
 <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>10/07/2024</b>	to	
	Bulletin No:	<b>MSSRF/ PDK /055/ 2024</b>	Release Date :	<b>09/07/2024</b>		

<b>Significant past weather</b>	From	<b>05/07/2024</b>	to	<b>08/07/2024</b>
		<b>4</b>		<b>4</b>
<b>Parameters</b>	<b>Past Weather</b>			
Rainfall (mm)	8.9			
Maximum Temperature (°C)	36-39			
Minimum Temperature (°C)	27-28			
Sky Condition (Octas)	6-7			
Relative Humidity (%)	47-70			
Wind Speed (kmph)	20-25			

**Ensemble Weather Forecast**  
until **08:30Hrs of 14-07-2024**

<b>Parameters</b>	<b>10-07-2024</b>	<b>11-07-2024</b>	<b>12-07-2024</b>	<b>13-07-2024</b>	<b>14-07-2024</b>
	<b>Wednesday</b>	<b>Thursday</b>	<b>Friday</b>	<b>Saturday</b>	<b>Sunday</b>
Rainfall (mm)	2	1	1	7	2
Maximum Temperature (°C)	35	36	37	36	35
Minimum Temperature (°C)	26	26	27	26	26
Sky Condition (Octa)	7	6	5	8	8
Max. Relative Humidity (%)	60	60	70	80	70
Min. Relative Humidity (%)	30	30	30	50	40
Wind Speed (Kmph)	12	10	10	12	8
Wind Direction	SW	SW	W	SW	W

<b>SMS Advisory</b>	Chances of light rain during 10, 13 & 14 July. Maximum temperature would be in the range of 35°C to 37°C and the minimum temperature would be between 26°C - 27°C. Generally cloudy sky will appear for the next five days. Wind is expected with the speed of 8-12 Kmph from, Southwest & West directions.
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**General Advisory:**

**Extended range Forecast for next week (12<sup>th</sup> to 18<sup>th</sup> July 2024):**

**Rainfall:**

As per extended range predictions, there is possibility of generally normal rainfall likely over the district during 12<sup>th</sup> to 18<sup>th</sup> July 2024.

**Maximum Temperature:**

Maximum temperatures are likely to be near normal and are likely to be in the range 32°C to 36°C over the plains of the district during next week. 12<sup>th</sup> to 18<sup>th</sup> July 2024.

**Minimum Temperature:**

Minimum temperatures are likely to be near normal and are likely to be in the range 24°C to 28°C

### **Agriculture:**

During Aadi pattam (July-August), farmers can soak seed in one percent potassium chloride solution for 6 hours one day before sowing of quality seeds and leave it to dry for 16 hours in the shade before sowing.

Through this seed hardening treatment, the young seedlings get uniform germination capacity and growth.

Also the seedlings emerge and develop into active seedlings.

### **Weather Based Agro-Advisories: (Jasmine, Brinjal & Animal Husbandry)**

#### **Jasmine:**

The incense of Collar and Root Rot disease is expected in Jasmine. Plants at all stages are infected by this disease.

The symptoms are, initially, the older leaves become yellow followed by younger leaves and finally, the plant will die. Black discolouration can be seen on the root part.

To control this, remove and destroy the affected plant from the field.

Soil drenching of Copper Oxychloride @ 2 ½ gm per litre of water per plant is recommended.

#### **Brinjal:**

Due to the current weather, the incidence of spotted beetles is noticed in the Brinjal crop. The symptoms of damage are found in leaves. The beetles are scrapping of chlorophyll.

It leads to skeletonizing and drying of leaves.

To control collect the damaged leaves with grubs, and egg masses and destroy them.

Spray Cartap hydrochloride @ 35gm per tank.

#### **Animal Husbandry:**

Due to the prevailing weather condition, there are chances for infection of external parasites in goats and sheep.

To remove and control the parasites, Mix 2ml of Butox in one litre of water and apply this Butox solution externally on your sheep & goats.

This solution is only for external use not for internal purposes.