
 MSSRF Science for Sustainable Development	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.kannivadi@gmail.com Fax: 044 – 22541319				
	District :	Dindigul	Forecast Period :	21/10/2023 to 25/10/2023	
	Bulletin No:	MSSRF/ DGL /084/ 2023	Release Date :	20/10/2023	

Significant past weather	From	17/10/2023	to	19/10/2023
Parameters	Past Weather			
Rainfall (mm)	14.8			
Maximum Temperature (°C)	30-33			
Minimum Temperature (°C)	23-24			
Sky Condition (Octas)	5-6			
Relative Humidity (%)	55-93			
Wind Speed (kmph)	4-8			

Ensemble Weather Forecast until 08:30Hrs of **25-10-2024**

Parameters	21-10-2023	22-10-2023	23-10-2023	24-10-2023	25-10-2023
	Saturday	Sunday	Monday	Tuesday	Wednesday
Rainfall (mm)	8	10	18	40	40
Maximum Temperature (°C)	34	34	34	33	33
Minimum Temperature (°C)	24	24	24	23	23
Sky Condition (Octa)	6	6	6	5	5
Max. Relative Humidity (%)	80	80	80	78	78
Min. Relative Humidity (%)	60	60	60	58	58
Wind Speed (Kmph)	8	8	8	6	6
Wind Direction	E	E	E	SE	SE

SMS Advisory	Chances of Moderate rain during 21, 22, 23 Oct & Rather heavy rain on 24, 25 Oct. Maximum temperature would be in the range of 33°C to 34°C and the minimum temperature would be between 23°C - 24°C. Generally cloudy sky will appear for the next five days. Wind expected with the speed of 6-8 Kmph from, East & Southeast directions.
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General Advisory:

Extended range Forecast for next week (20th – 26th Oct 2023):

Rainfall:

As per extended range predictions, there is possibility of below normal rainfall likely over the district during 20th to 26th October 2023.

Maximum Temperature:

Maximum temperatures is likely to be near normal to slightly above normal and are likely to be in the range 28°C to 32°C over the plains of the district during next week. 20th to 26th October 2023.

Minimum Temperature:

Minimum temperatures are likely to be near normal to above normal and are likely to be in the range 18°C to 24°C over the district during next week 20th to 26th October 2023.

It is expected to receive rainfall in the forthcoming days. Hence the vegetable, fruit, and flower cultivating farmers are requested to carry out top dressing of manure followed by the earth-up operation.

Since Moderate to Rather Heavy rainfall is expected for the next five days, Farmers are advised to act swiftly to repair the water channels, farm ponds and other water bodies to harvest the rain water. During these days farmers are advised to avoid irrigation, intercultural operations and application of plant protection measures to the standing crops, provide adequate drainage facilities in the fields to avoid water stagnation due to heavy rainfall, do not allow the animals to grazing outside, standing near the trees or electric poles & provide safe shelter.

Weather Based Agro-Advisories: (Bhendi, Pumpkin & Animal Husbandry).

Bhendi:

The occurrence of powdery mildew growth is seen in Bhendi fields. Greyish powdery growth is seen on the upper and lower surface of the leaf, it also affects young stems, buds, flowers and young fruits.

Infected leaves may become distorted, turn yellow with small patches of green and fall prematurely, causing a severe reduction in fruit yield.

To control, spray any one of the chemicals, wettable sulphur @ 25gm per tank or Hexaconazole @ 25ml per 10 litres of water.

Plant protection activities can be done only on non-rainy days.

Pumpkin:

Due to the prevailing weather condition the incense of Downy mildew in Gourds. During wet season, corresponding lower surface is covered with faint purplish fungal growth. The entire leaf dries up quickly.

To manage, use bed system with wide spacing, good drainage, air movement and exposure to sun.

Spraying of Chlorothalonil @ 10gm per tank along with 10ml of sticky agent is effective in reducing the disease.

Animal Husbandry:

Due to the prevailing weather condition, farmers are advised to allow the cattle for grazing only after 2 hrs of sunrise.

Cover the cow shed with gunny bags, keep the floor in dry condition.

Dry feed and greens should be feed without moisture to avoid the fungal infection.