
 <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>08/05/2024</b>	to	
	Bulletin No:	<b>MSSRF/ DGL /037/ 2024</b>	Release Date :	<b>07/05/2024</b>		

<b>Significant past weather</b>	From <b>03/05/2024</b> to <b>06/05/2024</b>
	4 to 4
<b>Parameters</b>	<b>Past Weather</b>
Rainfall (mm)	13.3
Maximum Temperature (°C)	40-42
Minimum Temperature (°C)	29
Sky Condition (Octas)	3-6
Relative Humidity (%)	38-77
Wind Speed (kmph)	7-13

**Ensemble Weather Forecast**  
until **08:30Hrs of 12-05-2024**

Parameters	08-05-2024	09-05-2024	10-05-2024	11-05-2024	12-05-2024
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	5	28	32	7	7
Maximum Temperature (°C)	41	40	38	38	38
Minimum Temperature (°C)	29	28	26	26	25
Sky Condition (Octa)	3	8	8	7	7
Max. Relative Humidity (%)	70	60	70	80	80
Min. Relative Humidity (%)	30	30	40	40	50
Wind Speed (Kmph)	8	6	8	8	6
Wind Direction	NW	SE	SE	SE	S

<b>SMS Advisory</b>	Chances of light rain during 8, 11, 12 May & Moderate rain on 9, 10 May. Maximum temperature would be in the range of 38°C to 41°C and the minimum temperature would be between 25°C - 29°C. Generally cloudy sky will appear for the next five days. Wind is expected with the speed of 6-8 Kmph from, Northwest, Southeast & South directions.
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**General Advisory:**

Heavy rain is likely to occur at isolated places over the district on 8 & 9 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 graze 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 on 08 & 09 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

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.

### **Agriculture:**

Due to hot and humid conditions, discomfort weather is likely at isolated pockets over the district during next two days (08.05.2024 & 09.05.2024). Hence farmers are advised to plan their field activities during morning and evening hours and avoid working in the field during 12 noon to 4 Pm. Stay safe and take care. Drink adequate water.

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

#### **Guava:**

Micronutrient deficiency is noticed in Guava fruit crops, due to this, the leaves become smaller, the spacing between the nodes decreases, the plants look like shrubs, the leaves turn pale and the edges look wilted.

The spraying of micronutrients controls the bronzing of leaves. A combined spray should be given containing ZnSo<sub>4</sub>, MgSo<sub>4</sub>, MnSo<sub>4</sub> @ 25gms, Borax @ 50gms and CuSO<sub>4</sub> and FeSO<sub>4</sub> @ 25grams with sticky agent @ 10ml per 10 litres of water.

Spray four times, once when new shoots appear and second, a month later, third and fourth times during the flowering and fruiting stages.

#### **Moringa:**

At this growth stage, weed management and aftercare are important in the Annual Moringa crop.

Up to 2 months after planting, it is necessary to follow weed management practices and clean the Moringa field without weeds.

Pinch the terminal bud on the central leader stem when it attains a height of 1 to 2 metres. This will promote the growth of many lateral branches leading to more flowering and fruits. Also, the harvesting will be made easy as the tender pods and leaves will be in comfortable reach.

#### **Animal Husbandry:**

Some amount of rainfall has been received during the recent days. This situation is favourable for the development of Aflatoxin infection in the Corn kernels and Paddy Straw, which may affect the health of your cattle.

To avoid this infection, check carefully and dry the Corn kernels and Paddy Straw before feeding.