
 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 :	19/04/2024	to		23/04/2024
	Bulletine No :	MSSRF/ THN/ 032/ 2024	Release Date :	18/04/2024			

Significant past weather	From	16/04/202	to	17/04/202
		4		4
Parameters	Past Weather			
Rainfall (mm)	0.8			
Maximum Temperature (°C)	37			
Minimum Temperature (°C)	27			
Sky Condition (Octas)	4-5			
Relative Humidity (%)	41-80			
Wind Speed (kmph)	7-10			

Ensemble Weather Forecast **08:30Hrs of 23-04-2024**
 until

Parameters	19-04-2024	20-04-2024	21-04-2024	22-04-2024	23-04-2024
	Friday	Saturday	Sunday	Monday	Tuesday
Rainfall (mm)	1	2	2	0	1
Maximum Temperature (°C)	34	33	32	32	31
Minimum Temperature (°C)	23	22	22	23	22
Sky Condition (Octas)	4	5	4	4	3
Max. Relative Humidity (%)	70	70	70	80	80
Min. Relative Humidity (%)	20	20	20	20	20
Wind Speed (Kmph)	8	6	8	6	8
Wind Direction	W	W	W	NW	NE

SMS Advisory	Chances of very light rain during 19, 20, 21 & 23 Apr. Maximum temperature would be in the range of 31°C to 34°C and the minimum temperature would be between 22°C - 23°C. Partly cloudy sky will appear for the next five days. Wind is expected with the speed of 6-8 Kmph from, West, Northwest & Northeast directions.
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General Advisory:

Owing to high maximum temperature and moderate wind, more moisture loss is expected and hence, more irrigation should be given to the standing crops.

Livestock:

To protect your animal, ensure the increased mineral supplementation to the animals during hot weather to meet the increased demand of minerals. Potassium rich mineral mixture should be preferred for your cattle. During the daytime, cover the sides of cow shed with wet gunny bags. Animals can be fed with drinking water @ 80 – 100 litres per day per animal in four splits.

Agriculture:

In order to overcome the fodder crisis during summer months, farmers are requested to allot 10 per cent of the irrigated land to fodder crops viz., Cumbu Napier Hybrid or any other fodder crops.

Due to hot and humid conditions, discomfort weather is likely at isolated pockets over the district during next five days (19.04.2024 to 23.04.2024). Hence farmers are advised to plan their field activities during morning and evening hours and avoid working in the field during 12 noon to 4 Pm. Stay safe and take care. Drink adequate water

Weather Based Agro-Advisories: (Sugarcane, Beans & Animal Husbandry)

Sugarcane:

Symptoms of Phosphorus deficiency may be found in Sugarcane. Colour of the leaves is greenish-blue, reduction in length of sugarcane stalks, diameters of which taper rapidly at growing points. Poor or No tillering, decreased shoot/root ratio with restricted root development are the symptoms of damage. To rectify this, apply a large amount of rock phosphate up to 1 Tonne/ha. Foliar spray of DAP @ 20gm/litre, twice in fortnight intervals.

Beans:

Due to the prevailing weather condition, there are chances for the incidence of Powdery mildew in the Beans crop. The symptom of damage is small cottony spots appear on the infected leaves. Defoliation of severely infected plants occurs before maturity. To prevent this, spray Pseudomonas @ 60gms + Trichoderma Viride @ 60gms per 10litres of water along with 10ml of Sticky agent, 2 times in 10 days intervals. During severe infection, spray Tebuconazole @ 100ml per acre with sticky agent @ 1ml per 1 litre of water.

Animal Husbandry:

Prevailing weather is favourable for skin infection and disease transmission in livestock. So, contact the nearby veterinarian and take his advice. Animals should not be allowed to walk long distances while grazing. A high amount of green fodder and concentrated feed should be provided to livestock. Increase the feeding frequency of the livestock.