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Virudhunagar District level AAB No. 080/2023-24 Day & Date: Friday & 06.10.2023

Observed weather during last week ((Dated 29 th September to 02 nd October 2023)							Weather Parameters / Date	Weather forecast (Valid from 07 th October to 8:30 hrs of 11 th October 2023)				
29/09	30/09	01/10	02/10	03/10	04/10	05/10		Day 1 07/10	Day 2 08/10	Day 3 09/10	Day 4 10/10	Day 5 11/10
0.0	0.0	0.0	0.0	0.0	0.0	0.2	Rainfall (mm)	4	0	2	8	10
36	35	35	35	35	39	38	Max. Temp. (°C)	37	37	36	36	36
26	26	26	25	25	25	25	Min. Temp. (°C)	24	24	23	23	23
Generally cloudy	Generally cloudy	Partly cloudy	Generally cloudy	Clear sky	Partly cloudy	Clear sky	Cloud cover (Octa)	Generally cloudy	Generally cloudy	Mainly Cloudy	Mainly Cloudy	Mainly Cloudy
60	68	75	66	63	68	63	Relative humidity - Mor. (%)	70	70	70	78	78
54	57	51	49	54	44	54	Relative humidity - Eve. (%)	64	64	64	60	60
8	13	10	8	4	12	11	Wind speed (kmph)	12	12	12	8	8
W	W	W	W	S	S	SSW	Wind direction (dd)	S	S	S	SSW	SSW

Rainfall (mm) in last week	Rainfall (mm) from 01/01/2023 to till dated
0.2	428.1

Weather forecast

- The maximum temperature for the next five days may increase 1°C as compared to the previous week.
- Very light to light rainfall is predicted on day 1(07.10.2023), day 3(09.10.2023) to day 5 (11.10.2023).
- Sky condition will be clear to mainly cloudy sky.
- Wind speed is expected to be 8-12 km per hour and the wind direction will be from South and South-Southwest direction.

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	Very light to light rainfall is predicted for next five days. Hence, farmers are requested to postpone the irrigation.
	Rainfall	Avoid spraying
Rainfed crop	Sowing	Farmers are advised to take sowing.
Spraying	Rainfall	Avoid dry spell stress give with foliar spray of 1. Pulse- TNAU Pulse Wonder @ 2 kg/acre in 200 litres of water at flower initiation stage. 2. Rice- PPFM-Pink Pigmented Facultative Microbes @ 500 ml/ha at PI & flag leaf stage. 3. Groundnut - TNAU Groundnut Rich @ 2.0 kg/ac (for each spray) in 200 litres of water at peak flowering and pod filling stage. 4. Cotton -TNAU Cotton Plus @ 2.5 kg/ac with 200 litres of water at flowering and boll formation stages 5. Maize - TNAU Maize Maxima @ 3 kg/acre in 200 litres of water at tassel initiation and at grain filling stages
Cotton	Vegetative	Crop residue mulching may be done to reduce the evaporative loss of soil moisture.
Maize	Vegetative	The prevailing weather condition is conducive for fall armyworm incidence in early maize crop. Spray chlorantraniliprole 18.5% SC @ 0.4ml/ litre of water. Use only hand sprayer and direct the spray towards whorl region.
Chilli	Nursery preparation	Avoid spraying and provide drainage facilities.
Livestock	October month	Anthrax - Very High Risk – goat, sheep, cattle- Vaccination to be done in consultation with the veterinarians and as decided by state animal husbandry

forecast

authorities. Other diseases infection are at very low risk.

SMS: Rain: 07&09-11.10-4,2,8&10 mm. Postpone the Irrigation and avoid spray. Farmers are advised to take sowing.

Tamil Nadu

Light to Moderate Northwesterlies / Westerlies/ Southwesterlies prevail over the region in the lower tropospheric levels.

Weather forecast	Next five days	<ul style="list-style-type: none"><input type="checkbox"/> Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry & Karaikal area on Day 1 (07.10.2023) and Day 2 (08.10.2023).<input type="checkbox"/> Light to moderate rain at a few places with thunderstorm and lightning is likely to occur at one or two places over Tamilnadu, Puducherry & Karaikal area on Day 3 (09.10.2023).<input type="checkbox"/> Heavy rain is likely to occur at isolated places over Nilgiris, Ghat areas of Coimbatore, Erode, Krishnagiri, Tirupattur, Salem, Dharmapuri, Namakkal, Tiruchirappalli, Karur, Dindigul, Madurai and Theni districts of Tamilnadu on Day 3 (09.10.2023).<input type="checkbox"/> Light to moderate rain at a few places with thunderstorm and lightning is likely to occur at one or two places over Tamilnadu, Puducherry & Karaikal area on Day 4 (10.10.2023).<input type="checkbox"/> Heavy rain is likely to occur at isolated places over Nilgiris, Ghat areas of Coimbatore, Erode, Krishnagiri, Tirupattur, Salem, Dharmapuri, Namakkal, Tiruchirappalli, Karur, Dindigul, Madurai and Theni districts of Tamilnadu on Day 4 (10.10.2023)<input type="checkbox"/> Light to moderate rain at a few places with thunderstorm and lightning is likely to occur at one or two places over Tamilnadu, Puducherry & Karaikal area on Day 5 (11.10.2023).
Extended range of weather forecast		Week (13 th to 19 th Oct 2023): Above normal rainfall is likely over western ghat and adjoining interior districts of Tamilnadu and below normal rainfall is likely over rest of Tamilnadu, Puducherry and Karaikal.

**Professor and Head
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