## AgroMet Advisory Bulletin (AAB)



Jointly released by

Regional Meteorology Centre, Chennai – India Meteorology Department, Reddiarchathram Seed Growers Association &

M. S. Swaminathan Research Foundation, Kannivadi

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 District:
 Sivagangai
 Forecast Period : 19/06/2024
 to 23/06/2024

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Significant past weather From	n 4 to 4
Parameters	Past Weather
Rainfall (mm)	3.4
Maximum Temperature (°C)	38-40
Minimum Temperature (°C)	26-27
Sky Condition (Octas)	4-5
Relative Humidity (%)	39-65
Wind Speed (kmph)	8-18

Ensemble Weather Forecast 08:30Hrs until of

23-06-2024

		20-06-	21-06-	22-06-	23-06-
Parameters	19-06-2024	2024	2024	2024	2024
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	5	1	0	1	1
Maximum Temperature (°C)	39	38	37	37	36
Minimum Temperature (°C)	25	24	23	23	22
Sky Condition (Octas)	8	7	7	8	8
Max. Relative Humidity (%)	70	70	70	70	80
Min. Relative Humidity (%)	50	40	40	50	70
Wind Speed (Kmph)	16	12	14	18	16
Wind Direction	SW	SW	SW	SW	SW

SMS Advisory Chances of light rain on 19 Jun. Maximum temperature would be in the range of 36°C to 39°C and the minimum temperature would be between 22°C - 25°C. Cloudy sky will appear for the next five days. Wind is expected with the speed of 12-18 Kmph from, Southwest direction.

## **General Advisory:**

Extended range Forecast for next week (21st to 27th June 2024):

#### Rainfall:

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

# **Maximum Temperature:**

Maximum temperatures are likely to be near normal to slightly above normal and are likely to be in the range 28°C to 34°C over the plains of the district during next week. 21<sup>st</sup> to 27<sup>th</sup> June 2024.

### **Minimum Temperature:**

Minimum temperatures are likely to be near normal to slightly above normal and are likely to be in the range 20°C to 24°C over the district during next week 21<sup>st</sup> to 27<sup>th</sup> June 2024.

Wind with the speed of 12 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.

## **Agriculture:**

Farmers planning to cultivate vegetable crops are advised to apply 200 kg of well decomposed farm yard manure along with each 1 kg of Trichoderma viride and Pseudomonas fluorescens per acre.

# Weather Based Agro-Advisories: (Bhendi, Tomato & Animal Husbandry) Bhendi:

The incense of Shoot and fruit borer were seen in Bhendi. Damages cause the terminal shoots to wither and droop, shedding buds and flowers, bore holes in fruits and feed, and deformed fruits.

To manage this, collect and destroy the affected buds, flowers, and fruits.

Setup pheromone trap @ 12 Nos. per hac.

To control spray 5ml of Azadiractin or 500ml of Neem extract concentrate with 10 litres of water.

#### Tomato:

June is the best time for sowing tomatoes in raised beds for nursery seedlings.

Do seed treatment with Trichoderma viride @ 5-10g/kg.

The seed treatment must be done 24 hours before the sowing of seeds.

## **Animal Husbandry:**

Due to prevailing weather conditions, there is a chance for Black quarter disease in the cow. This disease usually affects young cattle of 6 months to about 2-3 years of age.

The symptoms are crepitating, swelling in the hind or fore quarter, lameness, and muscles shows trembling with violent twitching. Death usually occurs within 24 hours. Hyper immune serum (HIS) is used to control explosive outbreaks.

Immediately contact the local veterinarian to treat the disease. Vaccinate the cow every year one month before the rainy season.