
 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 :	10/07/2024 to 14/07/2024	
	Bulletin No:	MSSRF/ DGL /055/ 2024	Release Date :	09/07/2024	

Significant past weather	From 05/07/2024 to 08/07/2024
	4 to 4
Parameters	Past Weather
Rainfall (mm)	0.1
Maximum Temperature (°C)	37-40
Minimum Temperature (°C)	26-27
Sky Condition (Octas)	5-7
Relative Humidity (%)	42-75
Wind Speed (kmph)	8-11

Ensemble Weather Forecast
until **08:30Hrs of 14-07-2024**

Parameters	10-07-2024	11-07-2024	12-07-2024	13-07-2024	14-07-2024
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	6	9	7	7	8
Maximum Temperature (°C)	38	37	36	36	36
Minimum Temperature (°C)	26	25	25	24	24
Sky Condition (Octa)	7	8	7	8	8
Max. Relative Humidity (%)	70	70	70	70	70
Min. Relative Humidity (%)	50	40	40	50	50
Wind Speed (Kmph)	10	10	10	10	10
Wind Direction	NW	NW	NW	NW	NW

SMS Advisory	Chances of light rain during 10, 12, 13 July & Moderate rain on 11, 14 July. Maximum temperature would be in the range of 36°C to 38°C and the minimum temperature would be between 24°C - 26°C. Cloudy sky will appear for the next five days. Wind is expected with the speed of 10 Kmph from, Northwest direction.
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General Advisory:

Extended range Forecast for next week (12th to 18th July 2024):

Rainfall:

As per extended range predictions, there is possibility of below normal rainfall likely over the district during 12th to 18th July 2024.

Maximum Temperature:

Maximum temperatures are likely to be generally normal and are likely to be in the range 26°C to 32°C over the plains of the district during next week. 12th to 18th July 2024.

Minimum Temperature:

Minimum temperatures are likely to be near normal and are likely to be in the range 20°C to 24°C over the district during next week 12th to 18th July 2024.

Agriculture:

During Aadi pattam (July-August), farmers can soak seed in one percent potassium chloride solution for 6 hours one day before sowing of quality seeds and leave it to dry for 16 hours in the shade before sowing.

Through this seed hardening treatment, the young seedlings get uniform germination capacity and growth.

Also the seedlings emerge and develop into active seedlings.

Weather Based Agro-Advisories: (Sunflower, Coconut & 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.

Coconut:

Due to the prevailing weather condition, the occurrence of Leaf roller is noticed in Coconut. The symptoms of damage are initially larvae feed on under the surface of leaves and often fold two sides of leaflets by a silken thread and feed inside.

Usually, they are found in the silken web. Severe infestation leads to the skeletonizing of fronds.

To manage, basal application of Neem cake @ 2½ kg + Pseudomonas @ 100gm per tree and root-feeding with Profenophos @ 20ml with 100ml of water per tree is recommended.

Animal Husbandry:

Due to the prevailing weather condition, there are chances for infection of external parasites in goats and sheep.

To remove and control the parasites, Mix 2ml of Butox in one litre of water and apply this Butox solution externally on your sheep & goats.

This solution is only for external use not for internal purposes.