# 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

District : Sivagangai Forecast Period : 15/05/2024 to 19/05/2024

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Significant past weather From	m 10/05/202 to 13/05/202
Parameters	Past Weather
Rainfall (mm)	17.5
Maximum Temperature (°C)	39-40
Minimum Temperature (°C)	26-27
Sky Condition (Octas)	5-7
Relative Humidity (%)	54-84
Wind Speed (kmph)	6-11

Ensemble Weather Forecast 08:30Hrs until of

19-05-2024

		16-05-	17-05-	18-05-	19-05-
Parameters	15-05-2024	2024	2024	2024	2024
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	8	26	16	31	1
Maximum Temperature (°C)	38	37	35	33	33
Minimum Temperature (°C)	26	25	23	22	22
Sky Condition (Octas)	8	8	7	8	8
Max. Relative Humidity (%)	80	80	80	80	70
Min. Relative Humidity (%)	50	60	60	50	40
Wind Speed (Kmph)	10	10	10	12	10
Wind Direction	NE	SE	S	S	SW

SMS Advisory Chances of Moderate rain during 15, 16, 17 & 18 May .Maximum temperature would be in the range of 33°C to 38°C and the minimum temperature would be between 22°C - 26°C. Cloudy sky will appear for the next five days. Wind is expected with the speed of 10-12 Kmph from, Northeast, Southeast, South & Southwest directions.

## General Advisory:

Heavy rain is likely to occur at isolated places over the district on 18 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, intercultural 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 expected for the same 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. 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: (Important Crops: Coconut, Banana & Animal Husbandry)

#### Coconut:

Kind attention to coconut farmers, Button shedding is noticed in coconut fields.

To control button shedding, farmers are advised to go with the root feeding of Coconut Tonic of TNAU @ 200ml/Tree. This can be continued at 6-month intervals.

## Banana:

It is important to apply micronutrients to Banana crops planted in garden land, spraying of Plantozyme @ 2ml/litre of water is recommended.

Similarly, Acid lime and Zinc Sulphate @ 5gm/litre of water can also be sprayed at this stage.

# **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.