
 <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>Ramanathapuram</b>	Forecast Period :	<b>19/06/2024</b> to <b>23/06/2024</b>	
	Bulletin No:	<b>MSSRF/ RMD /049/ 2024</b>	Release Date :	<b>18/06/2024</b>	

Significant past weather	From	14/06/2024	to	17/06/2024
		4		4
Parameters	Past Weather			
Rainfall (mm)	0.0			
Maximum Temperature (°C)	34-36			
Minimum Temperature (°C)	26			
Sky Condition (Octas)	3-6			
Relative Humidity (%)	67-79			
Wind Speed (kmph)	6-13			

**Ensemble Weather Forecast**  
until **08:30Hrs of 23-06-2024**

Parameters	19-06-2024	20-06-2024	21-06-2024	22-06-2024	23-06-2024
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	2	2	0	0	0
Maximum Temperature (°C)	35	36	36	37	36
Minimum Temperature (°C)	26	26	25	25	25
Sky Condition (Octa)	8	7	7	6	7
Max. Relative Humidity (%)	70	60	60	60	60
Min. Relative Humidity (%)	50	40	40	40	50
Wind Speed (Kmph)	28	26	26	28	26
Wind Direction	SW	SW	SW	SW	SW

<b>SMS Advisory</b>	Chances of very light rain on 19 & 20 June .Maximum temperature would be in the range of 35°C to 37°C and the minimum temperature would be between 25°C - 26°C. Generally cloudy sky will appear for the next five days. Wind is expected with the speed of 26-28 Kmph from, Southwest direction.
---------------------	---

**General Advisory:**

**Extended range Forecast for next week (21<sup>st</sup> to 27<sup>th</sup> June 2024):**

**Rainfall:**

As per extended range predictions, there is possibility of below normal rainfall likely over the district during 21<sup>st</sup> to 27<sup>th</sup> June 2024.

**Maximum Temperature:**

Maximum temperatures are likely to be near normal to slightly above normal and are likely to be in the range 34°C to 38°C over the plains of the district during next week. 21<sup>st</sup> to 27<sup>th</sup> June 2024.

**Minimum Temperature:**

Minimum temperatures are likely to be near normal to slightly above normal and are likely to be

Wind with the speed of 26 to 28 kmph is 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 for damages in the strings and poles and provide adequate support. Postpone the spraying activity.

### **Agriculture:**

Farmers planning to cultivate vegetable crops are advised to apply 200 kg of well decomposed farm yard manure along with each 1 kg of Trichoderma viride and Pseudomonas fluorescens per acre.

### **Weather Based Agro-Advisories: (Chilly, Cotton & Animal Husbandry)**

#### **Chilly:**

There are chances of incense of root rot disease in chilly.

To control this disease, soil application of organic amendments viz., neem seed powder @ 0.05g/kg, neem cake @ 0.15g/kg and mint manure @ 0.75g/kg can be done two weeks before transplanting.

Soil drenching of the fungicides viz., Tebuconazole 0.1%, Carboxin 0.25% and Chlorothalonil 0.20% at 7 days after transplanting can effectively control the disease.

#### **Cotton:**

Due to the prevailing weather conditions, the incidence of whitefly and jassids were noticed in cotton.

Hence farmers are advised to set up Yellow & Blue sticky traps each @ 5Nos./acre for monitoring the sucking pests.

Spray, Fish oil @ 400 to 600ml + Rosin soap with 10 litre of water.

Spraying activities can be carried out on a non-rainy day.

#### **Animal Husbandry:**

Due to prevailing weather conditions, there is a chance for Black quarter disease in the cow. This disease usually affects young cattle of 6 months to about 2-3 years of age.

The symptoms are crepitating, swelling in the hind or fore quarter, lameness, and muscles shows trembling with violent twitching. Death usually occurs within 24 hours. Hyper immune serum (HIS) is used to control explosive outbreaks.

Immediately contact the local veterinarian to treat the disease. Vaccinate the cow every year one month before the rainy season.