
	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 :	19/06/2024 to 23/06/2024	
	Bulletine No :	MSSRF/ MDU / 049/ 2024	Release Date :	18/06/2024	

Significant past weather	From	14/06/202	to	17/06/202
		4		4
Parameters	Past Weather			
Rainfall (mm)	3.9			
Maximum Temperature (°C)	38-40			
Minimum Temperature (°C)	26-27			
Sky Condition (Octas)	4-5			
Relative Humidity (%)	39-65			
Wind Speed (kmph)	8-18			

Ensemble Weather Forecast 08:30Hrs
until of 23-06-2024

Parameters	19-06-2024	20-06-2024	21-06-2024	22-06-2024	23-06-2024
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	4	3	3	3	4
Maximum Temperature (°C)	39	38	37	37	36
Minimum Temperature (°C)	25	24	23	23	22
Sky Condition (Octas)	8	7	7	8	8
Max. Relative Humidity (%)	70	70	70	70	80
Min. Relative Humidity (%)	50	40	40	50	70
Wind Speed (Kmph)	12	12	14	12	6
Wind Direction	W	NW	W	W	NW

SMS Advisory	Chances of light rain during the next five days. Maximum temperature would be in the range of 36°C to 39°C and the minimum temperature would be between 22°C - 25°C. Cloudy sky will appear for the next five days. Wind is expected with the speed of 6-14 Kmph from, West & Northwest directions.
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General Advisory:

Extended range Forecast for next week (21st to 27th June 2024):

Rainfall:

As per extended range predictions, there is possibility of below normal rainfall likely over the district during 21st to 27th June 2024.

Maximum Temperature:

Maximum temperatures are likely to be near normal to slightly above normal and are likely to be in the range 28°C to 34°C over the plains of the district during next week. 21st to 27th June 2024.

Minimum Temperature:

Minimum temperatures are likely to be near normal to slightly above normal and are likely to be in the range 20°C to 24°C over the district during next week 21st to 27th June 2024.

Agriculture:

Farmers planning to cultivate vegetable crops are advised to apply 200 kg of well decomposed farm yard manure along with each 1 kg of *Trichoderma viride* and *Pseudomonas fluorescens* per acre.

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

Banana:

The incense of *Fusarium* wilt disease noticed in Banana. The first obvious signs of the disease in most of the varieties are wilting, a light yellow colouring of the lower leaves, most prominent around the margins, they eventually turn into bright yellow colour with dead leaf margins.

To avoid this, follow the crop rotation practices.

To control this, apply 2kg of Farm yard manure + *Trichoderma viride* @ 40gm + *Pseudomonas* @ 40gm + Neem Cake @ 200gm, mix thoroughly, and apply ½ a foot away from the root portion of the suckers.

Sugarcane:

Micronutrient deficiency symptoms may be noticed in sugarcane crops.

To alleviate the micronutrient deficiency as well as to improve the yield of ratoon sugarcane, foliar spraying of Sugarcane booster @ 1kg/acre at the time of 45 days after planting, and 1.5kg/acre at the time of 60 days after planting and @ 2kg/acre at the time of 75 days after planting is recommended. Mix the booster with 200 liters of water along with the sticking agent.

Animal Husbandry:

Due to prevailing weather conditions, there is a chance for Black quarter disease in the cow. This disease usually affects young cattle of 6 months to about 2-3 years of age.

The symptoms are crepitating, swelling in the hind or fore quarter, lameness, and muscles shows trembling with violent twitching. Death usually occurs within 24 hours. Hyper immune serum (HIS) is used to control explosive outbreaks.

Immediately contact the local veterinarian to treat the disease. Vaccinate the cow every year one month before the rainy season.