
	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 :	Madurai	Forecast Period :	27/09/2023 to 01/10/2023	
	Bulletine No :	MSSRF/ MDU / 077/ 2023	Release Date :	26/09/2023	

Significant past weather	From	22/09/2023	to	25/09/2023
Parameters	Past Weather			
Rainfall (mm)	25.9			
Maximum Temperature (°C)	37-38			
Minimum Temperature (°C)	25-26			
Sky Condition (Octas)	4-5			
Relative Humidity (%)	41-79			
Wind Speed (kmph)	5-10			

Ensemble Weather Forecast until 08:30Hrs of 01-10-2023

Parameters	27-09-2023	28-09-2023	29-09-2023	30-09-2023	01-10-2023
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	2	3	3	2	3
Maximum Temperature (°C)	37	36	36	35	35
Minimum Temperature (°C)	26	25	25	24	24
Sky Condition (Octas)	6	8	8	8	7
Max. Relative Humidity (%)	70	70	80	80	80
Min. Relative Humidity (%)	40	50	50	50	60
Wind Speed (Kmph)	8	10	14	18	14
Wind Direction	W	SW	SW	SW	SW

SMS Advisory	Chances of light rain during the next five days. Maximum temperature would be in the range of 35°C to 37°C and the minimum temperature would be between 24°C - 26°C. Cloudy sky will appear for the next five days. Wind expected with the speed of 8-18 Kmph from, West & Southwest directions.
-------------------------	--

General Advisory:

Light to Moderate rain with thunderstorm & lightning is likely to occur at one or two places over district on 27th & 28 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.

Since cloudy sky with humid weather is prevailing, farmers are advised to use the Blue sticky trap to monitor the aphids, leaf miners and the yellow sticky trap to monitor the incidence of other sucking pests.

Wind with the speed of 8 to 18 kmphs 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.

Weather Based Agro-Advisories: (Redgram, Cotton & Animal Husbandry).

Redgram:

The incense of Alternaria Leaf Spot disease is expected in Redgram. The symptom appears on leaves with small necrotic spots and these gradually increase in and form characteristic lesions with dark and light brown concentric rings, as the infection progresses, the lesions coalesce and cause blighting of leaves.

The disease is mostly confined to older leaves in adult plants but may infect new leaves of young plants, particularly in the post-rainy time.

Spray Propineb@ 25gm/tank

Cotton:

The incense of Thrips in cotton. The symptoms are, shrivelling of leaves due to scrapping of the epidermis and de-sapping.

Attacked terminal buds have ragged edges. A silvery shiny appearance seems under the surface of the leaves.

To control, spray Imidacloprid 200 SL @ 100 ml/acre.

Animal Husbandry:

Goat-rearing farmers are advised to save their goats from mortality.

As a preventive measure against Haemorrhagic Septicemia, goats have to be vaccinated once a year before the onset of the rainy season, Contact the nearby veterinarian and vaccinate your goats.