
 <b>MSSRF</b> Science for Sustainable Development	<b>AgroMet Advisory Bulletin (AAB)</b> Jointly released by Regional Meteorology Centre, Chennai – India Meteorology Department, Reddiarchatham 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>Sivagangai</b>	Forecast Period :	<b>09/09/2023</b> to <b>13/09/2023</b>	
	Bulletine No :	<b>MSSRF/SVG / 072/ 2023</b>	Release Date :	<b>08/09/2023</b>	

Significant past weather	From	05/09/2023	to	07/09/2023
Parameters	Past Weather			
Rainfall (mm)	0.0			
Maximum Temperature (°C)	32-35			
Minimum Temperature (°C)	25-26			
Sky Condition (Octas)	6-7			
Relative Humidity (%)	54-95			
Wind Speed (kmph)	8-13			

**Ensemble Weather Forecast until 08:30Hrs of 13-09-2023**

Parameters	09-09-2023	10-09-2023	11-09-2023	12-09-2023	13-09-2023
	Saturday	Sunday	Monday	Tuesday	Wednesday
Rainfall (mm)	0	3	4	2	2
Maximum Temperature (°C)	34	33	33	33	32
Minimum Temperature (°C)	24	23	23	22	22
Sky Condition (Octas)	8	7	7	5	8
Max. Relative Humidity (%)	70	70	70	70	70
Min. Relative Humidity (%)	40	50	40	40	40
Wind Speed (Kmph)	12	10	6	8	10
Wind Direction	SW	SW	SW	SW	SW

<b>SMS</b> <b>Advisory</b>	Chances of light rain during 10, 11, 12 & 13 Sep. Maximum temperature would be in the range of 32°C to 34°C and the minimum temperature would be between 22°C - 24°C. Generally cloudy sky will appear for the next five days. Wind expected with the speed of 6-12 Kmph from, Southwest direction.
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**General Advisory:**

**Extended range Forecast for next week (08<sup>th</sup> – 21<sup>st</sup> Sep 2023):**

**Rainfall:**

As per extended range predictions, there is possibility of slightly above normal rainfall likely over the district during 08<sup>th</sup> to 014<sup>th</sup> September 2023.

As per extended range predictions, there is possibility of near normal rainfall likely over the district during 15<sup>th</sup> to 21<sup>st</sup> September 2023.

**Maximum Temperature:**

Maximum temperatures is likely to be generally near normal and are likely to be in the range 26°C to 32°C over the plains of the district during next week. 08<sup>th</sup> to 21<sup>st</sup> September 2023.

**Minimum Temperature:**

Minimum temperatures are likely to be generally near normal and are likely to be in the range 18°C to 26°C over the district during next week 08<sup>th</sup> to 21<sup>st</sup> September 2023.

Wind with the speed of 6 to 12 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.

Light to Moderate rain with thunderstorm & lightning is likely to occur at one or two places over district on 9<sup>th</sup> & 10<sup>th</sup> September 2023. Farmers are advised to take precautionary measures while grazing/herding the sheep, goat, cow on agriculture land for manuring purpose. Do not allow the animals to graze outside, standing near the trees or electric poles. Provide safe shelter for your livestock. . To safeguard your animals from lightning and thunderstorm, remove the metal bells tied to the necks of animals.

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

##### **Banana:**

The incense of Rhizome weevil was noticed in the Banana. It grubs bore into the rhizome and cause the death of the plant. The presence of dark-coloured tunnels is seen in the rhizomes. Death of unopened pipe and withering of outer leaves are the other symptoms.

Apply castor cake @ 250g per pit before planting which prevents infestation.

Soil incorporation at the time of planting with 60-100g of Neem kernel powder or Neem cake.

Plant protection activities can be done, only on non-rainy days.

##### **Mango:**

The chances of incenses of Grey Blight is expected in Mango. The symptom of damages appears on leaf lamina, leaf margin with brown spot developments. It becomes dark brown and black dots appear on the spots. Heavy infection is noticed during the high humidity.

Remove and destroy infected plant parts.

To control, spray Copper oxychloride @ 250gm + Azoxystrobin @ 25ml with Sticky agent @ 10ml per 10 litres of water.

Plant protection activities can be done, only on non-rainy days.

##### **Animal Husbandry:**

Due to the prevailing weather, external parasites may attack your goats and sheep.

If symptoms are found, to protect your livestock from these external parasites, mix 2ml of Butox with one litre of water and apply the solution to the outer body of the sheep.

This medicine should not be used internally.