
 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.kanniwadi@gmail.com Fax: 044 – 22541319				
	District :	Sivagangai	Forecast Period :	04/10/2023 to 08/10/2023	
	Bulletine No :	MSSRF/SVG / 079/ 2023	Release Date :	03/10/2023	

Significant past weather		From	29/09/2023	to	02/10/2023
Parameters	Past Weather				
Rainfall (mm)	0.3				
Maximum Temperature (°C)	35-36				
Minimum Temperature (°C)	25-26				
Sky Condition (Octas)	3-7				
Relative Humidity (%)	49-68				
Wind Speed (kmph)	8-13				

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

Parameters	04-10-2023	05-10-2023	06-10-2023	07-10-2023	08-10-2023
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	0	0	0	2	2
Maximum Temperature (°C)	35	35	35	34	34
Minimum Temperature (°C)	25	24	24	24	23
Sky Condition (Octas)	1	1	4	8	0
Max. Relative Humidity (%)	70	70	70	70	70
Min. Relative Humidity (%)	30	30	30	30	30
Wind Speed (Kmph)	16	14	10	10	12
Wind Direction	SW	S	S	SE	SE

SMS Advisory	Chances of very light rain on 7 & 8 Oct. Maximum temperature would be in the range of 34°C to 35°C and the minimum temperature would be between 23°C - 25°C. Partly cloudy sky will appear for the next five days. Wind expected with the speed of 10-16 Kmph from, Southwest, South, & Southeast directions.
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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 4th October 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.

Wind with the speed of 10 to 16 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.

Since very less amount of rainfall is forecasted for next 5 days, farmers can plan for crop protection activities.

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

Mango:

The incidence of the Shoot borer is expected in mangos.

The symptoms of damage are terminal shoots showing tunnels from top to downwards.

Stunted growth of seedlings, with a bunchy appearance in the terminal.

To control spray Neem oil @ 40ml + sticky agent @ 10ml with 10 litres of water.

Brinjal:

The incense of Leaf spot disease is noticed in Brinjal. This disease normally occurs during the cloudy days of the monsoon period.

This can be controlled by spraying Dythene M45 @ 2g/litre for an interval of 15 days.

Plant protection activities can be done, only on non-rainy days.

Animal Husbandry:

During the rainy season, the chances of growth of coccidial oocysts as well as the Clostridium perfringens and Ecoli are more.

Enterotoxaemia occurs due to sudden changes in feed or damage to the intestinal mucosa.

High dietary levels of dry fish, fishmeal and wheat may be avoided for the poultry.

The enterotoxaemia can be prevented by using good quality feed ingredients free from mycotoxins and deworming of the desi birds.

Similarly, the litter moisture should be kept low.