
 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 :	29/05/2024	to	
	Bulletin No:	MSSRF/ RMD /043/ 2024	Release Date :	28/05/2024		

Significant past weather	From	24/05/202	to	27/05/202
		4		4
Parameters	Past Weather			
Rainfall (mm)	0.5			
Maximum Temperature (°C)	34-36			
Minimum Temperature (°C)	25-26			
Sky Condition (Octas)	4-8			
Relative Humidity (%)	72-80			
Wind Speed (kmph)	8-9			

Ensemble Weather Forecast
 until **08:30Hrs of 02-06-2024**

Parameters	29-05-2024	30-05-2024	31-05-2024	01-06-2024	02-06-2024
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	2	0	4	0	0
Maximum Temperature (°C)	35	36	36	35	36
Minimum Temperature (°C)	26	26	26	25	26
Sky Condition (Octa)	5	6	8	5	6
Max. Relative Humidity (%)	70	60	60	70	70
Min. Relative Humidity (%)	40	40	50	50	50
Wind Speed (Kmph)	18	18	14	20	28
Wind Direction	SW	SW	S	SW	SW

SMS Advisory	Chances of light rain on 29 & 31 May .Maximum temperature would be in the range of 35°C to 36°C and the minimum temperature would be between 25°C - 26°C. Generally cloudy sky will appear for the next five days. Wind is expected with the speed of 14-28 Kmph from, Southwest & South directions.
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General Advisory:

Extended range Forecast for next week (31st May to 06th June 2024):

Rainfall:

As per extended range predictions, there is possibility of below normal to near normal rainfall likely over the district during 31st May to 06th June 2024.

Maximum Temperature:

Maximum temperatures are likely to be slightly below normal to near normal and are likely to be in the range 34°C to 38°C over the plains of the district during next week. 31st May to 06th June.

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 31st May to 06th June 2024.

Wind with the speed of 14 to 28 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.

Maximum temperatures is likely to be above normal by 2 - 3°C one or two places and are likely to be in the range of 30°C to 36°C, over the district from 29th to 31st May 2024

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

Cumbu:

Prevailing weather is suitable for sowing Cumbu. CO7, CO (Cu) 9, X7, ICMV 221, and TNAU Cumbu hybrid Co9 varieties are suitable for rain-fed conditions.

Soaking of cumbu seeds either in 2% Potassium chloride (KCl) or 3% Sodium Chloride (NaCl) for 16 hours followed by 5 hours of shade drying improves germination and stand.

Adopt the spacing of 45 x 15 cm for all varieties. One pair row of cumbu, alternated with a single row of pulse crop.

Cotton:

Due to the prevailing weather conditions the incense Thrips in cotton.

The symptoms are, the shriveling of leaves due to the scrapping of the epidermis and de-sapping.

Attacked terminal buds have ragged edges. A silvery shiny appearance seems under the surface of the leaves.

To control, spray Imidacloprid 200 SL @ 100 ml/acre.

Animal Husbandry:

Due to the prevailing weather conditions, Enterotoxaemia disease may affect the Goats. The main symptom of the disease is sudden death in young growing kids. Mucous diarrhea may also be seen during death.

To prevent this disease, do not feed on young grass, allow the goat to graze one hour after the sunshine.

Vaccinate the animals once a year before the onset of monsoon.