
 <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>Pudukkottai</b>	Forecast Period :	<b>04/05/2024</b>	to	
	Bulletin No:	<b>MSSRF/ PDK /036/ 2024</b>	Release Date :	<b>03/05/2024</b>		

<b>Significant past weather</b>	From <b>30/04/2024</b> to <b>02/05/2024</b>
	4 to 4
<b>Parameters</b>	<b>Past Weather</b>
Rainfall (mm)	0.0
Maximum Temperature (°C)	40-43
Minimum Temperature (°C)	28-30
Sky Condition (Octas)	4-6
Relative Humidity (%)	36-73
Wind Speed (kmph)	8-17

**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)	0	0	0	0	2
Maximum Temperature (°C)	43	43	42	43	42
Minimum Temperature (°C)	29	29	28	28	27
Sky Condition (Octa)	6	5	7	3	8
Max. Relative Humidity (%)	70	60	70	70	70
Min. Relative Humidity (%)	20	20	20	20	20
Wind Speed (Kmph)	16	14	20	14	14
Wind Direction	S	S	SE	SE	SE

<b>SMS Advisory</b>	Chances of light rain on 8 May. Maximum temperature would be in the range of 42°C to 43°C and the minimum temperature would be between 27°C - 29°C. Generally cloudy sky will appear for the next five days. Wind is expected with the speed of 14-20 Kmph from, South & Southeast 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.

Wind with the speed of 14 to 20 kmphs 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

## **Weather Based Agro-Advisories: (Tomato, Cluster beans & Animal Husbandry).**

### **Tomato:**

The incidence of Pinworm is noticed in Tomato. The symptoms are found in the mining of leaves, stems, and pinholes on fruits.

To manage this collect and destroy the pinworm affected plants & fruits.

To control, keep pheromone traps @ 6 nos./acre and spray Flubendiamide 20% WG @ 25 ml or Azadirachtin 1% or 5% @ 1litre/ac.

### **Cluster beans:**

The occurrence of Aphids is noticed in Cluster beans. Nymphs and adults suck the sap of leaves. It leads to leaf wilting, and flower dropping, and the growth of the plants is also hindered.

To control, spray Acephate @ 40gm + sticky agent @ 10ml with 10litres 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.