
 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 :	28/03/2024 to 03/03/2024	
	Bulletine No :	MSSRF/SVG / 017/ 2024	Release Date :	27/02/2024	

Significant past weather		From	23/02/202 4	to	26/02/202 4
Parameters		Past Weather			
Rainfall (mm)		0.0			
Maximum Temperature (°C)		35-38			
Minimum Temperature (°C)		24-25			
Sky Condition (Octas)		3-4			
Relative Humidity (%)		46-85			
Wind Speed (kmph)		7-17			

Ensemble Weather Forecast **08:30Hrs**
 until of **03-03-2024**

Parameters	28-02-2024	29-02-2024	01-03-2024	02-03-2024	03-03-2024
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	0	0	0	0	0
Maximum Temperature (°C)	35	35	36	36	36
Minimum Temperature (°C)	25	24	25	25	26
Sky Condition (Octas)	5	4	3	2	2
Max. Relative Humidity (%)	90	80	90	80	70
Min. Relative Humidity (%)	30	30	30	20	20
Wind Speed (Kmph)	16	18	16	12	12
Wind Direction	NE	NE	NE	NE	NE

SMS Advisory	Dry weather will prevail for the next 5 days. Maximum temperature would be in the range of 35°C to 36°C and the minimum temperature would be between 24°C-26°C. Partly cloudy sky will appear for the next five days. Wind is expected with the speed of 12-18 Kmph from, Northeast directions.
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General Advisory:

It is expected to raise temperature in the forthcoming days, so the soil moisture content may be reduced. Hence, the horticultural farmers are advised to take up mulching around the root basin of the crop with dried leaves, grass and other farm wastes to retain the soil moisture content.

During the summer season, both agricultural and vegetable crops grown for more than 30 to 45 days are prone to nutrient deficiency and pest attack.

To overcome this issue, mix 350ml of Panchakaviyam and 15ml of sticky agent in 10 litres of water and spray it twice at 15 days interval.

Wind with the speed of 12 to 18 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.

Extended range Forecast for next week (01st to 07th March 2024):

Rainfall:

As per extended range predictions, there is possibility of near normal rainfall likely over the district during 01st to 07th March 2024.

Maximum Temperature:

Maximum temperatures are likely to be slightly below normal and are likely to be in the range of 30°C to 34°C, over the district from 01st to 07th March 2024.

Minimum Temperature:

Minimum temperatures are likely to be normal to slightly above normal and are likely to be in the range 18°C to 22°C over the district from 01st to 07th March 2024.

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

Brinjal:

To increase the yield of Brinjal, give foliar spraying with vegetable booster @ 5 gram/litre along with sticking agent in 15-day intervals after 30 days of planting.

Chilly:

The occurrence of Fusarium wilt was noticed in Chilly. Fusarium wilt is characterized by wilting of the Chilly plant, upward and inward rolling of the leaves and leaves turn yellow and die.

Generally, appear in localized areas of the field, where a high percentage of the plants wilt and die, although scattered wilted plants may also occur.

To avoid this, use wilt-resistant varieties. Seed treatment with 4gm Trichoderma viride formulation per kg seed is more effective.

Mix 2kg T.viride formulation with 50kg FYM, sprinkle water and cover with a thin polythene sheet.

When mycelia growth is visible on the heap after 15 days, apply the mixture in rows of chilly plants in an area of one acre. To control, spray Azoxystrobin 18.2% + Difenconazole 11.4% SC @ 25ml per 10 litres of water.

Animal Husbandry:

Control of snail-borne trematode infections in small ruminants and cattle • Snail-borne trematode infections such as Amphistomosis and Fasciolosis are very common in ruminants during the months of January, February, March and April, particularly among the young stock which goes for grazing to the areas where water bodies are located.

The affected small ruminants will have severe watery foetid diarrhoea, anaemia, sub-mandibular oedema, and frequent drinking, besides recurrent bloat may occur in cattle.

These fluke infections can be controlled by early diagnosis through faecal examination and treatment with appropriate dewormer. Animals should not be allowed to graze near water bodies.