

	<b>AgroMet Advisory Bulletin (AAB)</b> 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: <a href="mailto:amfu.kannivadi@gmail.com">amfu.kannivadi@gmail.com</a> Fax: 044 – 22541319				
	District :	<b>Madurai</b>	Forecast Period :	<b>01/11/2023</b> to <b>05/11/2023</b>	
	Bulletine No :	<b>MSSRF/ MDU / 087/ 2023</b>	Release Date :	<b>31/10/2023</b>	

Significant past weather	From	27/10/2023	to	30/10/2023
Parameters	Past Weather			
Rainfall (mm)	13.3			
Maximum Temperature (°C)	31-34			
Minimum Temperature (°C)	23-25			
Sky Condition (Octas)	4-7			
Relative Humidity (%)	52-93			
Wind Speed (kmph)	4-9			

**Ensemble Weather Forecast until 08:30Hrs of 05-11-2023**

Parameters	01-11-2023	02-11-2023	03-11-2023	04-11-2023	05-11-2023
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	45	25	12	45	48
Maximum Temperature (°C)	29	29	29	30	30
Minimum Temperature (°C)	23	23	23	24	24
Sky Condition (Octas)	7	7	7	6	6
Max. Relative Humidity (%)	90	90	90	88	88
Min. Relative Humidity (%)	88	88	88	86	86
Wind Speed (Kmph)	6	6	6	5	5
Wind Direction	NE	NE	NE	NE	NE

<b>SMS Advisory</b>	Chances of Rather heavy rain during 1, 4, 5 Nov & Moderate rain on 2, 3 Nov. Maximum temperature would be in the range of 29°C to 30°C and the minimum temperature would be between 23°C - 24°C. Generally cloudy sky will appear for the next five days. Wind expected with the speed of 5-6 Kmph from, Northeast direction.
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**General Advisory:**

Heavy rain is likely to occur at isolated places over the district during 1, 4 & 5 November 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: (Banana, Paddy & Animal Husbandry).**

**Banana:**

It is important to apply micronutrients to Banana crops planted in garden land, spraying of Plantozyme @ 2ml/litre of water is recommended. Similarly, Acid lime and Zinc Sulphate @ 5gm/litre of water can also be sprayed at this stage. Spraying activities should be carried out only on the non-raining days.

**Paddy:**

At present, there is a possibility for stunting of crop growth due to nutrient deficiency in rice. To overcome this, immediately apply 10 kg of Muriate of potash fertilizer per acre as a top dressing and spray 0.5% Zinc sulphate fertilizer as a foliar spray. Spraying activities should be carried out only on the non-raining days.

**Animal Husbandry:**

To protect the livestock from thunderstorms and lightning, farmers are requested to avoid grazing animals during rains, particularly grazing sheep and goats in flocks which are more prone to lightning shock.

Farmers should avoid tethering animals near barbed wire fencing posts and trees.

Trees near the animal sheds should be pruned to avoid accidental falls during heavy wind. Further trees like rain trees and vathanarayanan are more prone to uprooting.

More chance of lightning near hilly areas and undulated landscapes than in plains.

For fences with wooden poles and metal wires, it is advisable to check the condition of the buried parts at most once in 5 years and do the necessary replacement before the thunderstorm season begins.