
 MSSRF <small>Science for Sustainable Development</small>	AgroMet Advisory Bulletin (AAB) 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: amfu.kannivadi@gmail.com Fax: 044 – 22541319						
	District :	Sivagangai	Forecast Period :	26/06/2024	to		30/06/2024
	Bulletine No :	MSSRF/SVG / 051/ 2024	Release Date :	25/06/2024			

Significant past weather		From	21/06/2024	to	24/06/2024
			4		4
Parameters		Past Weather			
Rainfall (mm)		5.9			
Maximum Temperature (°C)		35-39			
Minimum Temperature (°C)		25-27			
Sky Condition (Octas)		6			
Relative Humidity (%)		55-65			
Wind Speed (kmph)		8-19			

Ensemble Weather Forecast 08:30Hrs
 until of **26-06-2024**

Parameters	26-06-2024	27-06-2024	28-06-2024	29-06-2024	30-06-2024
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	1	0	2	0	0
Maximum Temperature (°C)	37	36	35	34	33
Minimum Temperature (°C)	27	26	25	25	24
Sky Condition (Octas)	8	6	8	8	5
Max. Relative Humidity (%)	70	70	80	70	70
Min. Relative Humidity (%)	70	60	50	50	40
Wind Speed (Kmph)	14	18	8	14	18
Wind Direction	SW	W	SW	SW	SW

SMS Advisory	Chances of very light rain on 26 & 28 Jun. Maximum temperature would be in the range of 33°C to 37°C and the minimum temperature would be between 24°C - 27°C. Cloudy sky will appear for the next five days. Wind is expected with the speed of 8-18 Kmph from, Southwest & West directions.
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General Advisory:

Extended range Forecast for next week (28th June to 04th July 2024):

Rainfall:

As per extended range predictions, there is possibility of generally normal to slightly above normal rainfall likely over the district during 28th Jun to 04th July 2024.

Maximum Temperature:

Maximum temperatures are likely to be near normal to slightly above normal and are likely to be in the range 26°C to 32°C over the plains of the district during next week. 28th Jun to 04th July 2024.

Minimum Temperature:

Minimum temperatures are likely to be near normal to slightly above normal and are likely to be in the range 20°C to 24°C over the district during next week 28th Jun to 04th July 2024.

Wind with the speed of 8 to 18 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:

As the temperature is expected to increase in the forthcoming days, sucking pest infestation may be prevalent in vegetables, pulses and groundnut crops. Hence, 5% Neem seed kernel extract may be sprayed to control the pest incidence.

Weather Based Agro-Advisories: (Coconut, Bhendi & Animal Husbandry)

Coconut:

Using the existing soil moisture condition due to the recent rainfall, the Coconut Farmers are advised to sow the seeds of green manure crop sun hemp around the coconut trees @50gms/tree and incorporate the same into the soil after 45 days.

Bhendi:

The incidence of mites is noticed in Bhendi. The symptoms are, leaves stippled with yellow, leaves may appear bronzed, and leaves are webbing covering.

To control prepare a paste of Ginger @ 250gm, Chilli @ 250gm, and Garlic @ 250gm and dilute the paste in 70 litres of water.

Take 100ml of Ginger, Chilly, and Garlic solution, add 250ml of well-fermented curd and 20ml of egg white with 10 litres of water and spray.

Animal Husbandry:

Hemorrhagic Septicemia disease, which affects cattle, is most prevalent during the rainy season. Milch animals, especially buffaloes and crossbred cows, are more susceptible to this disease.

Infected animals develop severe fever, dysentery, and swelling in the lower mandible, head, neck, throat, and chest.

Germs of this disease survive longer in humid and waterlogged conditions.

As a precautionary measure to avoid this, it is necessary to consult a nearby veterinary doctor before the rainy season and vaccinate the cows.