
 <b>MSSRF</b> <i>Science for Sustainable Development</i>	<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.kanniwadi@gmail.com">amfu.kanniwadi@gmail.com</a> Fax: 044 – 22541319				
	District :	<b>Sivagangai</b>	Forecast Period :	<b>21/10/2023</b> to <b>25/10/2023</b>	
	Bulletine No :	<b>MSSRF/SVG / 084/ 2023</b>	Release Date :	<b>20/10/2023</b>	

Significant past weather	From	17/10/2023	to	19/10/2023
Parameters	Past Weather			
Rainfall (mm)	25.2			
Maximum Temperature (°C)	30-33			
Minimum Temperature (°C)	23-24			
Sky Condition (Octas)	5-6			
Relative Humidity (%)	55-93			
Wind Speed (kmph)	4-8			

**Ensemble Weather Forecast until 08:30Hrs of 25-10-2023**

Parameters	21-10-2023	22-10-2023	23-10-2023	24-10-2023	25-10-2023
	Saturday	Sunday	Monday	Tuesday	Wednesday
Rainfall (mm)	10	10	15	22	12
Maximum Temperature (°C)	34	34	34	33	33
Minimum Temperature (°C)	24	24	24	23	23
Sky Condition (Octas)	6	6	6	5	5
Max. Relative Humidity (%)	80	80	80	78	78
Min. Relative Humidity (%)	60	60	60	58	58
Wind Speed (Kmph)	8	8	8	6	6
Wind Direction	E	E	E	SE	SE

<b>SMS Advisory</b>	Chances of Moderate rain during 21, 22, 23, 24 & 25 Oct. Maximum temperature would be in the range of 33°C to 34°C and the minimum temperature would be between 23°C - 24°C. Generally cloudy sky will appear for the next five days. Wind expected with the speed of 6-8 Kmph from, East & Southeast directions.
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**General Advisory:**

**Extended range Forecast for next week (20<sup>th</sup> – 26<sup>th</sup> Oct 2023):**

**Rainfall:**

As per extended range predictions, there is possibility of below normal rainfall likely over the district during 20<sup>th</sup> to 26<sup>th</sup> October 2023.

**Maximum Temperature:**

Maximum temperatures is likely to be near normal to slightly above normal and are likely to be in the range 28°C to 32°C over the plains of the district during next week. 20<sup>th</sup> to 26<sup>th</sup> October 2023.

**Minimum Temperature:**

Minimum temperatures are likely to be near normal to above normal and are likely to be in the range 18°C to 24°C over the district during next week 20<sup>th</sup> to 26<sup>th</sup> October 2023

It is expected to receive rainfall in the forthcoming days. Hence the vegetable, fruit, and flower cultivating farmers are requested to carry out top dressing of manure followed by the earth-up operation

Since Moderate rainfall is expected for the next five days, 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, intercultural 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 grazing outside, standing near the trees or electric poles & provide safe shelter.

**Weather Based Agro - Advisories: (Important Crops: Blackgram, Banana & Animal Husbandry)**

**Blackgram:**

Its apt time for spraying of liquid fertilizer in Pulses. 2% of DAP.

During the non-rainy days, Dissolve 4.5 Kg of DAP in 10 liters of water on the previous day night and the supernatant liquid shall be mixed with 190 liters of water for spraying.

Spray may be done at the time of flowering and another dose on fifteen days after the first spray for the pulses.

**Banana:**

It is important to apply micro nutrient to Banana crop planted in garden land, spraying of Plantozyme @ 2ml/litre of water is recommended.

Similarly, Acid lime and Zinc Sulphate @ 5gm/litre of water can also be sprayed at this stage.

**Animal Husbandry:**

Due to the prevailing weather condition, farmers are advised to allow the cattle for grazing only after 2 hrs of sunrise.

Cover the cow shed with gunny bags, keep the floor in dry condition.

Dry feed and greens should be feed without moisture to avoid the fungal infection.