
 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.kannivadi@gmail.com Fax: 044 – 22541319					
	District :	Dindigul	Forecast Period :	11/10/2023	to	
	Bulletin No:	MSSRF/ DGL /081/ 2023	Release Date :	10/10/2023		

Significant past weather	From	06/10/2023	to	09/10/2023
Parameters	Past Weather			
Rainfall (mm)	21.6			
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 **15-10-2024**

Parameters	11-10-2023	12-10-2023	13-10-2023	14-10-2023	15-10-2023
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	40	38	35	30	20
Maximum Temperature (°C)	36	36	36	35	35
Minimum Temperature (°C)	25	25	25	24	24
Sky Condition (Octa)	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 35°C to 36°C and the minimum temperature would be between 24°C - 25°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: (Cotton, Paddy & Animal Husbandry).

Cotton:

The incidence of whitefly and jassids were noticed in cotton, hence farmers are advised to set up Yellow& Blue sticky traps each @ 6Nos./acre for monitoring the sucking pests and spray fish oil resin soap@ 20gm per litre of water. Spraying should be done only on non-rainy days.

Paddy:

This is the time for the application of Manures and Fertilizers in Paddy fields. Farmers are advised to apply 50 kg N, 28kg P and 25kg K per hectare as a blanket recommendation. Also apply 25 kg of N and 12 ½ kgs of K in two equal splits at 20 – 25 days and 40 - 45 days after germination. 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.