



Jointly released by

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

M. S. Swaminathan Research Foundation, Kannivadi

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Significant past weather	From	23/04/202	to	25/04/202 4		
Parameters		Past Weather				
Rainfall (mm)			0.0			
Maximum Temperature (°C)			40-41			
Minimum Temperature (°C)			27			
Sky Condition (Octas)			1-3			
Relative Humidity (%)			39-81			
Wind Speed (kmph)			4-15			

Ensemble Weather Forecast 08:30Hrs 01-05-2024 until of

		28-04-		30-04-	01-05-
Parameters	27-04-2024	2024	29-04-2024	2024	2024
	Saturday	Sunday	Monday	Tuesday	Wednesday
Rainfall (mm)	0	0	0	0	0
Maximum Temperature (°C)	40	41	41	42	42
Minimum Temperature (°C)	27	28	28	28	27
Sky Condition (Octas)	3	6	2	6	4
Max. Relative Humidity (%)	70	70	70	70	70
Min. Relative Humidity (%)	20	20	20	20	20
Wind Speed (Kmph)	10	10	10	10	12
Wind Direction	SE	SE	SE	SE	SE

SMS Advisory Dry weather will prevail for the next 5 days, Maximum temperature would be in the range of 40°C to 42°C and the minimum temperature would be between 27°C - 28°C. Partly cloudy sky will appear for the next five days. Wind is expected with the speed of 10-12 Kmph from, Southeast direction.

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:

Artificial insemination of goats and cows should be done within 9 am or after 4pm due to the high heat of the day.

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:

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: (Jasmine, Tomato & Animal Husbandry).

Jasmine:

Due to the prevailing weather conditions the incense of Leaf spot disease may be expected in the Jathimalli (Jasmine) flower crop.

Black spots appear and spread throughout the leaf, showing a burning appearance.

To control, spray Difenoconazole @ 2 ½ gm per litre of water.

Tomato:

The incense of Leaf Curl virus disease is expected in Tomatoes. The symptom appears on newly grown plants, tomato yellow leaf curl virus reduces the internodes and also gives the plant a stunted appearance.

The new leaves also greatly reduce in size, wrinkled and yellowed between the veins. Leaf margins that curl upward, giving them a cup-like appearance.

Flowers may appear but usually will drop before the fruit set.

To control spray the composite of Fermented curd 250ml + Pseudomonas 40gm + 2 egg whites with 10 litres of water.

Animal Husbandry:

Farmers are advised to deworm their goats for Round / Tap Worms for the months of May and June. The deworming should be done in the morning and the goat should be on an empty stomach.

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