
 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 :	22/07/2023	to	
	Bulletin No:	MSSRF/ DGL /058/ 2023	Release Date :	21/07/2023		

Significant past weather	From	18/07/2023	to	20/07/2023
Parameters	Past Weather			
Rainfall (mm)	0.0			
Maximum Temperature (°C)	37			
Minimum Temperature (°C)	26-27			
Sky Condition (Octas)	4-6			
Relative Humidity (%)	40-60			
Wind Speed (kmph)	12-23			

Ensemble Weather Forecast until 08:30Hrs of **26-07-2024**

Parameters	22-07-2023	23-07-2023	24-07-2023	25-07-2023	26-07-2023
	Saturday	Sunday	Monday	Tuesday	Wednesday
Rainfall (mm)	2	4	6	6	4
Maximum Temperature (°C)	33	32	31	30	30
Minimum Temperature (°C)	24	24	22	23	23
Sky Condition (Octa)	5	6	7	6	5
Max. Relative Humidity (%)	70	70	75	75	75
Min. Relative Humidity (%)	60	60	65	65	65
Wind Speed (Kmph)	14	14	14	12	12
Wind Direction	W	W	W	NW	W

SMS Advisory	Chances of light rain during 22, 23, 24, 25 & 26 Jul. Maximum temperature would be in the range of 30°C to 33°C and the minimum temperature would be between 22°C - 24°C. Generally cloudy sky will appear for the next five days. Wind expected with the speed of 12-14 Kmph from, West & Northwest directions.
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General Advisory:

Extended range Forecast for next week (21st – 27th July 2023):

Rainfall:

As per extended range predictions, there is possibility of slightly above normal rainfall likely over the district during 21st to 27th July 2023.

Maximum Temperature:

Maximum temperatures is likely to be near normal to slightly below normal and are likely to be in the range 26°C to 32°C over the plains of the district during next week. 21st to 27th July 2023.

Minimum Temperature:

Minimum temperatures are likely to be near normal and are likely to be in the range 18°C to 24°C over the district during next week 21st to 27th July 2023.

Wind with the speed of 12 to 14 kmph is expected for the next five days. Hence farmers are advised to provide propping in sugarcane and to provide adequate support for crops like Banana, Papaya, Guava and Moringa, to prevent from lodging. For Gourds check the structures /pandhals for damages in the strings and poles and provide adequate support. Postpone the spraying activity.

Weather Based Agro-Advisories: (Sunflower, Moringa & Animal Husbandry).

Sunflower:

The incidence of Leaf hoppers may be noticed in the sunflower crop. Young insects and adults suck the sap of the crop.

The leaves turn pale yellow and the leaves curl inwards during the intense attack. The leaf edges turn pinkish brown.

To control this, spray Imidacloprid 70% WS @ 490 ml/ha.

To avoid these pests, as a preventive measure, seed treatment should be done before sowing by mixing Imidacloprid 70% WS @ 7g per kg of seed. So that there will be no pest attack on the crop for 7 weeks.

Spraying should be done only on non-rainy days.

Moringa:

The incidence of Pod flies is noticed in Moringa. The symptoms are drying and splitting of fruits from the tip and oozing of gummy exudate from fruit.

Collect and destroy all the fallen and damaged fruits. Use attractants like citronella oil, eucalyptus oil, vinegar (Acetic acid), dextrose, or lactic acid.

Spray insecticides like Nimbecidine @ 3ml/liter at the time of 50% fruit set and 35 days later.

To control this using the biological method, set up pheromone traps at 7Nos./Acre. Spraying should be done only on non-rainy days.

Animal Husbandry:

Hemorrhagic Septicemia disease, which affects cattle, is mostly prevalent during the rainy season. Milch animals, especially buffaloes and crossbred cows, are more susceptible to this disease. Infected animals develop severe fever, dysentery, and swelling in the lower mandible, head, neck, throat, and chest.

Germs of this disease survive longer in humid and waterlogged conditions. As a precautionary measure to avoid this, it is necessary to consult a nearby veterinary doctor before the rainy season and vaccinate the cows.