
 <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>08/05/2024</b> to <b>12/05/2024</b>	
	Bulletine No :	<b>MSSRF/SVG / 037/ 2024</b>	Release Date :	<b>07/05/2024</b>	

<b>Significant past weather</b>		<b>From</b>	<b>03/05/2024</b>	<b>to</b>	<b>06/05/2024</b>
		<b>4</b>		<b>4</b>	
<b>Parameters</b>			<b>Past Weather</b>		
Rainfall (mm)			0.0		
Maximum Temperature (°C)			40-42		
Minimum Temperature (°C)			29		
Sky Condition (Octas)			3-6		
Relative Humidity (%)			38-77		
Wind Speed (kmph)			7-13		

**Ensemble Weather Forecast**      **08:30Hrs**  
 until    of      **12-05-2024**

Parameters	08-05-2024	09-05-2024	10-05-2024	11-05-2024	12-05-2024
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	0	3	1	2	1
Maximum Temperature (°C)	42	40	39	39	38
Minimum Temperature (°C)	29	27	26	26	25
Sky Condition (Octas)	3	8	8	7	7
Max. Relative Humidity (%)	70	60	70	80	80
Min. Relative Humidity (%)	30	30	40	40	50
Wind Speed (Kmph)	10	16	14	18	20
Wind Direction	SE	SE	SE	SE	S

<b>SMS Advisory</b>	Chances of light rain on 9 May. Maximum temperature would be in the range of 38°C to 42°C and the minimum temperature would be between 25°C - 29°C. Generally cloudy sky will appear for the next five days. Wind is expected with the speed of 10-20 Kmph from, Southeast & South 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 08 & 09 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 10 to 20 kmphs 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

### **Agriculture:**

Due to hot and humid conditions, discomfort weather is likely at isolated pockets over the district during next two days (08.05.2024 & 09.05.2024). Hence farmers are advised to plan their field activities during morning and evening hours and avoid working in the field during 12 noon to 4 Pm. Stay safe and take care. Drink adequate water.

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

#### **Paddy:**

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. The incidence of Green leafhoppers noticed in Paddy fields. It affects the leaves from tip to downwards and becomes yellow in colour. Retarded vigorous and stunted growth, and drying up of the plant due to sucking up of the leaf are the other symptoms.

This can be controlled by spraying the solution of Pungam oil @ 60ml + Iluppai oil @ 60ml + Neem oil @ 60ml + Sticky agent @ 10ml (Khadi soap @ 10gms) with 10 litres of water and mixing well and spraying 2 times at 12days interval.

Also, fix light traps in the field to attract and destroy the insect sent.

#### **Brinjal:**

The little leaf disease infestation is slightly found in Brinjal. The symptoms are a reduction in the size of leaves, Shortened petioles, excessive growth of branches general stunting of plants, conversion of floral parts into leafy structures, and rare fruiting.

Remove the infected plants and destroy them.

To control, foliar spray of 6ml Imidachlopride with 10ml Sticking agent per 10 litres of water.

#### **Animal Husbandry:**

Some amount of rainfall has been received during the recent days. This situation is favourable for the development of Aflatoxin infection in the Corn kernels and Paddy Straw, which may affect the health of your cattle.

To avoid this infection, check carefully and dry the Corn kernels and Paddy Straw before feeding.