MSSRF	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.kanniwadi@gmail.com Fax: 044 - 22541319						
Science for Sustainable Development	District :	Sivagangai	Forecast Period :	29/05/2024	to	02/06/2024	TRUNCE COLICAL MERINE
	Bulletine No :	MSSRF/SVG / 043/ 2024	Release Date :	28/05/2024	•	•	

Significant past weather From	24/05/202 27/05/202 to 4 4				
Parameters	Past Weather				
Rainfall (mm)	15.6				
Maximum Temperature (°C)	34-37				
Minimum Temperature (°C)	26-27				
Sky Condition (Octas)	5-8				
Relative Humidity (%)	51-88				
Wind Speed (kmph)	3-8				

Ensemble Weather Forecast until	08:30Hrs of	02-06-2024			
		30-05-	31-05-	01-06-	02-06-
Parameters	29-05-2024	2024	2024	2024	2024
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	1	0	3	3	0
Maximum Temperature (°C)	37	37	36	35	35
Minimum Temperature (°C)	27	26	26	25	25
Sky Condition (Octas)	8	5	8	8	8
Max. Relative Humidity (%)	70	70	70	70	70
Min. Relative Humidity (%)	40	40	40	40	40
Wind Speed (Kmph)	10	12	12	14	18
Wind Direction	SW	SW	S	S	SW

SMSChances of light rain on 31 May & 1 June. Maximum temperature would be in the range of
35°C to 37°C and the minimum temperature would be between 25°C - 27°C. Cloudy sky will
appear for the next five days. Wind is expected with the speed of 10-18 Kmph from,
Southwest & South directions.

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 28°C to 34°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 20°C to 24°C

Wind with the speed of 10 to 18 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 35° C to 37° C, over the district from 29^{th} to 31^{st} May 2024.

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

Sugarcane:

Micro-nutrient deficiency symptoms were noticed in sugarcane crops.

To alleviate the micronutrient deficiency as well as to improve the yield of ratoon sugarcane, foliar spraying of Sugarcane booster @ 1kg/acre at the time of 45 days after planting and 1.5kg/acre at the time of 60 days after planting.

Repeat the spraying of Sugarcane booster @ 2kg/acre at the time of 75 days after planting.

(Mix the booster with 200 litres of water along with the sticking agent).

Jasmine:

The incense of Budworm may be noticed in Jasmine. The budworm caterpillar makes the hole in the flower bud and feeds on the inner content. Petals are eaten by larvae.

Collect and destroy the damaged buds with larvae.

Use a light trap to attract and kill the adult moths.

Spray Neem Seed Kernel Extract (NSKE) @ 5% (ie.,50gm dry seed powder per litre of water + 2gm detergent soap). Always use freshly prepared NSKE.

Spray the extract in the evening hours (after 3:30 P.m.) to get effective results.

The Jasmine bushes should be pruned properly and the fields should be maintained cleanly.

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.