
 MSSRF Science for Sustainable Development	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 :	03/01/2024 to 07/01/2024	
	Bulletine No :	MSSRF/SVG / 001/ 2024	Release Date :	02/01/2024	

Significant past weather	
From	to
3	4
29/12/2023	01/01/2024
Parameters	Past Weather
Rainfall (mm)	0.0
Maximum Temperature (°C)	31-32
Minimum Temperature (°C)	23
Sky Condition (Octas)	4-6
Relative Humidity (%)	58-83
Wind Speed (kmph)	5-9

Ensemble Weather Forecast **08:30Hrs**
 until of **07-01-2024**

Parameters	03-01-2024	04-01-2024	05-01-2024	06-01-2024	07-01-2024
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	2	2	2	3	6
Maximum Temperature (°C)	32	31	31	29	29
Minimum Temperature (°C)	23	22	21	21	20
Sky Condition (Octas)	6	7	4	7	8
Max. Relative Humidity (%)	90	90	90	90	90
Min. Relative Humidity (%)	70	70	70	70	70
Wind Speed (Kmph)	16	16	14	16	14
Wind Direction	NE	NE	NE	NE	NE

SMS Advisory	Chances of light rain during 3, 4, 5, 6 & 7 Jan. Maximum temperature would be in the range of 29°C to 32°C and the minimum temperature would be between 20°C-23°C. Generally cloudy sky will appear for the next five days. Wind expected with the speed of 14-16 Kmph from, Northeast directions.
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General Advisory:

Since very less amount of rainfall is forecasted for next 5 days, Maize & Cotton cultivators are advised to plan for harvest.

Wind with the speed of 14 to 16 kmphis 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 cloudy humid weather is prevailing, farmers are advised to use the yellow sticky trap @ 10-15/acre to monitor the incidence of sucking pests and Blue sticky trap @ 5-10/acre to monitor the aphids and leaf miner.

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

Brinjal:

The Brown leaf hopper infestation is seen in Brinjal fields. Affected plants would be seen with, shriveled leaves, shortened petioles, excessive growth of branches general stunting of plants, conversion of floral parts into leafy structures, and rare fruiting are the other symptoms.

Remove the infected plants and destroy them.

Spray Imidachlophirid @ 20ml per 10 litres of water.

Banana:

The incense of Panama Wilt is expected in Banana. The first obvious signs of disease are wilting and a light yellow colouring of the lower leaves. They eventually turn a bright yellow colour with dead leaf margins.

After harvest, remove and destroy the infested plant parts. Grow healthy plants with proper fertilization, irrigation and weed control.

To control apply *Pseudomonas fluorescens* @ 2.5kg per ha. along with farmyard manure and apply Neem cake @ 250 Kg Per ha.

Animal Husbandry:

As the night temperature is very low, keep the cattle safely in the sheds.

Tie the jute bags around the shed. Allow the cattle to graze 2 hours after sunrise.