
	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 :	10/04/2024 to 14/04/2024	
	Bulletine No :	MSSRF/ MDU / 029/ 2024	Release Date :	09/04/2024	

Significant past weather	From	05/04/202	to	08/04/202
		4		4
Parameters	Past Weather			
Rainfall (mm)	0.0			
Maximum Temperature (°C)	39-40			
Minimum Temperature (°C)	26-27			
Sky Condition (Octas)	3-4			
Relative Humidity (%)	30-79			
Wind Speed (kmph)	4-9			

Ensemble Weather Forecast 08:30Hrs
until of 14-04-2024

Parameters	10-04-2024	11-04-2024	12-04-2024	13-04-2024	14-04-2024
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	0	0	0	3	1
Maximum Temperature (°C)	40	40	41	40	40
Minimum Temperature (°C)	27	26	27	26	26
Sky Condition (Octas)	2	1	5	7	7
Max. Relative Humidity (%)	80	70	70	80	80
Min. Relative Humidity (%)	20	20	40	40	30
Wind Speed (Kmph)	10	10	10	10	10
Wind Direction	E	SE	SE	SE	E

SMS Advisory	Chances of light rain on 13 Apr. Maximum temperature would be in the range of 40°C to 41°C and the minimum temperature would be between 26°C - 27°C. Generally cloudy sky will appear for the next five days. Wind is expected with the speed of 10 Kmph from, East & Southeast directions.
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General Advisory:

During the summer season, both agricultural and vegetable crops grown for more than 30 to 45 days are prone to nutrient deficiency and pest attack.

To overcome this issue, mix 350ml of Panchakaviyam and 15ml of sticky agent in 10 litres of water and spray it twice at 15 days interval.

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 three days (10.04.2024 to 12.04.2024). 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: (Coconut, Maize & Animal Husbandry).

Coconut:

Since there was no rainfall for a long period and temperature starts rising, the incidence of black headed caterpillar population may increasing in coconut.

During the initial stage of pest occurrence, to control the above pest farmers are advised to release the braconid parasitoids @ 2100 /ac.

Maize:

Since hot and dry weather is prevailing and expected for the coming weeks, it is essential to improve the drought tolerance capacity of the Maize crop cultivated during thai pattam.

Farmers are advised to give a foliar spray of TNAU Maize Maxim @ 3 kg/acre in 200 litres of water at tassel initiation and at grain filling stages.

Animal Husbandry:

The ewes does which are ready for mating must be supplemented with leguminous fodder and energy rich fodder along with minerals mixture and vitamins before mating where is called flushing.