
 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 :	11/10/2023 to 15/10/2023	
	Bulletine No :	MSSRF/ THN/ 081/ 2023	Release Date :	10/10/2023	

Significant past weather	From	06/10/2023	to	09/10/2023
Parameters	Past Weather			
Rainfall (mm)	5.4			
Maximum Temperature (°C)	37-38			
Minimum Temperature (°C)	23-25			
Sky Condition (Octas)	2-5			
Relative Humidity (%)	50-70			
Wind Speed (kmph)	5-9			

Ensemble Weather Forecast until 08:30Hrs of 15-10-2023

Parameters	11-10-2023	12-10-2023	13-10-2023	14-10-2023	15-10-2023
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	45	40	35	30	20
Maximum Temperature (°C)	34	34	34	33	33
Minimum Temperature (°C)	24	24	24	23	23
Sky Condition (Octas)	8	8	8	7	7
Max. Relative Humidity (%)	82	82	82	80	80
Min. Relative Humidity (%)	65	65	65	62	62
Wind Speed (Kmph)	5	5	5	4	4
Wind Direction	SE	SE	SE	S	S

SMS Advisory	Chances of Rather heavy rain on 11, 12 Oct & Moderate rain during 13, 14, 15 Oct. Maximum temperature would be in the range of 33°C to 34°C and the minimum temperature would be between 23°C - 24°C. Cloudy sky will appear for the next five days. Wind expected with the speed of 4-5 Kmph from, Southeast & South directions.
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General Advisory:

Heavy rain is likely to occur at isolated places over the district on 11 & 12 October 2023. Farmers are advised to act swiftly to repair the water channels, farm ponds and other water bodies to harvest the rain water. During these days farmers are advised to avoid irrigation, inter-cultural operations and application of plant protection measures to the standing crops, provide adequate drainage facilities in the fields to avoid water stagnation due to heavy rainfall, do not allow the animals to grazing outside, standing near the trees or electric poles & provide safe shelter.

Weather Based Agro-Advisories: (Brinjal, Jasmine & Animal Husbandry)

Brinjal:

The occurrence of sucking pests like Aphids & whiteflies may be noticed in the Brinjal crop. To control, mix Neem Oil @ 50ml + Pseudomonas @ 50gm + Sticky agent @ 10ml with 10 litres of water. Spray 2 times at 10 days intervals. Also, tie Yellow sticky traps @ 5 per acre and Blue sticky traps @ 5 per acre. Spraying should be done only on non-rainy days.

Jasmine:

Manganese deficiency symptoms are noticed in some Jasmine fields. The symptoms are leaves showing yellowish-green background with fine nature of green veins and interveinal chlorosis of leaves.

To overcome this deficiency, soil application of MnSO_4 @ 5 to 10 gms/plant or Foliar spray of MnSO_4 0.5% at fortnightly intervals is recommended. Spraying should be done only on non-rainy days.

Animal Husbandry:

Due to the prevailing weather conditions, the Enterotoxaemia disease may affect the Goats. The main symptom of the disease is sudden death in young growing kids. Mucous diarrhoea may also be seen during death.

To prevent this disease, do not feed on young grass,

Allow the goats to graze one hour after the sunshine.

Vaccinate the animals once a year before the onset of monsoon.