
 MSSRF <i>Science for Sustainable Development</i>	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 :	03/07/2024 to 07/07/2024	
	Bulletine No :	MSSRF/SVG / 053/ 2024	Release Date :	02/07/2024	

Significant past weather	From 28/06/2024 to 01/07/2024
	4 to 4
Parameters	Past Weather
Rainfall (mm)	3.3
Maximum Temperature (°C)	33-40
Minimum Temperature (°C)	25-27
Sky Condition (Octas)	3-6
Relative Humidity (%)	44-82
Wind Speed (kmph)	4-16

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

Parameters	03-07-2024	04-07-2024	05-07-2024	06-07-2024	07-07-2024
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	0	3	0	2	0
Maximum Temperature (°C)	37	36	35	35	34
Minimum Temperature (°C)	26	25	25	24	24
Sky Condition (Octas)	7	8	7	8	8
Max. Relative Humidity (%)	70	70	70	70	70
Min. Relative Humidity (%)	40	40	50	40	50
Wind Speed (Kmph)	8	8	12	10	12
Wind Direction	S	SW	SW	S	S

SMS Advisory	Chances of light rain on 3 & 6 July. Maximum temperature would be in the range of 34°C to 36°C and the minimum temperature would be between 24°C - 26°C. Cloudy sky will appear for the next five days. Wind is expected with the speed of 8-12 Kmph from, South & Southwest directions.
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General Advisory:

Extended range Forecast for next week (05th to 11th July 2024):

Rainfall:

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 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

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

Banana:

The root-lesion nematodes and root knot nematodes are noticed in Banana. The nematodes-infested banana tree shows stunting and yellowing of leaves, blackish or reddish lesions on the roots.

Farmers are advised to apply FYM @ 10kg with neem cake 250 gm per tree and intercrop with marigold or sunhemp and in situ ploughing at the time of flowering.

Apply liquid formulation of *Pseudomonas fluorescense* @ 2 litre per ha. during 2, 4 and 6 months after planting through drip irrigation.

Groundnut:

The incidence of Gram pod borer is expected in Groundnut. The larvae feed on the foliage, prefers flowers and buds, when tender leaf buds are eaten, symmetrical holes or cuttings can be seen upon unfolding of leaflets.

Install pheromone trap @ 5Nos./ha. Releasing of *Trichogramma chilonis* @ 1 lakh/ha, 40 days after sowing of groundnut can effectively check the pest.

Or spray any one of the following insecticide Indoxacarb 14.5%SC @ 160ml /acre (0.5ml per litre) or Spinosad 45% SC @ 60ml per acre (0.5ml/litre) from flower bud formation at fortnight interval.

Animal Husbandry:

Goat rearing farmers are advised to prevent the goat from Tapeworm, which leads to mortality and weight loss.

Goats have to be de-wormed from July to September, contact the nearby veterinarian and provide deworming medicines to your goats.