
 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 :	18/10/2023 to 22/10/2023	
	Bulletin No:	MSSRF/ DGL /083/ 2023	Release Date :	17/10/2023	

Significant past weather	From	13/10/2023	to	16/10/2023
Parameters	Past Weather			
Rainfall (mm)	41.4			
Maximum Temperature (°C)	32-34			
Minimum Temperature (°C)	23-25			
Sky Condition (Octas)	6-7			
Relative Humidity (%)	68-95			
Wind Speed (kmph)	1-4			

Ensemble Weather Forecast until 08:30Hrs of **22-10-2024**

Parameters	18-10-2023	19-10-2023	20-10-2023	21-10-2023	22-10-2023
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	40	8	10	20	15
Maximum Temperature (°C)	31	31	31	30	30
Minimum Temperature (°C)	23	23	23	22	22
Sky Condition (Octa)	8	8	8	6	6
Max. Relative Humidity (%)	96	96	96	92	92
Min. Relative Humidity (%)	78	78	78	74	74
Wind Speed (Kmph)	6	6	6	5	5
Wind Direction	E	E	E	SE	SE

SMS Advisory	Chances of Rather heavy rain on 18 Oct & Moderate rain during 19, 20, 21, 22 Oct. Maximum temperature would be in the range of 30°C to 31°C and the minimum temperature would be between 22°C - 23°C. Cloudy sky will appear for the next five days. Wind expected with the speed of 5-6 Kmph from, East & Southeast directions.
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General Advisory:

Heavy rain is likely to occur at isolated places over the district on 18 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: (LabLab, Brinjal & Animal Husbandry).

LabLab:

After the short spell of rainfall, there may be a chance of the incidence of Leaf hopper in the LabLab crop.

The symptoms are, leaves mottle and yellowish in colour, and green colour insects found on the under surface of leaves

Spray the infested crop with Emamectin @ 1gm per litre of water. Plant protection activities can be done, only on non-rainy days.

Brinjal:

To increase the yield in Brinjal, farmers are advised to spray growth regulators in Brinjal fields.

Spray 1ml Triaccontanol plus Sodium Borate or Borax @ 35 mg/litre of water, 15 days after transplanting and at the time of full bloom to increase the yield.

Plant protection activities can be done, only on non-rainy days.

Animal Husbandry:

Hemorrhagic Septicemia disease may affect cattle during the rainy season. This disease mainly affects the cow, buffalo, and crossbreed cows.

The main symptoms are fever, dysentery, and swelling of the lower mandible.

Farmers are advised to approach the nearby veterinarian and vaccinate the animal once a year.