# AgroMet Advisory Bulletin (AAB)



Jointly released by

Regional Meteorology Centre, Chennai – India Meteorology Department, Reddiarchathram Seed Growers Association &

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District : Sivagangai Forecast Period : 20/12/2023 to 24/12/2023

Bulletine No: MSSRF/SVG / 101/ 2023 Release Date : 19/12/2023



Significant past weather	From	15/12/202 3	to	18/12/202 3		
Parameters		Past Weather				
Rainfall (mm)			47.7			
Maximum Temperature (°C)		30-33				
Minimum Temperature (°C)			23-25			
Sky Condition (Octas)			5-8			
Relative Humidity (%)			67-95			
Wind Speed (kmph)		6-14				

Ensemble Weather Forecast 08:30Hrs until of

		21-12-	22-12-	23-12-	24-12-
Parameters	20-12-2023	2023	2023	2023	2023
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	4	2	6	0	2
Maximum Temperature (°C)	25	24	23	24	24
Minimum Temperature (°C)	23	23	22	23	23
Sky Condition (Octas)	7	4	7	4	6
Max. Relative Humidity (%)	90	90	90	90	90
Min. Relative Humidity (%)	80	70	60	50	70
Wind Speed (Kmph)	20	18	16	18	20
Wind Direction	NE	NE	NE	NE	NE

SMS Advisory Chances of light rain on 19 & 22 Dec. Maximum temperature would be in the range of 23°C to 25°C and the minimum temperature would be between 22°C - 23°C. Generally cloudy sky will appear for the next five days. Wind expected with the speed of 16-20 Kmph from, Northeast direction.

#### General Advisory:

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.

Wind with the speed of 16 to 20 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.

Provide drainage facilities in the in Paddy and other fields to avoid water stagnation

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

#### Tomato:

The occurrence of Thrips may be noticed in Tomato fields. The symptoms are silvery streaks on the leaf surface, pre-mature dropping of flowers and bud necrosis. Thrips are the vector of tomato spotted wilt virus.

To manage and control this uproot the diseased plants and destroy them.

Fix yellow sticky traps @ 10 Nos./acre.

Spray Thiomethoxam @ 50gm/acre.

Crop protection activities should be done only on non-rainy days.

### Mango:

Mango cultivating farmers are advised to adopt the following methods to plant the grafted Mango plants.

- 1. Dig pits of 1 metre x 1 metre x 1-metre size and fill them with topsoil mixed with 10kg of Farm Yard Manure.
- 2. Plant the grafts at the centre of the pit.
- 3. Water the plants immediately after planting.

## **Animal Husbandry:**

Due to the prevailing cold weather conditions, cattle rearers are advised to allow the cattle to graze only after 2 hours of sunrise.

Cover the cow shed with gunny bags, and keep the floor in dry condition.

Dry fodder and greens should be fed without moisture to avoid fungal infection.