
 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 :	23/08/2023 to 27/08/2023	
	Bulletine No :	MSSRF/SVG / 067/ 2023	Release Date :	22/08/2023	

Significant past weather	From	18/08/2023	to	21/08/2023
Parameters	Past Weather			
Rainfall (mm)	0.0			
Maximum Temperature (°C)	37-39			
Minimum Temperature (°C)	25-26			
Sky Condition (Octas)	3-5			
Relative Humidity (%)	39-66			
Wind Speed (kmph)	7-13			

Ensemble Weather Forecast until 08:30Hrs of 27-08-2023

Parameters	23-08-2023	24-08-2023	25-08-2023	26-08-2023	27-08-2023
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	5	3	0	0	0
Maximum Temperature (°C)	39	38	38	37	37
Minimum Temperature (°C)	27	26	26	25	25
Sky Condition (Octas)	8	7	6	6	5
Max. Relative Humidity (%)	80	70	70	70	70
Min. Relative Humidity (%)	40	30	30	40	40
Wind Speed (Kmph)	12	12	14	18	16
Wind Direction	S	S	S	S	S

SMS Advisory	Chances of light rain on 23 & 24 Aug. Maximum temperature would be in the range of 37°C to 39°C and the minimum temperature would be between 25°C - 27°C. Generally cloudy sky will appear for the next five days. Wind expected with the speed of 12-18 Kmph from, South direction.
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General Advisory:

Wind with the speed of 12 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.

Light to Moderate rain with thunderstorm & lightning is likely to occur at one or two places over district on 23 & 24 August 2023. Farmers are advised to take precautionary measures while grazing/herding the sheep, goat, cow on agriculture land for manuring purpose. Do not allow the animals to graze outside, standing near the trees or electric poles. Provide safe shelter for your livestock.

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

Paddy:

Farmers planning to transplant Paddy during the Kharif season are advised to take up sowing with 20kg of either Sun hemp or Daincha or Multigrain and do in-situ incorporation within 30 – 45 days after sowing.

Select Daincha as a green manure crop for soil and water having alkaline ph.

Tomato:

The incense of Septoria Leaf Spot disease is noticed in Tomato. The plant may be attacked at any stage of its growth.

The disease is characterized by numerous, small, grey, circular leaf spots having a dark border. Remove and destruct the affected plant parts.

Spraying Copper-oxychloride @ 350gm per acre in the field may effectively control the disease.

Animal Husbandry:

Farmers are advised to feed the cows with greens and straw as half (quantity) in the morning and half in the evening after milking.

Do not change the fodder and its quantity. It can be changed gradually. Long and hard stem fodders should be cut into small pieces and fed to the Cow.

Better to feed the cow with a mixture of young foliage and dry grass with hay.

Silage should be given after the end of milking,

Concentrate feeding should be given in the morning and evening with equal distribution.