
 MSSRF Science for Sustainable Development	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 :	Dindigul	Forecast Period :	21/06/2023	to	
	Bulletin No:	MSSRF/ DGL / 049/ 2023	Release Date :	20/06/2023		

Significant past weather	From	16/06/2023	to	19/06/2023
Parameters	Past Weather			
Rainfall (mm)	2.6			
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 **25-06-2024**

Parameters	21-06-2023	22-06-2023	23-06-2023	24-06-2023	25-06-2023
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	6	6	8	8	2
Maximum Temperature (°C)	37	36	35	34	34
Minimum Temperature (°C)	27	26	25	25	24
Sky Condition (Octa)	8	8	8	8	8
Max. Relative Humidity (%)	70	70	70	70	70
Min. Relative Humidity (%)	50	40	40	40	40
Wind Speed (Kmph)	8	10	10	12	10
Wind Direction	W	SW	W	W	SW

SMS Advisory	Chances of light rain on 21, 22 Jun & Moderate rain on 23, 24 Jun. Maximum temperature would be in the range of 34°C to 37°C and the minimum temperature would be between 22°C - 25°C. Cloudy sky will appear for the next five days. Wind expected with the speed of 10-12 Kmph from West & Southwest 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: (Tomato, Bitter gourd & Animal Husbandry).

Tomato:

The incense of Leaf Curl virus disease is noticed in Tomatoes. The symptom appears on newly grown plants; tomato yellow leaf curl virus reduces the internodes and also gives the plant a stunted appearance.

The new leaves also greatly reduce in size, wrinkled and yellowed between the veins. Have margins that curl upward, giving them a cup-like appearance.

Flowers may appear but usually will drop before the fruit set.

To control spray the composite of Fermented curd 250ml + Pseudomonas 40gm + 2 egg white with 10 litres of water.

Bitter gourd:

The incense of plant hoppers was noticed in Bitter gourd.

To control the hoppers, spray well-fermented curd @ 300ml + pseudomonas @ 40gm + egg white @ 20ml per 10 litres of water after harvesting the vegetables.

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.