
 <b>MSSRF</b> Science for Sustainable Development	<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>Dindigul</b>	Forecast Period :	<b>15/05/2024</b>	to	
	Bulletin No:	<b>MSSRF/ DGL /039/ 2024</b>	Release Date :	<b>14/05/2024</b>		

<b>Significant past weather</b>	From	<b>10/05/2024</b>	to	<b>13/05/2024</b>
		<b>4</b>		<b>4</b>
<b>Parameters</b>	<b>Past Weather</b>			
Rainfall (mm)	20.8			
Maximum Temperature (°C)	39-40			
Minimum Temperature (°C)	26-27			
Sky Condition (Octas)	5-7			
Relative Humidity (%)	54-84			
Wind Speed (kmph)	6-11			

**Ensemble Weather Forecast**  
until **08:30Hrs of 19-05-2024**

<b>Parameters</b>	<b>15-05-2024</b>	<b>16-05-2024</b>	<b>17-05-2024</b>	<b>18-05-2024</b>	<b>19-05-2024</b>
	<b>Wednesday</b>	<b>Thursday</b>	<b>Friday</b>	<b>Saturday</b>	<b>Sunday</b>
Rainfall (mm)	28	30	27	34	14
Maximum Temperature (°C)	38	36	35	34	33
Minimum Temperature (°C)	26	24	23	23	22
Sky Condition (Octa)	8	8	7	8	8
Max. Relative Humidity (%)	80	80	80	80	70
Min. Relative Humidity (%)	50	60	60	50	40
Wind Speed (Kmph)	6	6	4	6	6
Wind Direction	NE	SE	W	SW	W

<b>SMS Advisory</b>	Chances of Moderate rain during 15, 16, 17, 18 & 19 May. Maximum temperature would be in the range of 33°C to 38°C and the minimum temperature would be between 22°C - 26°C. Cloudy sky will appear for the next five days. Wind is expected with the speed of 4-6 Kmph from, Northeast, Southeast, West & Southwest directions.
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**General Advisory:**

Heavy rain is likely to occur at isolated places over the district during 15, 16, 17 & 18 May 2024. Farmers are advised to act swiftly to repair the water channels, farm ponds and other water bodies to harvest the rain water. During these days farmers are advised to avoid irrigation, inter-cultural operations and application of plant protection measures to the standing crops, provide adequate drainage facilities in the fields to avoid water stagnation due to heavy rainfall, do not allow the animals to grazing outside, standing near the trees or electric poles & provide safe shelter.

Thunderstorms & lightning with light to Moderate rain are likely to occur at one or two places over the Tamilnadu during 15 to 19 May 2024. Gusty Wind with a speed of 30 to 50 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

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.

Rainfall occurred in a few places during the past few days, and rain is also forecasted for the coming days, farmers are advised to start summer plough work to increase the capacity of the soil to absorb the rainwater and by overturning the soil, the sharp rays of sun enters the soil and kills the eggs, larvae, and pupae of soil-borne insects and pests.

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

##### **Maize:**

The incidence of Corn worms is expected in Maize. The symptoms appear on grains and Larva feeds on silk and developing grains.

To manage this, set up pheromone traps @ 12Nos./hectare.

Also, set up a light trap @ 1No./acre in the field to attract and kill the moths and insects.

Mix Pungam Oil @ 50ml + Iluppai Oil @ 50ml + Neem Oil @ 50ml + Sticky agent @ 10ml with 10 litres of water and spray 2 times at 12-day intervals.

##### **Moringa:**

The incidence of Pod flies is noticed in Moringa. The symptoms are drying and splitting of fruits from the tip and oozing of gummy exudate from fruit.

Collect and destroy all the fallen and damaged fruits.

Use attractants like citronella oil, eucalyptus oil, vinegar (Acetic acid), dextrose or lactic acid.

To control this using the biological method, set up pheromone traps at 7Nos./Acre.

Spray insecticides like Nimbecidine @ 3ml/litre at the time of 50% fruit set and 35 days later. Spraying should be done only on non-rainy days.

##### **Animal Husbandry:**

Provide B-Complex liquid supplementation through drinking water to poultry birds to combat heat stress.

Farmers are advised to reduce the number of birds in a unit area of poultry shed to overcome the heat stress.