
 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 :	15/06/2024	to	
	Bulletin No:	MSSRF/ RMD /048/ 2024	Release Date :	14/06/2024		

Significant past weather	From	11/06/2024	to	13/06/2024
		4		4
Parameters	Past Weather			
Rainfall (mm)	0.0			
Maximum Temperature (°C)	36-37			
Minimum Temperature (°C)	26-25			
Sky Condition (Octas)	4-6			
Relative Humidity (%)	64-78			
Wind Speed (kmph)	7-19			

Ensemble Weather Forecast
 until **08:30Hrs of 19-06-2024**

Parameters	15-06-2024	16-06-2024	17-06-2024	18-06-2024	19-06-2024
	Saturday	Sunday	Monday	Tuesday	Wednesday
Rainfall (mm)	0	2	0	0	0
Maximum Temperature (°C)	36	36	35	35	35
Minimum Temperature (°C)	25	25	24	25	25
Sky Condition (Octa)	6	5	5	6	5
Max. Relative Humidity (%)	60	60	60	70	70
Min. Relative Humidity (%)	40	50	50	50	50
Wind Speed (Kmph)	20	22	26	26	26
Wind Direction	SW	SW	SW	SW	SW

SMS Advisory	Chances of very light rain on 16 June .Maximum temperature would be in the range of 35°C to 36°C and the minimum temperature would be between 24°C - 25°C. Generally cloudy sky will appear for the next five days. Wind is expected with the speed of 20-26 Kmph from, Southwest direction.
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General Advisory:

Extended range Forecast for next week (14th to 27th June 2024):

Rainfall:

As per extended range predictions, there is possibility of near normal rainfall likely over the district during 14th to 20th June 2024.

As per extended range predictions, there is possibility of below normal rainfall likely over the district during 21st to 27th June 2024.

Maximum Temperature:

Maximum temperatures are likely to be near normal and are likely to be in the range 32°C to

Maximum temperatures are likely to be near normal to slightly above normal and are likely to be in the range 34°C to 38°C over the plains of the district during next week. 21st to 27th June 2024.

Minimum Temperature:

Minimum temperatures are likely to be near normal and are likely to be in the range 24°C to 28°C over the district during next week 14th to 20th June 2024.

Minimum temperatures are likely to be near normal to slightly above normal and are likely to be in the range 24°C to 28°C over the district during next week 21st to 27th June 2024.

Wind with the speed of 20 to 26 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 for damages in the strings and poles and provide adequate support. Postpone the spraying activity.

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

Chilly:

Due to the prevailing weather conditions, the incense of Leaf curl viral diseases is expected in Chilly crop. The symptoms of damage appear on leaves, leaves curl towards midrib and become deformed. Stunted plant growth due to shortened internodes and leaves greatly reduced in size. Flower buds abscise before attaining full size.

To avoid further infection, the infected plants should be uprooted and burnt or buried.

Avoid monoculture of chili crops. Raise 2-3 rows of maize or sorghum as a border crop to restrict the spread of aphid vectors.

Spray any one of the following insecticides, Thiamethoxam @ 5gm or Imidachlopride @ 10ml + 10ml sticky agent with 10 litres of water.

Cotton:

To rectify the nutrient deficiency in Cotton, farmers can apply micronutrients within 10-15 days from the date of sowing.

Apply Cotton nutrient mixture @ 5kg or Magnesium Sulphate @ 10 kg/acre. Also, mix Azospirillum @ 2kg/acre and Phosphobacteria @ 2kg/acre with Farm Yard Manure and apply the same in cotton fields.

Animal Husbandry:

Kind attention to the livestock-rearing farmers, there are chances of occurrence of Foot and Mouth disease in cows during this season.

Farmers are advised to prevent the cows from Foot and Mouth disease, by vaccinating your cows at the government veterinary clinics during the month of June.

Vaccination should be done once in every 4 months.