AgroMet Advisory Bulletin (AAB)



Jointly released by

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

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District : Sivagangai Forecast Period : 19/04/2024 to 23/04/2024

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Significant past weather From	16/04/202 17/04/202 to 4
Parameters	Past Weather
Rainfall (mm)	0.0
Maximum Temperature (°C)	37
Minimum Temperature (°C)	27
Sky Condition (Octas)	4-5
Relative Humidity (%)	41-80
Wind Speed (kmph)	7-10

Ensemble Weather Forecast 08:30Hrs until 06

		20-04-	21-04-	22-04-	23-04-
Parameters	19-04-2024	2024	2024	2024	2024
	Friday	Saturday	Sunday	Monday	Tuesday
Rainfall (mm)	0	0	0	0	0
Maximum Temperature (°C)	39	38	39	38	39
Minimum Temperature (°C)	27	26	26	27	27
Sky Condition (Octas)	5	4	2	3	3
Max. Relative Humidity (%)	70	70	70	70	70
Min. Relative Humidity (%)	20	30	20	20	20
Wind Speed (Kmph)	14	12	14	14	14
Wind Direction	S	SE	SE	SE	SE

SMS Advisory Dry weather will prevail for the next 5 days, Maximum temperature would be in the range of 38°C to 39°C and the minimum temperature would be between 26°C - 27°C. Partly cloudy sky will appear for the next five days. Wind is expected with the speed of 12-14 Kmph from, South & Southeast directions.

General Advisory:

Owing to high maximum temperature and moderate wind, more moisture loss is expected and hence, more irrigation should be given to the standing crops.

Livestock:

To protect your animal, ensure the increased mineral supplementation to the animals during hot weather to meet the increased demand of minerals. Potassium rich mineral mixture should be preferred for your cattle. During the daytime, cover the sides of cow shed with wet gunny bags. Animals can be fed with drinking water @80 - 100 litres per day per animal in four splits.

Agriculture:

In order to overcome the fodder crisis during summer months, farmers are requested to allot 10 per cent of the irrigated land to fodder group viz. Cumbu Napier Hybrid or any other fodder group.

Due to hot and humid conditions, discomfort weather is likely at isolated pockets over the district during next five days (19.04.2024 to 23.04.2024). Hence farmers are advised to plan their field activities during morning and evening hours and avoid working in the field during 12 noon to 4 Pm. Stay safe and take care. Drink adequate water.

Wind with the speed of 12 to 14 kmphis 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: (Important Crops: Tomato, Brinjal & Animal Husbandry)

Tomato:

To get an increase in yield in the Tomato crop, top dressing of Urea @ 325kg per hectare and MOP @ 250 kg per hectare in three equal splits on the 30th, 45th, and 60th days after planting, is recommended.

Brinjal:

The incidence of sucking pests like leaf hoppers, Thrips, whitefly, and spiraling whitefly may be noticed in the Horticultural crop fields.

Hence, farmers are advised to monitor the sucking pests by installing yellow sticky traps @ 5 Nos./acre.

For severe infestation, spray any one of the following, Neem Seed Kernel Extract @ 50g/lit. of water or Neem oil @ 30ml per litre of water.

Animal Husbandry:

Prevailing weather is favourable for skin infection and disease transmission in livestock. So, contact the nearby veterinarian and take his advice. Animals should not be allowed to walk long distances while grazing. A high amount of green fodder and concentrated feed should be provided to livestock. Increase the feeding frequency of the livestock.