
	<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.kanniwadi@gmail.com">amfu.kanniwadi@gmail.com</a> Fax: 044 – 22541319				
	District :	<b>Madurai</b>	Forecast Period :	<b>13/09/2023</b> to <b>17/09/2023</b>	
	Bulletine No :	<b>MSSRF/ MDU / 073/ 2023</b>	Release Date :	<b>12/09/2023</b>	

Significant past weather	From	08/09/2023	to	11/09/2023
Parameters	Past Weather			
Rainfall (mm)	2.4			
Maximum Temperature (°C)	34-39			
Minimum Temperature (°C)	25-27			
Sky Condition (Octas)	4-7			
Relative Humidity (%)	46-71			
Wind Speed (kmph)	8-15			

**Ensemble Weather Forecast until 08:30Hrs of 17-09-2023**

Parameters	13-09-2023	14-09-2023	15-09-2023	16-09-2023	17-09-2023
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	3	2	2	5	5
Maximum Temperature (°C)	37	36	36	35	35
Minimum Temperature (°C)	26	25	25	24	24
Sky Condition (Octas)	7	7	6	8	8
Max. Relative Humidity (%)	70	70	70	70	70
Min. Relative Humidity (%)	50	40	40	50	40
Wind Speed (Kmph)	12	10	10	12	12
Wind Direction	NW	SW	W	SW	SW

<b>SMS Advisory</b>	Chances of light rain during 13, 14, 15, 16 & 17 Sep. Maximum temperature would be in the range of 35°C to 37°C and the minimum temperature would be between 24°C - 26°C. Generally cloudy sky will appear for the next five days. Wind expected with the speed of 10-12 Kmph from, Northwest, Southwest & West directions.
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**General Advisory:**

Since some amount of rainfall is received recently, and rainfall is expected for the coming days, farmers can plan for ploughing and land preparation activities. Farmers are advised to postpone the spraying activities for a short while and to take necessary steps for rain water harvesting.

Wind with the speed of 10 to 12 kmph is expected for the next five days. Hence farmers are advised to provide propping in sugarcane and to provide adequate support for crops like Banana, Papaya, Guava and Moringa, to prevent from lodging. For Gourds check the structures /pandhals for damages in the strings and poles and provide adequate support. Postpone the spraying activity.

Light to Moderate rain with thunderstorm & lightning is likely to occur at one or two places over district on 13<sup>th</sup> & 14<sup>th</sup> September 2023. Farmers are advised to take precautionary measures while grazing/herding the sheep, goat, cow on agriculture land for manuring purpose. Do not allow the animals to graze outside, standing near the trees or electric poles. Provide safe shelter for your livestock. . To safeguard your animals from lightning and thunderstorm, remove the metal bells tied to the necks of animals.

## **Weather Based Agro-Advisories: (Paddy, Sorghum & Animal Husbandry).**

### **Paddy:**

The incidence of Whorl maggot is expected in paddy. The symptoms show yellowish-white longitudinal marginal blotching with a hole. Leaves shrivelled plant, stunted and drooping of young leaves near the tip.

Remove the alternate hosts from the field, and apply the optimum recommendation of potash fertilizer.

To control spray Buprofezin @ 350 ml/acre.

### **Sorghum:**

Farmers cultivating rain-fed sorghum can start sowing during this season. Places with an average rainfall of 250-300 mm are the most suitable.

To withstand drought, the seeds should be hardened and then sown. Soak the seeds in a solution mixed with 20g of potassium di-hydrogen phosphate per litre of water for 6 hours and then dry back to their original moisture content in the shade.

### **Animal Husbandry:**

The (livestock) calf may be affected by tiredness, hence, the cattle rearers are advised to feed their calf with 30gms of mineral mixture per day.

Also, de-worm your calf on a regular schedule with the support of a nearby veterinarian.