
 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 :	20/12/2023	to	
	Bulletin No:	MSSRF/ DGL /101/ 2023	Release Date :	19/12/2023		

Significant past weather	From	15/12/2023	to	18/12/2023
		3		3
Parameters	Past Weather			
Rainfall (mm)	38.8			
Maximum Temperature (°C)	30-33			
Minimum Temperature (°C)	23-25			
Sky Condition (Octas)	5-8			
Relative Humidity (%)	67-95			
Wind Speed (kmph)	6-14			

Ensemble Weather Forecast
 until **08:30Hrs of 24-12-2024**

Parameters	20-12-2023	21-12-2023	22-12-2023	23-12-2023	24-12-2023
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	8	3	3	0	0
Maximum Temperature (°C)	25	24	23	24	24
Minimum Temperature (°C)	23	23	22	23	23
Sky Condition (Octa)	7	4	7	4	6
Max. Relative Humidity (%)	90	90	90	90	90
Min. Relative Humidity (%)	80	70	60	50	70
Wind Speed (Kmph)	6	6	6	8	8
Wind Direction	NE	NW	NW	NE	NE

SMS Advisory	Chances of Moderate rain on 20 Dec & light rain on 21, 22 Dec. Maximum temperature would be in the range of 23°C to 25°C and the minimum temperature would be between 22°C - 23°C. Generally cloudy sky will appear for the next five days. Wind expected with the speed of 6-8 Kmph from, Northeast direction.
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General Advisory:

Since cloudy humid weather is prevailing, farmers are advised to use the yellow sticky trap @ 10-15/acre to monitor the incidence of sucking pests.

Since light to Moderate rainfall is expected for the next three days, farmers are advised to provide adequate drainage facilities to all crops fields.

Provide drainage facilities in the in Paddy and other fields to avoid water stagnation.

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

Tomato:

The incidence of Early Blight is expected in Tomato. This is a common disease of tomatoes occurring on the foliage at any stage of growth.

The fungus attacks the foliage causing characteristic leaf spots and blight. Blight is first observed on the plants as small, black lesions mostly on the older foliage. Lesions on the stems are similar to those on leaves, which also infects the fruit. Lesions usually involve nearly the entire fruit.

Remove and destroy the crop debris.

To control foliar spray Difenoconazole @ 15ml with 10 litres of water.

Spraying activity can be carried out during the non-rainy day.

Cotton:

Spraying of Naphthalene Acetic Acid (NAA) for Cotton crop will give good results. 40 mg of NAA dissolved in one litre of water will give 40 ppm.

Spray 40 ppm NAA at 60 and 90 days after sowing on the crop to prevent the early shedding of buds and squares and to increase the yield.

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

Animal Husbandry:

Due to the prevailing cold weather conditions, cattle rearers are advised to allow the cattle to graze only after 2 hours of sunrise.

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

Dry fodder and greens should be fed without moisture to avoid fungal infection.