
 MSSRF <i>Science for Sustainable Development</i>	AgroMet Advisory Bulletin (AAB) Jointly released by Regional Meteorology Centre, Chennai – India Meteorology Department, Reddiarchatham 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 :	11/10/2023	to		15/10/2023
	Bulletine No :	MSSRF/SVG / 081/ 2023	Release Date :	10/10/2023			

Significant past weather	From	06/10/2023	to	09/10/2023
Parameters	Past Weather			
Rainfall (mm)	5.5			
Maximum Temperature (°C)	37-38			
Minimum Temperature (°C)	23-25			
Sky Condition (Octas)	2-5			
Relative Humidity (%)	50-70			
Wind Speed (kmph)	5-9			

Ensemble Weather Forecast until 08:30Hrs of 15-10-2023

Parameters	11-10-2023	12-10-2023	13-10-2023	14-10-2023	15-10-2023
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	10	35	30	10	5
Maximum Temperature (°C)	36	36	36	35	35
Minimum Temperature (°C)	25	25	25	24	24
Sky Condition (Octas)	8	8	8	7	7
Max. Relative Humidity (%)	82	82	82	80	80
Min. Relative Humidity (%)	65	65	65	62	62
Wind Speed (Kmph)	5	5	5	4	4
Wind Direction	SE	SE	SE	S	S

SMS Advisory	Chances of Moderate rain during 11, 12, 13 & 14 Oct. Maximum temperature would be in the range of 35°C to 36°C and the minimum temperature would be between 24°C - 25°C. Cloudy sky will appear for the next five days. Wind expected with the speed of 4-5 Kmph from, Southeast & South directions.
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General Advisory:

Heavy rain is likely to occur at isolated places over the district on 12 October 2023. Farmers are advised to act swiftly to repair the water channels, farm ponds and other water bodies to harvest the rain water. During these days farmers are advised to avoid irrigation, inter-cultural operations and application of plant protection measures to the standing crops, provide adequate drainage facilities in the fields to avoid water stagnation due to heavy rainfall, do not allow the animals to grazing outside, standing near the trees or electric poles & provide safe shelter.

Weather Based Agro - Advisories: (Important Crops: Cotton, Paddy & Animal Husbandry)

Cotton:

Cotton cultivating farmers are advised to apply compost as first fertilizer. Mix and Apply Superphosphate @ 150 kg per acre, Ammonium sulphate @ 40 kg per acre, and Potash @ 35 kg per acre, close to the plant. Or apply 150 kg of 20-20 fertilizer and 30 kg of potash, cover with the soil and provide irrigation. Spraying should be done only on non-rainy days.

Paddy:

There are chances for reduced crop growth in Paddy due to nutrient deficiency. To manage this reduced growth, apply 10 kg of Murate of Potash as a top dressing and 0.5% of Zinc sulphate as a foliar spray. Spraying should be done only on non-rainy days.

Animal Husbandry:

Due to the prevailing weather conditions, the Enterotoxaemia disease may affect the Goats. The main symptom of the disease is 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 goats to graze one hour after the sunshine.

Vaccinate the animals once a year before the onset of monsoon.