
	AgroMet Advisory Bulletin (AAB) Jointly released by Regional Meteorology Centre, Chennai – India Meteorology Department, Reddiarchatham Seed Growers Association & M. S. Swaminathan Research Foundation, Kannivadi Phone no.: 044 - 22541229 E mail: amfu.kannivadi@gmail.com Fax: 044 – 22541319				
	District :	Madurai	Forecast Period :	18/10/2023 to 22/10/2023	
	Bulletine No :	MSSRF/ MDU / 083/ 2023	Release Date :	17/10/2023	

Significant past weather	From	13/10/2023	to	16/10/2023
Parameters	Past Weather			
Rainfall (mm)	30.5			
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 22-10-2023

Parameters	18-10-2023	19-10-2023	20-10-2023	21-10-2023	22-10-2023
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	40	15	10	12	15
Maximum Temperature (°C)	31	31	31	30	30
Minimum Temperature (°C)	23	23	23	22	22
Sky Condition (Octas)	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: (Groundnut, Paddy & Animal Husbandry).

Groundnut:

Since continuous, rainfall is occurring, the farmers who have cultivated groundnut can plan for the second time hand weeding activity.

Apply 160 kg of gypsum per acre in the soil and earth the soil. Provide a proper drainage facility so that rainwater does not stagnate in the field.

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

Paddy:

There are chances for reduced crop growth in Paddy due to nutrient deficiency.

To manage this reduced growth, apply 10 kg of Murate of Potash as a top dressing and

0.5% of Zinc sulphate as a foliar spray.

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.