
 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 :	15/05/2024	to	
	Bulletin No:	MSSRF/ RMD /039/ 2024	Release Date :	14/05/2024		

Significant past weather	From	10/05/2024	to	13/05/2024
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Parameters	Past Weather			
Rainfall (mm)	18.9			
Maximum Temperature (°C)	34-36			
Minimum Temperature (°C)	24-27			
Sky Condition (Octas)	5-6			
Relative Humidity (%)	68-86			
Wind Speed (kmph)	0-2			

Ensemble Weather Forecast
 until **08:30Hrs of 19-05-2024**

Parameters	15-05-2024	16-05-2024	17-05-2024	18-05-2024	19-05-2024
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	3	26	29	12	2
Maximum Temperature (°C)	37	35	33	33	32
Minimum Temperature (°C)	25	24	23	22	21
Sky Condition (Octa)	8	8	8	8	8
Max. Relative Humidity (%)	70	70	70	70	70
Min. Relative Humidity (%)	50	60	50	50	50
Wind Speed (Kmph)	10	10	16	18	20
Wind Direction	SE	SE	S	SW	SW

SMS Advisory	Chances of Moderate rain during 16, 17 & 18 May .Maximum temperature would be in the range of 32°C to 37°C and the minimum temperature would be between 21°C - 25°C. Cloudy sky will appear for the next five days. Wind is expected with the speed of 10-20 Kmph from, Southeast, South & Southwest directions.
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General Advisory:

Heavy rain is likely to occur at isolated places over the district on 16 & 17 May 2024. Farmers are advised to act swiftly to repair the water channels, farm ponds and other water bodies to harvest the rain water. During these days farmers are advised to avoid irrigation, inter-cultural operations and application of plant protection measures to the standing crops, provide adequate drainage facilities in the fields to avoid water stagnation due to heavy rainfall, do not allow the animals to grazing outside, standing near the trees or electric poles & provide safe shelter.

Thunderstorms & lightning with light to Moderate rain are likely to occur at one or two places over the Tamilnadu during 15 to 19 May 2024. Gusty Wind with a speed of 30 to 50 kmph is

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.

Rainfall occurred in a few places during the past few days, and rain is also forecasted for the coming days, farmers are advised to start summer plough work to increase the capacity of the soil to absorb the rainwater and by overturning the soil, the sharp rays of sun enters the soil and kills the eggs, larvae, and pupae of soil-borne insects and pests.

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

Coconut:

Hook out the beetles using a long iron rod and kill them at the time of harvest.

Apply 3 naphthalene balls/palm with 100g sand at the crown of the tree once in 45 days to control the Rhinoceros Beetle.

Jasmine:

There are chances of nematode infection in Jasmine fields.

Farmers are advised to test the soil for nematode infection.

The infestation leads to the yellowing of leaf colour and ultimately drying.

To control this, apply Paecilomyces lilacinus @ 4 Kg per acre near the root zone and then irrigate the field.

Animal Husbandry:

Provide B-Complex liquid supplementation through drinking water to poultry birds to combat heat stress.

Farmers are advised to reduce the number of birds in a unit area of poultry shed to overcome the heat stress.