

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 - 2										
	District :	Madurai		Forecast Period :	20/12/2023	to	24/12/2023			
	Bulletine No :	MSSRF/ MDU / 1	01/ 2023	Release Date :	19/12/2023					

Significant past weather F	rom 15/12/202 18/12/202 3 3 3			
Parameters	Past Weather			
Rainfall (mm)	29.5			
Maximum Temperature (°C)	30-33			
Minimum Temperature (°C)	23-25			
Sky Condition (Octas)	5-8			
Relative Humidity (%)	67-95			
Wind Speed (kmph)	6-14			

Ensemble Weather Forecast 08:30Hrs

24-12-2023

until	of	24-12-2023			
		21-12-		23-12-	24-12-
Parameters	20-12-2023	2023	22-12-2023	2023	2023
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	12	4	6	0	0
Maximum Temperature (°C)	25	24	23	24	24
Minimum Temperature (°C)	23	23	22	23	23
Sky Condition (Octas)	7	4	7	4	6
Max. Relative Humidity (%)	90	90	90	90	90
Min. Relative Humidity (%)	80	70	60	50	70
Wind Speed (Kmph)	12	10	10	10	12
Wind Direction	NE	NE	NE	NE	NE

SMS	Chances of Moderate rain on 20 Dec & light rain on 21, 22 Dec. Maximum temperature would be in the range of 23°C to 25°C and the minimum temperature			
Advisory	would be between 22°C - 23°C. Generally cloudy sky will appear for the next five days. Wind expected with the speed of 10-12 Kmph from, Northeast direction.			

General Advisory:

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.

Wind with the speed of 10 to 12 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 light to Moderate rainfall is expected for the next three days, farmers are advised to provide adequate drainage facilities to all crops fields.

Provide drainage facilities in the in Paddy and other fields to avoid water stagnation.

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

Banana:

The incidence of yellow Sigatoka disease is seen in Banana fields. The symptoms are slight discolouration between the leaf's secondary veins.

Over a while these points develop into pale yellow streaks, brown streaks and elliptic necrotic spots arranged parallel to the secondary veins. This disease spread rapidly.

To control this, add 10gms of Pseudomonas Fluorescence + 10gms of Bacillus Subtilis + 10 ml of Panchakavya + 5gms of Jaggery in one litre of water and spray it during the morning or evening hours.

Crop protection activities should be done only on non-rainy days.

Paddy:

The incense of Brown Spot disease is expected in Paddy. The disease appears first as minute brown dots later becoming cylindrical or oval to circular on leaves. Spots coalesce to form large patches leading to the leaf drying up.

Infection also occurs on the panicle and neck with a brown colour appearance.

To control spray Metominostrobin @ 500ml /acre.

Crop protection activities should be done only on non-rainy days.

Animal Husbandry:

Due to the prevailing cold weather conditions, cattle rearers are advised to allow the cattle to graze only after 2 hours of sunrise.

Cover the cow shed with gunny bags, and keep the floor in dry condition.

Dry fodder and greens should be fed without moisture to avoid fungal infection.