
 MSSRF Science for Sustainable Development	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.kannivadi@gmail.com Fax: 044 – 22541319					
	District :	Dindigul	Forecast Period :	27/09/2023	to	
	Bulletin No:	MSSRF/ DGL /077/ 2023	Release Date :	26/09/2023		

Significant past weather	From	22/09/2023	to	25/09/2023
Parameters	Past Weather			
Rainfall (mm)	32.6			
Maximum Temperature (°C)	37-38			
Minimum Temperature (°C)	25-26			
Sky Condition (Octas)	4-5			
Relative Humidity (%)	41-79			
Wind Speed (kmph)	5-10			

Ensemble Weather Forecast until 08:30Hrs of 01-10-2024

Parameters	27-09-2023	28-09-2023	29-09-2023	30-09-2023	01-10-2023
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	5	6	14	15	18
Maximum Temperature (°C)	37	36	35	34	34
Minimum Temperature (°C)	26	25	24	24	23
Sky Condition (Octa)	6	8	8	8	7
Max. Relative Humidity (%)	70	70	80	80	80
Min. Relative Humidity (%)	40	50	50	50	60
Wind Speed (Kmph)	10	10	10	10	12
Wind Direction	W	SW	SW	SW	SW

SMS Advisory	Chances of light rain on 27, 28 Sep & Moderate rain during 29, 30 Sep, 1Oct. Maximum temperature would be in the range of 34°C to 37°C and the minimum temperature would be between 23°C - 26°C. Cloudy sky will appear for the next five days. Wind expected with the speed of 10-12 Kmph from, West & Southwest directions.
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General Advisory:

Heavy rain is likely to occur at one or two places over the district on 29 Sep & 1 October 2023. 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, inter-cultural 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.

Wind with the speed of 10 to 12 kmphs 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.

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.

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

Tomato:

The incidence of Early Blight is expected in Tomato. This is a common disease of tomatoes, occurring on the foliage at any stage of the growth. The fungus attacks the foliage, causing characteristic leaf spots and blight.

Blight is first observed on the plants as small, black lesions mostly on the older foliage. Lesions on the stems are similar to those on the leaves and also infect the fruit. Lesions usually involve nearly the entire fruit.

Remove and destroy the crop debris.

To control foliar spray Difenconazole @ 15ml with 10 litres of water.

Spraying activities can be carried out on a non-rainy day.

Bhendi:

The incidence of mites is noticed in the Bhendi crop. The symptoms are, leaves stippled with yellow, leaves may appear bronzed, and leaves are webbing covering.

To control prepare paste of Ginger 250gm, Chilli 250gm, Garlic 250gm and diluted the paste in 70 litres of water.

Take 100ml of Ginger, Chilly, and Garlic solution, add 250ml of well-fermented curd and 20ml of egg white with 10 litres of water and spray.

Animal Husbandry:

Goat-rearing farmers are advised to save their goats from mortality.

As a preventive measure against Haemorrhagic Septicemia, goats have to be vaccinated once a year before the onset of the rainy season, Contact the nearby veterinarian and vaccinate your goats.