
 <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>29/06/2024</b>	to	
	Bulletin No:	<b>MSSRF/ PDK /052/ 2024</b>	Release Date :	<b>28/06/2024</b>		

<b>Significant past weather</b>	From	<b>25/06/2024</b>	to	<b>27/06/2024</b>
		<b>4</b>		<b>4</b>
<b>Parameters</b>	<b>Past Weather</b>			
Rainfall (mm)	0.0			
Maximum Temperature (°C)	34-36			
Minimum Temperature (°C)	27-28			
Sky Condition (Octas)	7			
Relative Humidity (%)	54-74			
Wind Speed (kmph)	17-23			

**Ensemble Weather Forecast**  
until **08:30Hrs of 03-07-2024**

<b>Parameters</b>	<b>29-06-2024</b>	<b>30-06-2024</b>	<b>01-07-2024</b>	<b>02-07-2024</b>	<b>03-07-2024</b>
	<b>Saturday</b>	<b>Sunday</b>	<b>Monday</b>	<b>Tuesday</b>	<b>Wednesday</b>
Rainfall (mm)	0	0	3	4	3
Maximum Temperature (°C)	31	32	33	33	33
Minimum Temperature (°C)	26	27	27	27	26
Sky Condition (Octa)	4	6	6	7	7
Max. Relative Humidity (%)	70	60	60	70	70
Min. Relative Humidity (%)	30	30	40	30	30
Wind Speed (Kmph)	12	12	10	8	8
Wind Direction	S	S	S	SW	S

<b>SMS Advisory</b>	Chances of light rain during 1, 2 & 3 July. Maximum temperature would be in the range of 31°C to 33°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, South & Southwest directions.
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**General Advisory:**

**Extended range Forecast for next week (28<sup>th</sup> June to 11<sup>th</sup> July 2024):**

**Rainfall:**

As per extended range predictions, there is possibility of below normal rainfall likely over the district during 28<sup>th</sup> June to 04<sup>th</sup> July 2024.

As per extended range predictions, there is possibility of slightly above normal rainfall likely over the district during 5<sup>th</sup> to 11<sup>th</sup> July 2024.

**Maximum Temperature:**

Maximum temperatures are likely to be near normal and are likely to be in the range 26°C to

Maximum temperatures are likely to be generally normal and are likely to be in the range 26°C to 32°C over the plains of the district during next week. 5<sup>th</sup> to 11<sup>th</sup> July 2024.

### **Minimum Temperature:**

Minimum temperatures are likely to be near normal and are likely to be in the range 20°C to 24°C over the district during next week 28<sup>th</sup> June to 11<sup>th</sup> July 2024.

### **Weather Based Agro-Advisories: (Groundnut, Coconut & Animal Husbandry)**

#### **Groundnut:**

Due to the prevailing weather condition the infestation of early leaf spot is expected in Groundnut crop. Infection starts about a month after sowing. Small chlorotic spots appear on leaflets, with time they enlarge and turn brown to black and assume sub circular shape on upper leaf surface. Light brown colouration is seen on lower surface of leaves. Lesions also appear on petioles, stems, stipules.

To control, spray Chlorothalonil @ 2gm per litre of water.

#### **Coconut:**

The incidence of Rhinoceros beetles is noticed in the Coconut field. To manage this, farmers are advised to remove and burn all dead coconut trees in the garden to maintain good sanitation and collect and destroy the various bio-stages of the beetle from the manure pits whenever manure is lifted from the pits.

Set up light traps following the first rains in summer and the monsoon period to attract and kill adult beetles.

Set up pheromone trap @ 5 traps/ha to trap and kill the beetles.

Application of green muscardine fungus, *Metarhizium anisopliae* @ 250 ml + 750 ml water in manure pits to check the perpetuation of the pest.

Soak castor cake at 1 kg in 5 litres of water in small mud pots and keep them in the coconut gardens to attract and kill the adults.

Apply the mixture of neem seed powder + sand (1: 2) @ 150g per palm in the base of the 3 innermost leaves in the crown.

#### **Animal Husbandry:**

Due to the prevailing weather condition, Enterotoxaemia disease may affect the Goats. The main symptom of the disease causes sudden death in young growing kids. Mucous diarrhoea may also be seen during death.

To prevent this disease, do not feed on young grass, allow the goat for grazing one hour after the sunshine. Immediately contact the nearest veterinary clinic and vaccinate your animals.