
	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 :	Madurai	Forecast Period :	24/04/2024 to 28/04/2024	
	Bulletine No :	MSSRF/ MDU / 033/ 2024	Release Date :	23/04/2024	

Significant past weather	From 18/04/2024 to 22/04/2024
	4 to 4
Parameters	Past Weather
Rainfall (mm)	0.0
Maximum Temperature (°C)	39-41
Minimum Temperature (°C)	27-28
Sky Condition (Octas)	3-5
Relative Humidity (%)	41-88
Wind Speed (kmph)	7-11

Ensemble Weather Forecast 08:30Hrs
until of 28-04-2024

Parameters	24-04-2024	25-04-2024	26-04-2024	27-04-2024	28-04-2024
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	1	0	0	1	0
Maximum Temperature (°C)	40	41	41	40	41
Minimum Temperature (°C)	27	26	25	26	25
Sky Condition (Octas)	3	1	2	3	4
Max. Relative Humidity (%)	70	70	70	70	70
Min. Relative Humidity (%)	20	20	20	30	30
Wind Speed (Kmph)	10	10	8	10	10
Wind Direction	SE	SE	SE	SE	SE

SMS Advisory	Chances of very light rain on 24 & 27 Apr. Maximum temperature would be in the range of 40°C to 41°C and the minimum temperature would be between 25°C - 27°C. Partly cloudy sky will appear for the next five days. Wind is expected with the speed of 8-10 Kmph from, Southeast direction.
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General Advisory:

Owing to high maximum temperature and moderate wind, more moisture loss is expected and hence, more irrigation should be given to the standing crops.

Livestock:

For livestock, the heat stress can be managed by spraying/ sprinkling water directly on the body of animals for a period of 1 to 5 minutes at an interval of 30-60 minutes. Cover the sides of the cow shed with wet gunny bags. Ensure the increased mineral supplementation to the animals during hot weather to meet the increased demand for minerals. The potassium-rich mineral mixture should be preferred for your cattle.

Agriculture:

Due to hot and humid conditions, discomfort weather is likely at isolated pockets over the district during next five days (24.04.2024 to 28.04.2024). Hence farmers are advised to plan their field activities during morning and evening hours and avoid working in the field during 12 noon to 4 Pm. Stay safe and take care. Drink adequate water.

Weather Based Agro-Advisories: (Jasmine, Sugarcane & Animal Husbandry).

Jasmine:

The occurrence of wilt is noticed in Jasmine. The symptoms start out looking like vein clearing on the younger leaves and drooping of older lower leaves, followed by stunning, yellowing of the lower leaves, defoliation, marginal necrosis and plant death.

To control spray Trichoderma Viride @ 40gm with 10 litres of water, before spraying remove the sprayer nozzle and pour the solution into the root portion.

Sugarcane:

Nutrient deficiency like iron deficiency is noticed in sugarcane crop, to rectify this iron deficiency, farmers are advised to foliar spray Ferrous Sulphate @ 250 gm dissolved in 100 litres of water or Soil application of 25 kg of Ferrous Sulphate.

Animal Husbandry:

During the summer season, snails, germs and larvae found in the dry pond water can cause health damage to the cattle, so farmers are advised, not to allow their cattle to drink water from dry/dirty water ponds.