
 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 :	24/01/2024 to 28/01/2024	
	Bulletine No :	MSSRF/SVG / 007/ 2024	Release Date :	23/01/2024	

Significant past weather		From	19/01/202 4	to	22/01/202 4
Parameters		Past Weather			
Rainfall (mm)		1.4			
Maximum Temperature (°C)		32 - 34			
Minimum Temperature (°C)		18 - 23			
Sky Condition (Octas)		2 - 5			
Relative Humidity (%)		43 - 83			
Wind Speed (kmph)		7 - 11			

Ensemble Weather Forecast **08:30Hrs**
 until of **28-01-2024**

Parameters	24-01-2024	25-01-2024	26-01-2024	27-01-2024	28-01-2024
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	0	0	0	0	0
Maximum Temperature (°C)	32	32	32	32	32
Minimum Temperature (°C)	23	23	24	24	24
Sky Condition (Octas)	0	4	1	1	7
Max. Relative Humidity (%)	90	90	90	90	90
Min. Relative Humidity (%)	50	50	40	40	40
Wind Speed (Kmph)	10	8	14	20	18
Wind Direction	NE	NE	NE	NE	NE

SMS Advisory	Chances of very light rain on 20 & 21 Jan. Maximum temperature would be in the range of 32°C to 33°C and the minimum temperature would be between 22°C-23°C. Partly cloudy sky will appear for the next five days. Wind expected with the speed of 12-16 Kmph from, Northeast direction.
-------------------------------	--

General Advisory:

Dry weather is very likely to prevail over the district for the next 5 days, farmers can start crop protection activities, based on the soil moisture condition of your field, provide irrigation to the vegetable crops. Mist is likely to prevail during the early morning hours, allow your cattle to graze only 2 hours after sunrise.

Extended range Forecast for next week (26th Jan– 01st Feb 2024):

Rainfall:

As per extended range predictions, generally, dry weather conditions are likely over the district from 24th Jan to 01st February 2024.

Maximum Temperature:

Maximum temperatures are likely to be generally near normal and are likely to be in the range of 28°C to 32°C over the plains of the district during next week, 24th Jan to 01st February 2024.

Minimum Temperature:

Minimum temperatures are likely to be generally near normal and are likely to be in the range 16°C to 20°C over the district during next week 24th Jan to 01st February 2024.

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

Bhendi :

The incense of Red cotton bug noticed in Bhendi. Infested seeds become discoloured and shrivelled.

To manage this, conserve the biocontrol agent *Harpactor costalis predaceous* on nymph and adults and spray *Beaveria Bassiana* @ 600ml per acre.

Mango :

It is important to control the flower and finches shedding in Mango crop. It is also essential to follow the yield-increasing practices in Mango.

To increase fruit retention, farmers are advised to spray, NAA @ 20ppm at the flowering stage. If the trees do not flower, by that time, to induce the flowering, spray any one of the following, 0.5% Urea (5g/lit.) OR 1% Potassium Nitrate (10g/lit.).

Animal Husbandry:

Due to the prevailing weather conditions, cattle may get affected by Foot and mouth disease (FMD),

Hence, farmers are advised to vaccinate their cattle in the nearby veterinary dispensary during this (January) month to protect the cattle from FMD.