
 <b>MSSRF</b> Science for Sustainable Development	<b>AgroMet Advisory Bulletin (AAB)</b> 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: <a href="mailto:amfu.kannivadi@gmail.com">amfu.kannivadi@gmail.com</a> Fax: 044 – 22541319					
	District :	<b>Dindigul</b>	Forecast Period :	<b>04/10/2023</b>		to
	Bulletin No:	<b>MSSRF/ DGL /079/ 2023</b>	Release Date :	<b>03/10/2023</b>		

Significant past weather		From	29/09/2023	to	02/10/2023
Parameters	Past Weather				
Rainfall (mm)	3.3				
Maximum Temperature (°C)	35-36				
Minimum Temperature (°C)	25-26				
Sky Condition (Octas)	3-7				
Relative Humidity (%)	49-68				
Wind Speed (kmph)	8-13				

**Ensemble Weather Forecast until 08:30Hrs of 08-10-2024**

Parameters	04-10- 2023	05-10- 2023	06-10- 2023	07-10- 2023	08-10- 2023
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	1	1	1	3	0
Maximum Temperature (°C)	35	35	35	34	34
Minimum Temperature (°C)	25	24	24	24	23
Sky Condition (Octa)	1	1	4	8	0
Max. Relative Humidity (%)	70	70	70	70	70
Min. Relative Humidity (%)	30	30	30	30	30
Wind Speed (Kmph)	8	8	6	6	4
Wind Direction	NW	NW	NW	W	W

<b>SMS Advisory</b>	Chances of very light to light rain during the next four days. Maximum temperature would be in the range of 34°C to 35°C and the minimum temperature would be between 23°C - 25°C. Partly cloudy sky will appear for the next five days. Wind expected with the speed of 4-8 Kmph from, Northwest & West directions.
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**General Advisory:**

Light to Moderate rain with thunderstorm & lightning is likely to occur at one or two places over district on 4<sup>th</sup> October 2023. Farmers are advised to take precautionary measures while grazing/herding the sheep, goat, cow on agriculture land for manuring purpose. Do not allow the animals to graze outside, standing near the trees or electric poles. Provide safe shelter for your livestock. . To safeguard your animals from lightning and thunderstorm, remove the metal bells tied to the necks of animals.

Since very less amount of rainfall is forecasted for next 5 days, farmers can plan for crop protection activities.

**Weather Based Agro-Advisories: (Cotton, Lablab & Animal Husbandry).**

**Cotton:**

For more information, please contact the Regional Meteorology Centre, Chennai - India Meteorology Department, Reddiarchathram Seed Growers Association & M. S. Swaminathan Research Foundation, Kannivadi.

Apply 5kg of Cotton nutrient mixture or 10 kg of Mg So<sub>4</sub> /acre.

Also mix 2kg of Azospirillum, and 2kg of Phosphobacteria with FYM/acre and apply it in the field.

Farmers cultivating cotton in rain-fed areas can take advantage of the current rainfall and provide 5 kg of cotton micronutrient or 20 kg of magnesium sulphate fertilizer per acre within 10 days of planting to address the micronutrient deficiency.

#### **Lablab:**

At this stage, pruning can be done for the Lab Lab crop, to get a good yield.

When the vine reaches the pandal, the terminal bud has to be nipped. Each branch has to be pruned, leaving three feet in length.

When the flowering starts, prune the branches bearing inflorescence, leaving three nodes from the productive axil. Continue this procedure throughout the reproductive phase.

Spraying activity can be carried out during non-rainy days.

#### **Animal Husbandry:**

During the rainy season, the chances of growth of coccidial oocysts as well as the Clostridium perfringens and Ecoli are more.

Enterotoxaemia occurs due to sudden changes in feed or damage to the intestinal mucosa.

High dietary levels of dry fish, fishmeal and wheat may be avoided for the poultry.

The enterotoxaemia can be prevented by using good quality feed ingredients free from mycotoxins and deworming of the desi birds.

Similarly, the litter moisture should be kept low.