

## AgroMet Advisory Bulletin (AAB)

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: amfu.kanniwadi@gmail.com Fax: 044 - 22541319					
District : Madurai		Forecast Period : 24/01/2024		to	28/01/2024
Bulletine No :	MSSRF/ MDU / 007/ 2024	Release Date :	23/01/2024		

Significant past weather	From	19/01/202 4	to	22/01/202 4		
Parameters		Past Weather				
Rainfall (mm)		3.7				
Maximum Temperature (°C)		32 - 34				
Minimum Temperature (°C)		18 - 23				
Sky Condition (Octas)		2 - 5				
Relative Humidity (%)		43 - 83				
Wind Speed (kmph)		7 - 11				

#### Ensemble Weather Forecast 08:30Hrs

#### 28-01-2024

until	of	20-01-2024			
		25-01-		27-01-	28-01-
Parameters	24-01-2024	2024	26-01-2024	2024	2024
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	0	0	0	0	0
Maximum Temperature (°C)	32	32	32	32	32
Minimum Temperature (°C)	23	23	24	24	24
Sky Condition (Octas)	0	4	1	1	7
Max. Relative Humidity (%)	90	90	90	90	90
Min. Relative Humidity (%)	50	50	40	40	40
Wind Speed (Kmph)	8	8	12	12	14
Wind Direction	NE	NE	NE	NE	NE

SMS	SMS Chances of light rain on 20 & 21 Jan. Maximum temperature would be in the range 32°C to 33°C and the minimum temperature would be between 22°C-23°C. P			
Advisory	cloudy sky will appear for the next five days. Wind expected with the speed of 8-10 Kmph from, Northeast direction.			

### **General Advisory:**

Dry weather is very likely to prevail over the district for the next 5 days, farmers can start crop protection activi based on the soil moisture condition of your field, provide irrigation to the vegetable crops. Mist is likely to pre during the early morning hours, allow your cattle to graze only 2 hours after sunrise.

# Extended range Forecast for next week (26<sup>th</sup> Jan-01<sup>st</sup> Feb 2024):

### **Rainfall:**

As per extended range predictions, generally, dry weather conditions are likely over the district from 24<sup>th</sup> Jan to 01<sup>st</sup> February 2024.

### **Maximum Temperature:**

Maximum temperatures are likely to be generally near normal and are likely to be in the range of 28°C to 32°C over the plains of the district during next week. 24<sup>th</sup> Jan to 01<sup>st</sup> February 2024.

#### Minimum Temperature:

Minimum temperatures are likely to be generally near normal and are likely to be in the range 16°C to 20°C over the district during next week 24<sup>th</sup> Jan to 01<sup>st</sup> February 2024.

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

#### Maize :

The prevalence of Stem flies is seen in Maize. The maggot feeds on the young growing shoots resulting in "dead hearts".

Set up the fish meal trap @ 12 Nos/ha till the crop is 30 days old.

Spray Chlorotraniprol @ 100ml per acre.

### Paddy :

The incidence of Green leafhoppers noticed in Paddy fields. It affects the leaves from tip to downwards and becomes yellow in colour, retarded vigorous and stunted growth, and drying up of the plant due to sucking up of the leaf are the other symptoms.

This can be controlled by spraying the solution of Pungam oil @ 60ml + Iluppai oil @ 60ml + Neem oil @ 60ml + Sticky agent @ 10ml (Khadi soap @ 10gms) with 10 litres of water and mixing well and spraying 2 times at 12 days interval.

Also, fix light traps in the field to attract and destroy the insects.

#### Animal Husbandry:

Due to the prevailing weather conditions, cattle may get affected by Foot and mouth disease (FMD),

Hence, farmers are advised to vaccinate their cattle in the nearby veterinary dispensary during this (January) month to protect the cattle from FMD.