
 MSSRF Science for Sustainable Development	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.kannivadi@gmail.com Fax: 044 – 22541319					
	District :	Dindigul	Forecast Period :	04/05/2024	to	
	Bulletin No:	MSSRF/ DGL /036/ 2024	Release Date :	03/05/2024		

Significant past weather	From	30/04/2024	to	02/05/2024
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Parameters	Past Weather			
Rainfall (mm)	5.4			
Maximum Temperature (°C)	40-41			
Minimum Temperature (°C)	27-29			
Sky Condition (Octas)	3-4			
Relative Humidity (%)	34-64			
Wind Speed (kmph)	7-8			

Ensemble Weather Forecast
 until **08:30Hrs of 08-05-2024**

Parameters	04-05-2024	05-05-2024	06-05-2024	07-05-2024	08-05-2024
	Saturday	Sunday	Monday	Tuesday	Wednesday
Rainfall (mm)	1	2	4	3	9
Maximum Temperature (°C)	42	41	40	40	38
Minimum Temperature (°C)	29	28	27	27	27
Sky Condition (Octa)	8	8	6	4	8
Max. Relative Humidity (%)	70	60	60	70	70
Min. Relative Humidity (%)	20	30	30	30	30
Wind Speed (Kmph)	6	6	6	8	8
Wind Direction	SW	NW	SE	NW	W

SMS Advisory	Chances of light rain on 6, 7 May & Moderate rain on 8 May. Maximum temperature would be in the range of 38°C to 42°C and the minimum temperature would be between 27°C - 29°C. Cloudy sky will appear for the next five days. Wind is expected with the speed of 6-8 Kmph from, Southwest, Northwest, Southeast & West directions.
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General Advisory:

Thunderstorms & lightning with light to Moderate rain are likely to occur at one or two places over the Tamilnadu during 04 to 08 May 2024. Gusty Wind with a speed of 30 to 40 kmph is expected for the same 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. Do not allow the animals to graze outside, standing near the trees, and don't tie the animals to electric poles. Provide safe shelter.

Weather Based Agro-Advisories: (Bhendi, Marigold & Animal Husbandry).

Bhendi:

The incidence of Shoot and fruit borer were seen in Bhendi. Damages cause the terminal shoots to wither and droop, shedding buds and flowers, bore holes in fruits and feed, and deformed fruits.

To manage this, collect and destroy the affected buds, flowers, and fruits.

Setup pheromone trap @ 12 Nos. per hac.

To control spray 5 ml of Azadiractin or 500ml of Neem extract concentrate with 10 litres of water.

Marigold:

Red spiders may be widely seen in the Chendumalli (Marigold) flower crop.

These insects absorb sap from the leaves and flowers of the plants. During a severe infestation, the flowers dry up.

To control this, spray Propargite 57% EC @ 1 ½ ml per litre of water.

Animal Husbandry:

Accommodation for laying hens in summer should be increased to 2 1/2 feet.

Give cold clean water 5 to 6 times.

The fodder tray should be kept clean.

Chickens should be provided with roaming accommodation without crisis.

If the top layer of the egg is found to be thin due to heat, vitamin D should be added to the feed.