


 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 :	17/01/2024 to 21/01/2024	
	Bulletine No :	MSSRF/ THN/ 005/ 2024	Release Date :	16/01/2024	

Significant past weather	From	12/01/202	to	15/01/202
	4			4
Parameters	Past Weather			
Rainfall (mm)	0.0			
Maximum Temperature (°C)	31-32			
Minimum Temperature (°C)	21-23			
Sky Condition (Octas)	3-5			
Relative Humidity (%)	50-88			
Wind Speed (kmph)	6-9			

Ensemble Weather Forecast **08:30Hrs of 21-01-2024**
 until

Parameters	17-01-2024	18-01-2024	19-01-2024	20-01-2024	21-01-2024
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	0	0	0	0	0
Maximum Temperature (°C)	26	26	27	27	27
Minimum Temperature (°C)	17	18	18	17	17
Sky Condition (Octas)	3	0	0	1	1
Max. Relative Humidity (%)	80	80	90	90	80
Min. Relative Humidity (%)	40	40	50	40	40
Wind Speed (Kmph)	4	6	6	6	6
Wind Direction	E	NE	NE	NE	NE

SMS Advisory	For the next five days, Maximum temperature would be in the range of 26°C to 27°C and the minimum temperature would be between 17°C-18°C. Mainly clear sky will appear for the next five days. Wind expected with the speed of 4-6 Kmph from, East & Northeast directions.
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General Advisory:

Extended range Forecast for next week (19th – 25th Jan 2024):

Rainfall:

As per extended range predictions, there is possibility of generally dry condition likely over the district during 19th to 25th January 2024.

Maximum Temperature:

Maximum temperatures is likely to be to near normal to slightly below normal and are likely to be in the range 26°C to 32°C over the plains of the district during next week. 19th to 25th January 2024.

Minimum Temperature:

Minimum temperatures are likely to be near normal to slightly above normal and are likely to be in the range 16°C to 20°C over the district during next week 19th to 25th January 2024.

Mostly dry weather is expected for the next 5 days, during these days, farmers can plan for crop protection activities.

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

Banana:

The incense of Rhizome weevil was noticed in the Banana. It grubs bore into the rhizome and cause the death of the plant.

The presence of dark-coloured tunnels is seen in the rhizomes. Death of unopened pip and withering of outer leaves are the other symptoms.

Apply castor cake @ 250g per pit before planting which prevents infestation.

Soil incorporation with 60-100g of Neem kernel powder or Neem cake application at the time of planting and once after 4 months will reduce pest attacks and give good yield.

Cotton:

The incense of Pink bollworm is noticed in Cotton crop. It attacksthe buds, rosette flowers and immature bolls drop off,discoloured lint and burrowed seeds. To manage this, spray any one of the following insecticide Chlorantraniliprole @ 100ml or Fipronil @ 300ml per acre.

Animal Husbandry:

To control the ecto-parasites in sheep & goats,Goat rearing farmers are advised to apply Butox solution (2ml Butox in 1 litre water) externally.