
 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 :	13/09/2023 to 17/09/2023	
	Bulletine No :	MSSRF/SVG / 073/ 2023	Release Date :	12/09/2023	

Significant past weather	From	08/09/2023	to	11/09/2023
Parameters	Past Weather			
Rainfall (mm)	8.1			
Maximum Temperature (°C)	34-39			
Minimum Temperature (°C)	25-27			
Sky Condition (Octas)	4-7			
Relative Humidity (%)	46-71			
Wind Speed (kmph)	8-15			

Ensemble Weather Forecast until 08:30Hrs of 17-09-2023

Parameters	13-09-2023	14-09-2023	15-09-2023	16-09-2023	17-09-2023
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	3	0	0	5	5
Maximum Temperature (°C)	37	36	36	35	35
Minimum Temperature (°C)	26	25	25	24	24
Sky Condition (Octas)	7	7	6	8	8
Max. Relative Humidity (%)	70	70	70	70	70
Min. Relative Humidity (%)	50	40	40	50	40
Wind Speed (Kmph)	10	12	12	14	14
Wind Direction	SW	SW	SW	SW	SW

SMS Advisory	Chances of light rain during 13, 16 & 17 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. Generally cloudy sky will appear for the next five days. Wind expected with the speed of 10-14 Kmph from, Southwest direction.
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General Advisory:

Since some amount of rainfall is received recently, and rainfall is expected for the coming days, farmers can plan for ploughing and land preparation activities. Farmers are advised to postpone the spraying activities for a short while and to take necessary steps for rain water harvesting.

Wind with the speed of 10 to 14 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 13th & 14th 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.

Weather Based Agro - Advisories: (Important Crops: Groundnut, onion & Animal Husbandry)

Groundnut:

To increase the flower retention and pod filling in Groundnut.

Farmers are advised to give two sprays of Groundnut rich @ 5kg/ha in 500 litres of water (for each spray). First spray, at 35 days after sowing and the second spray at 45 days after sowing.

Onion:

Due to the prevailing weather conditions, there are chances for incense of Downy mildew in Onion. The symptoms of the disease are white downy growth appearing on the surface of the leaves. Finally, the infected leaves are dried up.

To control this, spray Propineb @ 350gm per acre. After 10 days, spray Pseudomonas @100gm + Trichoderma Viride @100gm per 10 litres of water.

Animal Husbandry:

The (livestock) calf may be affected by tiredness, hence, the cattle rearers are advised to feed their calf with 30gms of mineral mixture per day.

Also, de-worm your calf on a regular schedule with the support of a nearby veterinarian.