
 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 :	20/12/2023	to		24/12/2023
	Bulletine No :	MSSRF/ THN/ 101/ 2023	Release Date :	19/12/2023			

Significant past weather	From	15/12/202	to	18/12/202
		3		3
Parameters	Past Weather			
Rainfall (mm)	75.2			
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 of 24-12-2023
 until

Parameters	20-12-2023	21-12-2023	22-12-2023	23-12-2023	24-12-2023
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	6	2	3	0	0
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)	8	6	6	6	8
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 6-8 Kmph from, Northeast direction.
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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.

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

Weather Based Agro-Advisories: (Bhendi, Grapes & Animal Husbandry)

Bhendi:

The occurrence of powdery mildew growth is seen in Bhendi fields. Greyish powdery growth is seen on the upper and lower surface of the leaf, it also affects young stems, buds, flowers and young fruits.

Infected leaves may become distorted, turn yellow with small patches of green and fall prematurely, causing a severe reduction in fruit yield.

To control, spray any one of the chemicals, wettable sulphur @ 25gm per tank or Hexaconazole @ 25ml per 10 litres of water.

Plant protection activities can be done only on non-rainy days.

Grapes:

The Prevailing low temperature is favourable for the incidence of Powdery mildew in Grapes crops. Hence, farmers are advised to visit the field and monitor the crop carefully.

To control this disease, spray 0.3% wettable sulphur or Dust Sulphur @ 6 to 12 kg per hectare in the morning hours.

Plant protection activities can be done only on non-rainy days.

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.