
	AgroMet Advisory Bulletin (AAB) Jointly released by Regional Meteorology Centre, Chennai – India Meteorology Department, Reddiarchatham 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 :	21/06/2023 to 25/06/2023	
	Bulletine No :	MSSRF/ MDU / 049/ 2021	Release Date :	20/06/2023	

Significant past weather	From	16/06/2023	to	19/06/2023
Parameters	Past Weather			
Rainfall (mm)	0.8			
Maximum Temperature (°C)	35-41			
Minimum Temperature (°C)	26-27			
Sky Condition (Octas)	3-7			
Relative Humidity (%)	35-70			
Wind Speed (kmph)	2-9			

Ensemble Weather Forecast until 08:30Hrs of **25-06-2023**

Parameters	21-06-2023	22-06-2023	23-06-2023	24-06-2023	25-06-2023
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	6	4	3	4	0
Maximum Temperature (°C)	37	36	35	34	34
Minimum Temperature (°C)	27	26	25	25	24
Sky Condition (Octas)	8	8	8	8	8
Max. Relative Humidity (%)	70	70	70	70	70
Min. Relative Humidity (%)	50	40	40	40	40
Wind Speed (Kmph)	6	8	6	6	6
Wind Direction	SW	SW	NW	SW	SW

SMS Advisory	Chances of light rain during 21, 22, 23 & 24 Jun. Maximum temperature would be in the range of 34°C to 37°C and the minimum temperature would be between 24°C - 27°C. Cloudy sky will appear for the next five days. Wind expected with the speed of 6-8 Kmph from Southwest & Northwest directions.
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Extended range Forecast for next week (23rd – 29th June 2023):

General Advisory

Rainfall:

As per extended range predictions, there is possibility of slightly above normal rainfall likely over the district during 23rd to 29th June 2023.

Maximum Temperature:

Maximum temperatures is likely to be near normal and are likely to be in the range 32°C to 36°C over the plains of the district during next week. 23rd to 29th June 2023.

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 23rd to 29th June 2023.

Light to Moderate rain with thunderstorm and lightning is likely to occur at one or two places over district during 21, 22, 23, 24 & 25 June 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.

Since some amount of rainfall has been received recently, and rainfall is expected for the coming days, farmers can plan for ploughing and land preparation activities, and sowing/transplanting work can be started in the already prepared lands. Farmers are also advised to act swiftly to repair the water channels, farm ponds and other water bodies to harvest the rainwater. Postpone the spraying activities for a short while.

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

Banana:

The occurrence of Cutworm is noticed in the Banana crop. The symptom of damage is young larvae feed by scraping the leaves from the ventral surface, and later on feed voraciously at night on the foliage.

To control spray *Bacillus thuringiensis* @ 40ml + Sticky agent @ 10ml with 10 litres of water.

Growing the Marigold flower crop as a border crop in a ratio of 16:1 will also give good results for this.

Chilly:

The incidence of Chilly thrips is noticed in Chilly fields. The infected leaves develop crinkles and curl upwards. Elongated petiole, Buds become brittle and dropdown.

Early-stage, infestation leads to stunted growth and flower production, and fruit sets get arrested.

To avoid this, intercrop with Agathi crop (*Sesbania grandiflora*) to provide shade which regulates the Thrips population.

Sprinkle water over the seedlings to check the multiplication of Thrips. Spray the insecticide Imidacloprid 17.8% SL @ 3ml/10 litres of water.

Animal Husbandry:

Farmers are advised to provide 2 to 3 grams of baking soda and 15 to 20gms of cooking salt with the routine daily feed of cows, this will help to increase the SNF rate in the milk.