
 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 :	Pudukkottai	Forecast Period :	20/03/2024	to	
	Bulletin No:	MSSRF/ PDK /023/ 2024	Release Date :	19/03/2024		

Significant past weather	From	15/03/2024	to	18/03/2024
		4		4
Parameters	Past Weather			
Rainfall (mm)	0.0			
Maximum Temperature (°C)	37-39			
Minimum Temperature (°C)	23-26			
Sky Condition (Octas)	4-5			
Relative Humidity (%)	33-82			
Wind Speed (kmph)	10-13			

Ensemble Weather Forecast
until **08:30Hrs of 24-03-2024**

Parameters	20-03-2024	21-03-2024	22-03-2024	23-03-2024	24-03-2024
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	0	8	4	10	2
Maximum Temperature (°C)	37	37	36	36	8
Minimum Temperature (°C)	25	25	24	24	25
Sky Condition (Octa)	6	5	6	5	4
Max. Relative Humidity (%)	84	82	86	84	80
Min. Relative Humidity (%)	40	42	44	38	32
Wind Speed (Kmph)	10	6	12	14	15
Wind Direction	SE	SE	E	E	E

SMS Advisory	Chances of Moderate rain on 21, 23 Mar & light rain on 22, 24 Mar. Maximum temperature would be in the range of 36°C to 37°C and the minimum temperature would be between 24°C-25°C. Generally cloudy sky will appear for the next five days. Wind expected with the speed of 6-15 Kmph from, Southeast & East directions.
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General Advisory:

Livestock:

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

Agriculture:

Wind with the speed of 6 to 15 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.

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

Bhendi:

There is the incense of Jassids attack in Bhendi crop. The symptoms are tender leaves becoming yellow, the margin of the leaves starting curling downwards and reddening.

severely infested leaves looking bronze colour which typical "hopper burn" symptom, leaf getting broken, crumbling and growth of the crop is retarded.

To control spray Imidacloprid 200 SL @ 100 ml/ha with spray fluid 500 litres /ha.

Watermelon:

Due to the prevailing weather condition the incidence of Aphid is expected in Watermelon. The symptom of damages is nymphs and adults suck the sap of leaves. It leads to leaf wilting, flower dropping. Growth of the plants is hindered. To control, spray Verticillium lecanii @ 40gam + sticky agent @ 10ml with 10litres of water.

Animal Husbandry:

Farmers are advised to prevent Chicks from Chick diarrhea disease, keep the diseased chick separately, and care.

Allow the Chicks to drink the medicated water for 5 days during morning and evening hours with a combination of 1 litre of water with 5 ml of Vimeral syrup. and 2gm Microzal powder or 2gm Bactrisol powder.