
 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 :	27/09/2023	to		01/10/2023
	Bulletine No :	MSSRF/SVG / 077/ 2023	Release Date :	26/09/2023			

Significant past weather	From	22/09/2023	to	25/09/2023
Parameters	Past Weather			
Rainfall (mm)	14.7			
Maximum Temperature (°C)	37-38			
Minimum Temperature (°C)	25-26			
Sky Condition (Octas)	4-5			
Relative Humidity (%)	41-79			
Wind Speed (kmph)	5-10			

Ensemble Weather Forecast until 08:30Hrs of 01-10-2023

Parameters	27-09-2023	28-09-2023	29-09-2023	30-09-2023	01-10-2023
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	3	3	2	0	0
Maximum Temperature (°C)	37	36	36	35	35
Minimum Temperature (°C)	26	25	25	24	24
Sky Condition (Octas)	6	8	8	8	7
Max. Relative Humidity (%)	70	70	80	80	80
Min. Relative Humidity (%)	40	50	50	50	60
Wind Speed (Kmph)	12	16	18	20	22
Wind Direction	SW	SW	SW	SW	SW

SMS Advisory	Chances of light rain during 27, 28 & 29 Sep. Maximum temperature would be in the range of 35°C to 37°C and the minimum temperature would be between 24°C - 26°C. Cloudy sky will appear for the next five days. Wind expected with the speed of 12-22 Kmph from, Southwest direction.
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General Advisory:

Light to Moderate rain with thunderstorm & lightning is likely to occur at one or two places over district on 27th & 28 September 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. . To safeguard your animals from lightning and thunderstorm, remove the metal bells tied to the necks of animals.

Since cloudy sky with humid weather is prevailing, farmers are advised to use the Blue sticky trap to monitor the aphids, leaf miners and the yellow sticky trap to monitor the incidence of other sucking pests.

Wind with the speed of 12 to 22 kmphs 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.

Weather Based Agro - Advisories: (Important Crops: Brinjal, Bottle-gourd & Animal Husbandry)

Brinjal:

Brinjal cultivators are advised to manage the weeds in the Brinjal fields as follows.

Before planting, spray Fluchloralin @ 1 litre per 500 litres of water as pre-emergence herbicide, followed by hand weeding once at 30 days after planting.

Bottle-gourd:

Applying fertilizers and post-planting operations methods to bottle-gourd crops will give good yield results.

After 15 days of sowing, thin the seedlings to two per pit.

Apply 10 kgs of FYM per pit (20 Tonnes/ha), also apply 100 gms of NPK 6:12:12 mixture per pit as basal and 10 gms of Nitrogen per pit during the flowering stage.

Animal Husbandry:

Goat-rearing farmers are advised to save their goats from mortality.

As a preventive measure against Haemorrhagic Septicemia, goats have to be vaccinated once a year before the onset of the rainy season, Contact the nearby veterinarian and vaccinate your goats.