
 MSSRF Science for Sustainable Development	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.kanniwadi@gmail.com Fax: 044 – 22541319				
	District :	Sivagangai	Forecast Period :	29/06/2024 to 03/07/2024	
	Bulletine No :	MSSRF/SVG / 052/ 2024	Release Date :	28/06/2024	

Significant past weather		From	25/06/2024	to	27/06/2024
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Parameters			Past Weather		
Rainfall (mm)			0.0		
Maximum Temperature (°C)			35-37		
Minimum Temperature (°C)			26-27		
Sky Condition (Octas)			6-7		
Relative Humidity (%)			55-83		
Wind Speed (kmph)			11-17		

Ensemble Weather Forecast **08:30Hrs**
 until of **03-07-2024**

Parameters	29-06-2024	30-06-2024	01-07-2024	02-07-2024	03-07-2024
	Saturday	Sunday	Monday	Tuesday	Wednesday
Rainfall (mm)	0	0	2	3	3
Maximum Temperature (°C)	33	34	35	34	33
Minimum Temperature (°C)	25	25	25	24	24
Sky Condition (Octas)	5	6	8	8	8
Max. Relative Humidity (%)	70	70	70	70	70
Min. Relative Humidity (%)	50	40	50	40	40
Wind Speed (Kmph)	12	12	10	8	8
Wind Direction	S	S	SS	SE	SW

SMS Advisory	Chances of light rain during 1, 2 & 3 July. Maximum temperature would be in the range of 33°C to 35°C and the minimum temperature would be between 24°C - 25°C. Cloudy sky will appear for the next five days. Wind is expected with the speed of 8-12 Kmph from, South, Southeast & Southwest directions.
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General Advisory:

Extended range Forecast for next week (28th June to 11th July 2024):

Rainfall:

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

As per extended range predictions, there is possibility of slightly above normal rainfall likely over the district during 5th to 11th July 2024.

Maximum Temperature:

Maximum temperatures are likely to be near normal and are likely to be in the range 26°C to 34°C

Maximum temperatures are likely to be generally normal and are likely to be in the range 26°C to 32°C over the plains of the district during next week. 5th to 11th July 2024.

Minimum Temperature:

Minimum temperatures are likely to be near normal and are likely to be in the range 20°C to 24°C over the district during next week 28th June to 11th July 2024.

Weather Based Agro-Advisories: (Groundnut, Sesame & Animal Husbandry)

Groundnut:

Farmers who have taken up groundnut sowing in Vaikasi Pattam are advised to apply gypsum @ 160 kg/acre and earth up the soil to develop peg formation and easy penetration.

Also, give a spray of micronutrient mixture, “Groundnut Rich” @ 2kg/200 litres as a foliar spray to get more pods and yield in the groundnut plant.

Spraying can be done during the non-rainy days.

Sesame:

The incidence of Sesamum phyllody is expected in Sesame. All the floral parts are transformed into green leafy structures followed by abundant vein clearing in different flower parts.

In severe infection, the entire inflorescence is replaced by short twisted leaves closely arranged on a stem with short internodes, abundant abnormal branches bend down. If capsules are formed on the lower portion of a plant, they do not yield quality seeds.

This disease is transmitted by the vector *Orosius albicinctus*.

To control, spray Copper Oxychloride @ 35gm + sticky agent @ 10ml with 10 litres of water.

Animal Husbandry:

Due to the prevailing weather condition, Enterotoxaemia disease may affect the Goats. The main symptom of the disease causes sudden death in young growing kids. Mucous diarrhoea may also be seen during death.

To prevent this disease, do not feed on young grass, allow the goat for grazing one hour after the sunshine. Immediately contact the nearest veterinary clinic and vaccinate your animals.