
 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 :	Ramanathapuram	Forecast Period :	20/03/2024	to	
	Bulletin No:	MSSRF/ RMD /023/ 2024	Release Date :	19/03/2024		

Significant past weather	From	15/03/2024	to	18/03/2024
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Parameters	Past Weather			
Rainfall (mm)	0.0			
Maximum Temperature (°C)	35-36			
Minimum Temperature (°C)	23-27			
Sky Condition (Octas)	3			
Relative Humidity (%)	60-80			
Wind Speed (kmph)	2-4			

Ensemble Weather Forecast
 until **08:30Hrs of 24-03-2024**

Parameters	20-03-2024	21-03-2024	22-03-2024	23-03-2024	24-03-2024
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	0	5	1	10	6
Maximum Temperature (°C)	37	36	37	36	36
Minimum Temperature (°C)	24	23	24	23	23
Sky Condition (Octa)	3	5	4	4	3
Max. Relative Humidity (%)	80	84	84	86	80
Min. Relative Humidity (%)	72	76	76	74	72
Wind Speed (Kmph)	12	10	12	10	12
Wind Direction	E	NE	NE	NE	NE

SMS Advisory	Chances of light rain on 21, 24 Mar & Moderate rain on 23 Mar. Maximum temperature would be in the range of 36°C to 37°C and the minimum temperature would be between 23°C-24°C. Partly cloudy sky will appear for the next five days. Wind expected with the speed of 10-12 Kmph from, East & Northeast directions.
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General Advisory:

Livestock:

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.

Agriculture:

Wind with the speed of 10 to 12 kmphis 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 for damages in the strings and poles and provide adequate support. Postpone the spraying activity.

Weather Based Agro-Advisories: (Chilly, Tomato & Animal Husbandry).

Chilly:

The incidence of Muranai mites is expected in Chilly. The symptom of damage are downward curling and crinkling of leaves, leaves with elongated petioles and stunted growth of the plant.

To control install 12 Nos. of blue colour sticky traps and 12 Nos. of yellow colour sticky traps per acre on the same pole and as per the height of plants.

Also spread 25 Kg of Neem cake powder or Neem Kernel powder per Acre.

Tomato:

Due to prevailing weather condition the incense of Serpentine leaf miner in Tomato. The symptoms are tomato leaves seen with serpentine mines. Drying and dropping of leaves, minute orange yellowish apodous maggots. yellowish brown pupates seen within the mines.

Collect and destroy mined leaves and Spray NSKE 500 ml.

Animal Husbandry:

Farmers are advised to prevent Chicks from Chick diarrhea disease, keep the diseased chick separately, and care.

Allow the Chicks to drink the medicated water for 5 days during morning and evening hours with a combination of 1 litre of water with 5 ml of Vimeral syrup. and 2gm Microzal powder or 2gm Bactrisol powder.