



District:

Madurai

Jointly released by

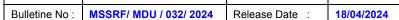
Regional Meteorology Centre, Chennai – India Meteorology Department, Reddiarchathram Seed Growers Association &

M. S. Swaminathan Research Foundation, Kannivadi

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Forecast Period:

19/04/2024





23/04/2024

Significant past weather	From	16/04/202 4	to	17/04/202 4		
Parameters		Past Weather				
Rainfall (mm)			0.0			
Maximum Temperature (°C)			37			
Minimum Temperature (°C)			27			
Sky Condition (Octas)			4-5			
Relative Humidity (%)			41-80			
Wind Speed (kmph)			7-10			

Ensemble Weather Forecast 08:30Hrs
until 06

		20-04-		22-04-	23-04-
Parameters	19-04-2024	2024	21-04-2024	2024	2024
	Friday	Saturday	Sunday	Monday	Tuesday
Rainfall (mm)	1	0	0	0	1
Maximum Temperature (°C)	39	38	39	38	39
Minimum Temperature (°C)	27	26	26	27	27
Sky Condition (Octas)	5	4	2	3	3
Max. Relative Humidity (%)	70	70	70	70	70
Min. Relative Humidity (%)	20	30	20	20	20
Wind Speed (Kmph)	8	8	10	8	12
Wind Direction	SE	SE	SE	SE	S

SMS Advisory Chances of very light rain on 19 & 23 Apr. Maximum temperature would be in the range of 38°C to 39°C and the minimum temperature would be between 26°C - 27°C. Partly cloudy sky will appear for the next five days. Wind is expected with the speed of 8-12 Kmph from, Southeast & East directions.

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:

To protect your animal, ensure the increased mineral supplementation to the animals during hot weather to meet the increased demand of minerals. Potassium rich mineral mixture should be preferred for your cattle. During the daytime, cover the sides of cow shed with wet gunny bags. Animals can be fed with drinking water @ 80 - 100 litres per day per animal in four splits.

Agriculture:

In order to overcome the fodder crisis during summer months, farmers are requested to allot 10 per cent of the irrigated land to fodder crops viz., Cumbu Napier Hybrid or any other fodder crops.

Due to hot and humid conditions, discomfort weather is likely at isolated pockets over the district during next five days (19.04.2024 to 23.04.2024). 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: (Paddy, Tomato & Animal Husbandry). Paddy:

In this prevailing weather condition, for dry seeded Rain fed Paddy, it is time for the application of manure and fertilizer. Farmers are advised to apply 50kg N, 28kg P, and 25kg K per hectare. as a blanket recommendation. Apply N and K in two equal splits as 12.5kg during the 20 - 25 and 40 - 45 days after germination.

Tomato:

The incidence of the white fly noticed in Tomato. The symptom appears on the leaves with Chlorotic spots, leaves are yellowing, downward curling, and drying of leaves.

To control, spray Acetamiprid @ 6gm + sticky agent 10ml with 10 litres of water.

Animal Husbandry:

Prevailing weather is favourable for skin infection and disease transmission in livestock. So, contact the nearby veterinarian and take his advice. Animals should not be allowed to walk long distances while grazing. A high amount of green fodder and concentrated feed should be provided to livestock. Increase the feeding frequency of the livestock.

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