

 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 :	Theni	Forecast Period :	27/12/2023	to		31/12/2023
	Bulletine No :	MSSRF/ THN/ 103/ 2023	Release Date :	26/12/2023			

Significant past weather	From	22/12/202	to	25/12/202
		3		3
Parameters	Past Weather			
Rainfall (mm)	2.6			
Maximum Temperature (°C)	31-32			
Minimum Temperature (°C)	21-22			
Sky Condition (Octas)	4-6			
Relative Humidity (%)	56-86			
Wind Speed (kmph)	6-9			

Ensemble Weather Forecast
08:30Hrs of 31-12-2023
 until

Parameters	27-12-2023	28-12-2023	29-12-2023	30-12-2023	31-12-2023
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	0	2	2	1	0
Maximum Temperature (°C)	28	27	27	26	27
Minimum Temperature (°C)	20	20	20	20	20
Sky Condition (Octas)	5	7	8	8	7
Max. Relative Humidity (%)	100	90	90	90	90
Min. Relative Humidity (%)	60	70	70	70	70
Wind Speed (Kmph)	8	10	10	8	6
Wind Direction	NE	NE	NE	NE	NE

SMS Advisory	Chances of light rain during 28, 29 & 30 Dec. Maximum temperature would be in the range of 26°C to 28°C and the minimum temperature would be 20°C. Generally cloudy sky will appear for the next five days. Wind expected with the speed of 6-10 Kmph from, Northeast direction.
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General Advisory:

Wind with the speed of 6 to 10 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.

Since cloudy sky with humid weather is prevailing, farmers are advised to use the Blue sticky trap to monitor the aphids, leaf miners and the yellow sticky trap to monitor the incidence of other sucking pests.

Weather Based Agro-Advisories: (Chilly, Cotton & Animal Husbandry)

Chilly:

To control the flower, fruit falling and to increase fruit set in chilly crop,

Spray NAA 10 ppm (10 mg/l of water) on 60 and 100 days after planting.

Also spray Triaccontanol @ 1.25 ml/l on 20, 40, 60 and 80th day of planting.

Cotton:

Due to the prevailing weather condition the incidence of spotted bollworms seen in Cotton.

The symptoms are, they appear on terminal shoots, drying and drooping of terminal shoots during pre-flowering stage, shedding of squares and young bolls, flaring up of bracts during square and young boll formation stage, holes on bolls and rotting of bolls can also be noticed.

Remove the affected plant parts. To control, spray Fipronil @ 400ml per acre.

Animal Husbandry:

Due to the prevailing weather condition, cattle may get affected by Foot and mouth disease (FMD), Hence, farmers are advised to prevent your Cattle from FMD by vaccinating your cattle at the nearby veterinary dispensary during the month of January.