AgroMet Advisory Bulletin (AAB)



Jointly released by

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

M. S. Swaminathan Research Foundation, Kannivadi
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District : Sivagangai Forecast Period : 16/03/2024 to 20/03/2024

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Significant past weather From	n 12/03/202 to 4
Parameters	Past Weather
Rainfall (mm)	0.0
Maximum Temperature (°C)	37-38
Minimum Temperature (°C)	23
Sky Condition (Octas)	1-2
Relative Humidity (%)	28-80
Wind Speed (kmph)	4-7

Ensemble Weather Forecast 08:30Hrs
until of

		17-03-	18-03-	19-03-	20-03-
Parameters	16-03-2024	2024	2024	2024	2024
	Saturday	Sunday	Monday	Tuesday	Wednesday
Rainfall (mm)	0	0	0	0	0
Maximum Temperature (°C)	39	39	38	38	39
Minimum Temperature (°C)	26	25	25	26	26
Sky Condition (Octas)	0	0	0	0	0
Max. Relative Humidity (%)	80	60	60	60	60
Min. Relative Humidity (%)	20	20	20	20	20
Wind Speed (Kmph)	12	12	12	10	10
Wind Direction	Е	Е	Е	Е	SE

20-03-2024

SMS Advisory Dry weather will prevail for the next 5 days. Maximum temperature would be in the range of 38°C to 39°C and the minimum temperature would be between 25°C - 26°C. Clear sky will appear for the next five days. Wind is expected with the speed of 10-12 Kmph from, East & Southeast 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 @ 90 100 litres nor day nor 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: (Important Crops: Brinjal, Bhendi & Animal Husbandry)

Brinjal:

Farmers are advised to monitor the whitefly in the Brinjal field.

To manage this, fix the yellow sticky trap at 5 Nos. per acre.

Spray the mixture of 3ml Neem oil with 1ml Teepol (Sticky agent) per litre of water.

Bhend:

The incense of Shoot and fruit borer were seen in Bhendi. Damages cause the terminal shoots to wither and droop, shedding buds and flowers, bore holes in fruits and feed and deformed fruits.

To manage this, collect and destroy the affected buds, flowers and fruits.

Setup pheromone trap @ 12 Nos. per hac.

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.