
 MSSRF <small>Science for Sustainable Development</small>	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 :	Theni	Forecast Period :	03/01/2024 to 07/01/2024	
	Bulletine No :	MSSRF/ THN/ 001/ 2024	Release Date :	02/01/2024	

Significant past weather	From 29/12/202 3	to 01/01/202 4
Parameters	Past Weather	
Rainfall (mm)	1.5	
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 of 07-01-2024**
 until

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	3	6	4
Maximum Temperature (°C)	26	25	25	25	25
Minimum Temperature (°C)	21	21	20	20	20
Sky Condition (Octas)	6	7	5	7	8
Max. Relative Humidity (%)	90	90	90	90	90
Min. Relative Humidity (%)	70	70	70	70	70
Wind Speed (Kmph)	6	4	6	4	6
Wind Direction	NE	NE	E	NE	NE

SMS Advisory	Chances of light rain during 3, 4, 5, 6 & 7 Jan. Maximum temperature would be in the range of 25°C to 26°C and the minimum temperature would be between 20°C-21°C. Generally cloudy sky will appear for the next five days. Wind expected with the speed of 4-6 Kmph from, Northeast & East 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.

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: (Chilly, Tomato & Animal Husbandry)

Chilly:

The incense of Fruit Rot and die-back disease may attack Chilly crops. Drying up spreads from the flower stalks to the stem, subsequently causing die-back of the branches, stem and the branches wither. Partially affected plants bear fruits which are few and of low quality.

Good control of the disease has been reported by spraying *Pseudomonas fluorescens* @ 50 to 100 gms per 10 litres of water.

Using the chemical method, after 40 days of planting, spray Copper Oxychloride at 1¼ Kg per acre at 20-day intervals.

Rose:

Because of the wet weather condition, the incidence of sucking pests is noticed in Rose, Jasmine and Tuberose crops. This pest affects all the stages of the crop.

To control this, a foliar spray of 10 gms of Metarhizium and 10 gms of Verticellium per litre of water is recommended.

Also, place five yellow sticky traps at a height of half feet above the crop height with 5 to 10-metre gap.

Spraying activities can be done only on non-rainy days.

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.