
 MSSRF Science for Sustainable Development	AgroMet Advisory Bulletin (AAB) Jointly released by Regional Meteorology Centre, Chennai – India Meteorology Department, Reddiarchatham Seed Growers Association & M. S. Swaminathan Research Foundation, Kannivadi Phone no.: 044 - 22541229 E mail: amfu.kannivadi@gmail.com Fax: 044 – 22541319					
	District :	Ramanathapuram	Forecast Period :	4/05/2024	to	
	Bulletin No:	MSSRF/ RMD /036/ 2024	Release Date :	03/05/2024		

Significant past weather	From 30/04/2024 to 02/05/2024
	4 to 4
Parameters	Past Weather
Rainfall (mm)	0.0
Maximum Temperature (°C)	36-37
Minimum Temperature (°C)	28-29
Sky Condition (Octas)	3-4
Relative Humidity (%)	68-81
Wind Speed (kmph)	0-14

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

Parameters	04-05-2024	05-05-2024	06-05-2024	07-05-2024	08-05-2024
	Saturday	Sunday	Monday	Tuesday	Wednesday
Rainfall (mm)	0	0	0	0	0
Maximum Temperature (°C)	37	37	38	38	38
Minimum Temperature (°C)	29	30	30	29	30
Sky Condition (Octa)	8	8	7	5	8
Max. Relative Humidity (%)	70	70	70	70	70
Min. Relative Humidity (%)	40	40	50	50	50
Wind Speed (Kmph)	22	22	24	24	20
Wind Direction	S	SW	S	S	S

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 29°C - 30°C. Generally cloudy sky will appear for the next five days. Wind is expected with the speed of 20-24 Kmph from, South & Southwest directions.
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General Advisory:

Thunderstorms & lightning with light to Moderate rain are likely to occur at one or two places over the Tamilnadu during 04 to 08 May 2024. Gusty Wind with a speed of 30 to 40 kmph is expected for the same days. Hence farmers are advised to provide propping in sugarcane and to provide adequate support for crops like Banana, Papaya, Guava and Moringa, to prevent from lodging. For Gourds check the structures /pandhals for damages in the strings and poles and provide adequate support. Do not allow the animals to graze outside, standing near the trees, and don't tie the animals to electric poles. Provide safe shelter.

Wind with the speed of 20 to 24 kmph is expected for the next five days. Hence farmers are advised to provide propping in sugarcane and to provide adequate support for crops like Banana, Papaya, Guava and Moringa, to prevent from lodging. For Gourds check the structures /pandhals

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

Brinjal:

The incidence of sucking pests like leaf hoppers, Thrips, whitefly, and spiraling whitefly may be noticed in the Horticultural crop fields.

Hence, farmers are advised to monitor the sucking pests by installing yellow sticky traps @ 5 Nos./acre.

For severe infestation, spray any one of the following, Neem Seed Kernel Extract @ 50g/lit. of water or Neem oil @ 30ml per litre of water.

Coconut:

During the summer season, mulching technology can be practiced 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-meter radius around the palms as mulch for soil moisture conservation.

Animal Husbandry:

Accommodation for laying hens in summer should be increased to 2 1/2 feet.

Give cold clean water 5 to 6 times.

The fodder tray should be kept clean.

Chickens should be provided with roaming accommodation without crisis.

If the top layer of the egg is found to be thin due to heat, vitamin D should be added to the feed.