Wind with the speed of 8 to 12 kmphs 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.

## **Weather Based Agro-Advisories: (Coconut, Paddy, & Animal Husbandry).**

### **Coconut:**

The incidence of Leaf blight in Coconut. it causes serious damage to seedlings, leaves and nuts of adult palms. Generally, the adult leaves in the outer whorls are affected. The affected nuts were desiccated, shrunken, deformed and dropped prematurely resulting in nut yield loss of up to 10 to 25%.

The incidence will occur throughout the year and the maximum incidence will be observed during summer.

Remove and burn the severely affected leaves to avoid further spread.

To control apply 200g *Pseudomonas fluorescens* along with 50 kg of FYM + 5 kg of Neem cake /palm/year.

Spray 0.25% Copper oxychloride 2 times in 45-day intervals during summer months.

### **Paddy:**

The application of Bio-fertilizer in Paddy will give good results.

Raise Azola as a dual crop by inoculating 250kg/ha 3 to 5 DAT and then incorporating it during weeding for the wet season crop.

Broadcast 10kg of soil-based powdered BGA flakes at 10 DAT and maintain a thin film of water for multiplication.

### **Animal Husbandry:**

Farmers are advised to prevent Chicks from Chick diarrhea disease, keep the diseased chick separately, and care.

Allow the Chicks to drink the medicated water for 5 days during morning and evening hours with a combination of 1 litre of water with 5 ml of Vimeral syrup. and 2gm Microzal powder or 2gm Bactrisol powder.