
 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 :	26/06/2024	to	
	Bulletin No:	MSSRF/ DGL /051/ 2024	Release Date :	25/06/2024		

Significant past weather	From 21/06/2024 to 24/06/2024
	4 to 4
Parameters	Past Weather
Rainfall (mm)	1.8
Maximum Temperature (°C)	35-39
Minimum Temperature (°C)	25-27
Sky Condition (Octas)	6
Relative Humidity (%)	55-65
Wind Speed (kmph)	8-19

Ensemble Weather Forecast
 until **08:30Hrs of 30-06-2024**

Parameters	26-06-2024	27-06-2024	28-06-2024	29-06-2024	30-06-2024
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	26	28	13	4	0
Maximum Temperature (°C)	37	35	34	33	33
Minimum Temperature (°C)	27	25	24	23	24
Sky Condition (Octa)	8	8	8	8	5
Max. Relative Humidity (%)	70	70	80	70	70
Min. Relative Humidity (%)	70	60	50	50	40
Wind Speed (Kmph)	10	14	10	8	8
Wind Direction	W	W	NW	W	W

SMS Advisory	Chances of Moderate rain during 26, 27, 28 Jun & light rain on 29 Jun. Maximum temperature would be in the range of 33°C to 37°C and the minimum temperature would be between 23°C - 27°C. Cloudy sky will appear for the next five days. Wind is expected with the speed of 8-14 Kmph from, West & Northwest directions.
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General Advisory:

Extended range Forecast for next week (28th June to 04th July 2024):

Rainfall:

As per extended range predictions, there is possibility of generally normal to slightly above normal rainfall likely over the district during 28th Jun to 04th July 2024.

Maximum Temperature:

Maximum temperatures are likely to be near normal to slightly above normal and are likely to be in the range 26°C to 32°C over the plains of the district during next week. 28th Jun to 04th July 2024.

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 28th Jun to 04th July 2024.

Heavy rain is likely to occur at isolated places over the district on 26 & 27 June 2024. 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.

Agriculture:

As the temperature is expected to increase in the forthcoming days, sucking pest infestation may be prevalent in vegetables, pulses and groundnut crops. Hence, 5% Neem seed kernel extract may be sprayed to control the pest incidence.

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

Bhendi:

Prevailing weather condition is suitable for sowing Bhendi in raised beds for nursery seedlings.

Treat the seeds with *Trichoderma viride* @ 10g/kg and *Pseudomonas fluorescens* @ 10g/kg of seeds mixed with rice gruel and again with 400gm of *Azospirillum* using starch as adhesive.

Dry the seeds in the shade for 30 minutes.

Sow three seeds per hill at 30 cm apart and then thin to 2 plants per hill after 10 days.

Moringa:

The Budworm is anticipated to occur in Moringa. This Larva bores into flower buds and causes shedding.

Collect and destroy the affected buds and flowers.

To control spray Neem oil @ 35ml + Sticky agent @ 10ml with 10litres of water.

Animal Husbandry:

Hemorrhagic Septicemia disease, which affects cattle, is most 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.

Germ 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.