
 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 :	Pudukkottai	Forecast Period :	16/03/2024	to	
	Bulletin No:	MSSRF/ PDK /022/ 2024	Release Date :	15/03/2024		

Significant past weather	From	12/03/202	to	14/03/202
		4		4
Parameters	Past Weather			
Rainfall (mm)	0.0			
Maximum Temperature (°C)	36-38			
Minimum Temperature (°C)	24			
Sky Condition (Octas)	4-5			
Relative Humidity (%)	29-84			
Wind Speed (kmph)	7-11			

Ensemble Weather Forecast
 until **08:30Hrs of 12-03-2024**

Parameters	16-03-2024	17-03-2024	18-03-2024	19-03-2024	20-03-2024
	Saturday	Sunday	Monday	Tuesday	Wednesday
Rainfall (mm)	0	0	0	0	0
Maximum Temperature (°C)	38	37	37	38	38
Minimum Temperature (°C)	24	24	23	23	24
Sky Condition (Octa)	0	0	0	0	0
Max. Relative Humidity (%)	90	80	90	80	80
Min. Relative Humidity (%)	20	30	20	30	20
Wind Speed (Kmph)	12	12	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 37°C to 38°C and the minimum temperature would be between 23°C - 24°C. Clear sky will appear for the next five days. Wind is expected with the speed of 10-12 Kmph from, Southeast & E directions.
---------------------	---

General Advisory:

Livestock:

Maximum temperature is likely to increase by 1 to 2 degree Celsius above normal over the Tamilnadu for next three days.(16.03.2024 to 18.03.2024).

To protect your animal, ensure the increased mineral supplementation to the animals during hot weather to meet the increased demand for minerals.

Potassium-rich mineral mixture should be preferred for your cattle.

During the daytime, cover the sides of the cow shed with wet gunny bags.

Animals can be fed drinking water @ 80 – 100 litres per day per animal in four splits.

Agriculture:

Spraying in agriculture fields should be done only during the early morning or evening hours. Based on the soil moisture condition of the field, farmers can provide irrigation to their crops.

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

Coconut:

During the summer season, mulching technology can be practised in Coconut grooves to reduce water evaporation.

Apply the coconut husks (100 Nos.) with the convex surface facing upwards or dried coconut leaves (15 Nos) or coir pith up to a height of 10 cm in the basin of a 1.8 metre radius around the palms as mulch for soil moisture conservation.

Sugarcane:

During hot weather conditions, water management is more important in sugarcane cultivation.

Before planting, soak the setts in lime solution (80 kg Kiln lime in 400-litre water) for one hour. Plant in deep furrows of 30 cm depth.

During the moisture stress period, spray potash and urea each @ 2½ % (15 litres of water) at 15-day intervals.

Alternate furrow and skip furrow methods are more beneficial under water scarcity conditions.

Animal Husbandry:

Due to the prevailing hot weather conditions, it is very important to maintain the cow shed properly.

A Cow shed should be kept with a good ventilation facility.

Protect our animals from direct sunlight.

Wet jute/gunny bags can be kept laterally in the shed.