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Tirunelveli District level AAB No. 101/2023-24 Day & Date: Tuesday & 19.12.2023

Observed weather during last week (Dated 08 th December to 14 th December 2023)							Weather Parameters / Date	Weather forecast (Valid from 20 th December to 8:30 hrs of 24 th December 2023)				
12/12	13/12	14/12	15/12	16/12	17/12	18/12		Day 1 20/12	Day 2 21/12	Day 3 22/12	Day 4 23/12	Day 5 24/12
7.2	1.7	0.2	0.1	1.4	55.8	363.6	Rainfall (mm)	25	4	3	3	0
30	30	30	30	29	27	26	Max. Temp. (°C)	26	25	24	24	25
25	25	24	24	24	24	23	Min. Temp. (°C)	23	22	21	21	22
Partly Cloudy	Generally Cloudy	Partly Cloudy	Generally Cloudy	Generally Cloudy	Cloudy	Cloudy	Cloud cover (Octa)	Cloudy	Generally Cloudy	Generally Cloudy	Partly Cloudy	Partly Cloudy
89	86	81	87	88	90	90	Relative humidity - Mor. (%)	90	90	90	90	90
77	77	70	80	87	87		Relative humidity - Eve. (%)	70	70	70	60	70
0	0	0	0	0	0	0	Wind speed (kmph)	14	12	12	12	16
N	N	N	0	0	0		Wind direction (dd)	N	N	N	N	N

Rainfall (mm) in last week	Rainfall (mm) from 01/01/2023 to till dated
430.0	1,619.7

Weather forecast

- The maximum temperature for the next five days may decrease by 4°C compared to the previous week.
- Light to Moderate rainfall is predicted next five days.
- Sky condition will be generally to mainly cloudy sky.
- Wind speed is expected to be 12-16 km per hour and the wind direction will be from North direction.

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	Extremely heavy rainfall was recorded during previous week. Hence, farmers are requested drain the water.
Plant protection	Rainfall	Avoid spraying for the next three days. After rain cessation, foliar spraying and soil trenching may be practiced
Cotton	Square formation to flower	Nipping terminal buds for arresting apical dominance and thus promoting growth sympodial branches for increasing productivity (70 – 75 DAS).
Chilli	Vegetative to flowering	Avoid spraying and provide drainage facilities. To avoid damping off infection. Soil drenching with copper oxychloride@ 2.5g/liter and Neem cake.
Paddy	Vegetative stage	Continuous rainy days, intermittent drizzles, cloudy weather and longer leaf wetness favours blast incidence. Spray carbendazim 50WP @ 500 g/ha or tricyclozole 75 WP @ 500 g/ha after observing initial infection of the disease
Sugarcane	All the stages	Farmers are requested to practice Detrashing, Heavy earthing up and propping to prevent lodging.
Banana	Vegetative to bunch formation	Drain the water and also propping may be practice to prevent lodging.
Livestock	Rainfall and Relative humidity	Chance for diseases spread. Farmers are requested to provide vaccination immediately.
Human		Stay in protective environment to avoid diseases spread and weather calamities.

SMS: Rain: 20-23.12-25,4,3&3mm. Avoid spraying. Provide drainage facilities. Livestock – provide vaccination immediately. Human- stay in protective environment.

Tamil Nadu

Yesterday's Cyclonic Circulation over Comorin area & neighbourhood now lies over Lakshadweep & neighbourhood and extends upto 3.1 km above mean sea level.

Weather forecast	Next five days	<ul style="list-style-type: none">• Day 1 (20-12-2023): Light to moderate rain is likely to occur at a few places over South Tamilnadu, at one or two places over North Tamilnadu, over Puducherry and Karaikal area. Heavy rain is likely to occur at one or two places over Kanyakumari, Tirunelveli, Thoothukudi, Ramanathapuram, Pudukkottai, Thanjavur, Tiruvarur and Nagapattinam districts of Tamilnadu.• Day 2 (21-12-2023) and Day 3 (22-12-2023): Light to moderate rain is likely to occur at a few places over South Tamilnadu, at one or two places over North Tamilnadu, over Puducherry and Karaikal area.• Day 4 (23-12-2023) and Day 5 (24-12-2023): Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry & Karaikal area
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**Professor and Head
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