
	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.kanniwadi@gmail.com Fax: 044 – 22541319				
	District :	Madurai	Forecast Period :	04/10/2023 to 08/10/2023	
	Bulletine No :	MSSRF/ MDU / 079/ 2023	Release Date :	03/10/2023	

Significant past weather		From	29/09/2023	to	02/10/2023
Parameters	Past Weather				
Rainfall (mm)	0.0				
Maximum Temperature (°C)	35-36				
Minimum Temperature (°C)	25-26				
Sky Condition (Octas)	3-7				
Relative Humidity (%)	49-68				
Wind Speed (kmph)	8-13				

Ensemble Weather Forecast until 08:30Hrs of 08-10-2023

Parameters	04-10-2023	05-10-2023	06-10-2023	07-10-2023	08-10-2023
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	2	2	2	3	2
Maximum Temperature (°C)	35	35	35	34	34
Minimum Temperature (°C)	25	24	24	24	23
Sky Condition (Octas)	1	1	4	8	0
Max. Relative Humidity (%)	70	70	70	70	70
Min. Relative Humidity (%)	30	30	30	30	30
Wind Speed (Kmph)	6	4	6	8	6
Wind Direction	SW	SW	NW	NE	SE

SMS Advisory	Chances of very light to light rain during the next five days .Maximum temperature would be in the range of 34°C to 35°C and the minimum temperature would be between 23°C - 25°C. Partly cloudy sky will appear for the next five days. Wind expected with the speed of 4-8 Kmph from, Southwest, Northwest, Northeast & Southeast directions.
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General Advisory:

Light to Moderate rain with thunderstorm & lightning is likely to occur at one or two places over district on 4th October 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.

Since very less amount of rainfall is forecasted for next 5 days, farmers can plan for crop protection activities.

Weather Based Agro-Advisories: (Paddy, Sugarcane & Animal Husbandry).

Paddy:

Using the prevailing weather condition, paddy farmers can raise Azolla as a dual crop by inoculating 250 kg/ha 3 to 5 DAT and then incorporate during weeding for the wet season crop.

Broadcast 10 kg of soil based powdered BGA flakes at 10 DAT and maintain a thin film of water for multiplication.

Sugarcane:

Due to the prevailing weather conditions the incidence of Yellow Leaf disease is seen in Sugarcane. This disease affects the 5 to 6-month crop.

The symptoms are yellowing of the midrib and adjacent lamina region. Subsequent leaf drying along the midrib in 3 to 5 leaves from the top. Sometimes in severe cases, it shows the bunchy top appearance at the top of the cane. This disease will spread heavily in matured cane.

The field should be maintained hygienically. Proper application of Fertilizer, irrigation, and nutritional management should be done.

To control this disease spray Imidacloprid @ 100ml per acre.

Animal Husbandry:

During the rainy season, the chances of growth of coccidial oocysts as well as the Clostridium perfringens and E. coli are more.

Enterotoxaemia occurs due to sudden changes in feed or damage to the intestinal mucosa.

High dietary levels of dry fish, fishmeal and wheat may be avoided for the poultry.

The enterotoxaemia can be prevented by using good quality feed ingredients free from mycotoxins and deworming of the desi birds.

Similarly, the litter moisture should be kept low.