

	<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>19/09/2023</b>		to
	Bulletin No:	<b>MSSRF/ DGL /075/ 2023</b>	Release Date :	<b>18/09/2023</b>		

Significant past weather	From	15/09/2023	to	17/09/2023
Parameters	Past Weather			
Rainfall (mm)	4.7			
Maximum Temperature (°C)	37-39			
Minimum Temperature (°C)	25-26			
Sky Condition (Octas)	4-6			
Relative Humidity (%)	47-72			
Wind Speed (kmph)	5-8			

Ensemble Weather Forecast until 08:30Hrs of **23-09-2024**

Parameters	19-09-2023	20-09-2023	21-09-2023	22-09-2023	23-09-2023
	Tuesday	Wednesday	Thursday	Friday	Saturday
Rainfall (mm)	12	6	7	9	8
Maximum Temperature (°C)	38	37	37	36	36
Minimum Temperature (°C)	26	25	25	24	24
Sky Condition (Octa)	8	8	7	8	8
Max. Relative Humidity (%)	70	70	70	70	80
Min. Relative Humidity (%)	40	40	40	40	50
Wind Speed (Kmph)	6	8	8	6	6
Wind Direction	W	W	W	W	W

<b>SMS Advisory</b>	Chances of Moderate rain during 19, 22, 23 Sep & light rain on 20, 21 Sep. Maximum temperature would be in the range of 36°C to 38°C and the minimum temperature would be between 24°C - 26°C. Cloudy sky will appear for the next five days. Wind expected with the speed of 6-8 Kmph from, West direction.
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### General Advisory:

Since cloudy sky with humid weather is prevailing, farmers are advised to use the Blue sticky trap to monitor the aphids, leaf miners and the yellow sticky trap to monitor the incidence of other sucking pests.

Light to Moderate rain with thunderstorm & lightning is likely to occur at one or two places over district during 19<sup>th</sup>, 20<sup>th</sup>, 21<sup>st</sup>, & 22<sup>th</sup> September 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.

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

### **Lablab:**

The chances of incidence of Leaf hopper in LabLab crop. The symptoms are, leaves mottle and yellowish in colour, Green colour insects found in the under surface of leaves. Spray the infested crop with E1mamectin @ 1gm per litre of water. Plant protection activities can be done, only on non-rainy days.

### **Maize:**

The application of micronutrients will rectify the nutrient deficiency in Maize Cultivation. Farmers who have planted maize recently can apply 5kg of Millet nutrient mixture or 10Kg of ZnSo<sub>4</sub> /acre. Also, apply Farm Yard Manure along with 2kgs of Azospirillum and 2kgs of Phosphobacteria per acre. Plant protection activities can be done, only on non-rainy days.

### **Animal Husbandry:**

To protect the livestock from thunderstorms and lightning Farmers are requested to avoid grazing the animals during rains, particularly grazing sheep and goats in the flock which are more prone to lightning shock.

Farmers should avoid tethering animals near barbed wire fencing posts and trees.

Trees near the animal sheds should be pruned to avoid accidental falls during heavy wind.

Further trees like rain trees and vathanarayanan are more prone to uprooting. More chance of lightning near hilly areas and undulated landscapes than in plains.

For fences with wooden poles and metal wires, it is advisable to check the condition of the buried parts at most once in 5 years and do the necessary replacement before the thunderstorm season begins.