
 <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.kannivadi@gmail.com">amfu.kannivadi@gmail.com</a> Fax: 044 – 22541319				
	District :	<b>Sivagangai</b>	Forecast Period :	<b>04/05/2024</b> to <b>8/05/2024</b>	
	Bulletine No :	<b>MSSRF/SVG / 036/ 2024</b>	Release Date :	<b>03/05/2024</b>	

<b>Significant past weather</b>		<b>From</b>	<b>30/04/2024</b>	<b>to</b>	<b>02/05/2024</b>
		<b>4</b>		<b>4</b>	
<b>Parameters</b>			<b>Past Weather</b>		
Rainfall (mm)			0.0		
Maximum Temperature (°C)			40-41		
Minimum Temperature (°C)			27-29		
Sky Condition (Octas)			3-4		
Relative Humidity (%)			34-64		
Wind Speed (kmph)			7-8		

**Ensemble Weather Forecast**      **08:30Hrs**  
 until    of      **08-05-2024**

Parameters	04-05-2024	05-05-2024	06-05-2024	07-05-2024	08-05-2024
	Saturday	Sunday	Monday	Tuesday	Wednesday
Rainfall (mm)	0	0	0	0	1
Maximum Temperature (°C)	42	41	40	40	38
Minimum Temperature (°C)	29	28	27	27	27
Sky Condition (Octas)	8	8	6	4	8
Max. Relative Humidity (%)	70	60	60	70	70
Min. Relative Humidity (%)	20	30	30	30	30
Wind Speed (Kmph)	14	14	18	16	14
Wind Direction	S	SE	SE	SE	SE

<b>SMS Advisory</b>	Chances of light rain on 8 May. Maximum temperature would be in the range of 38°C to 42°C and the minimum temperature would be between 27°C - 29°C. Cloudy sky will appear for the next five days. Wind is expected with the speed of 14-18 Kmph from, South & Southeast directions.
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### General Advisory:

Thunderstorms & lightning with light to Moderate rain are likely to occur at one or two places over the Tamilnadu during 04 to 08 May 2024. Gusty Wind with a speed of 30 to 40 kmph is expected for the same 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. Do not allow the animals to graze outside, standing near the trees, and don't tie the animals to electric poles. Provide safe shelter.

Wind with the speed of 14 to 18 kmphs 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

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

**Banana:**

Due to the prevailing dry weather conditions, Banana Thrips are likely to appear. To manage this, foliar spray 0.5ml of Thiamethoxam or 0.5ml of Imidacloprid per litre of water along with a sticky agent.

**Brinjal:**

Higher temperature along with higher relative humidity favours the incidence of red spider mites.

To manage red spider mites, spray wettable Sulphur 80WG @ 40g per acre or Proparkite 57 EC @ 400 ml per acre.

**Animal Husbandry:**

Accommodation for laying hens in summer should be increased to 2 1/2 feet.

Give cold clean water 5 to 6 times.

The fodder tray should be kept clean.

Chickens should be provided with roaming accommodation without crisis.

If the top layer of the egg is found to be thin due to heat, vitamin D should be added to the feed.