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Tirunelveli District level AAB No. 103/2023-24 Day & Date: Tuesday & 26.12.2023

Observed weather during last week (Dated 19 th December to 25 th December 2023)							Weather Parameters / Date	Weather forecast (Valid from 27 th December to 8:30 hrs of 31 st December 2023)				
19/12	20/12	21/12	22/12	23/12	24/12	25/12		Day 1 27/12	Day 2 28/12	Day 3 29/12	Day 4 30/12	Day 5 31/12
87.4	10.1	4.9	11.3	0.0	0.0	1.8	Rainfall (mm)	1	3	4	3	2
NA	NA	27	27	28	29	28	Max. Temp. (°C)	28	28	27	26	26
NA	NA	24	24	23	23	24	Min. Temp. (°C)	23	22	22	21	21
NA	NA	Cloudy	Generally Cloudy	Cloudy	Cloudy	Cloudy	Cloud cover (Octa)	Partly Cloudy	Generally Cloudy	Mainly Cloudy	Mainly Cloudy	Generally Cloudy
NA	NA	85	92	87	92	87	Relative humidity - Mor. (%)	90	90	90	90	90
NA	NA	83	75	70	75	75	Relative humidity - Eve. (%)	70	70	70	70	70
NA	NA	0	0	0	0	0	Wind speed (kmph)	16	18	16	16	12
NA	NA	N	N	N	N	N	Wind direction (dd)	NNE	NNE	NNE	NNE	NNE

Rainfall (mm) in last week	Rainfall (mm) from 01/01/2023 to till dated
115.5	1,735.2

Weather forecast

- The maximum temperature for the next five days may decrease by 1°C compared to the previous week.
- Very light to light rainfall is predicted next five days.
- Sky condition will be partly to generally cloudy sky.
- Wind speed is expected to be 12-18 km per hour and the wind direction will be from North-Northeast direction.

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	Avoid irrigation.
Plant protection	Relative humidity	High relative humidity may induce disease incidence. foliar spraying may be practiced if rainfall not recorded to avoid fungal diseases spread and also soil trenching maybe given to overcome from water logged condition impact.
Cotton	Square formation to flower	High soil moisture will induce vegetative growth. Hence, practice nipping terminal buds for arresting apical dominance and thus promoting growth sympodial branches for increasing productivity (70 – 75 DAS).
Chilli	Vegetative to flowering	To avoid damping off infection due to water logged condition. Farmers are requested to practice Soil drenching with copper oxychloride@ 2.5g/liter and Neem cake.
Paddy	Vegetative stage	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	To overcome from wind damage, farmers are requested to practice Detrashing, Heavy earthing up and propping to prevent lodging.
Banana	Vegetative to bunch formation	To overcome the wind damage, propping may be practice to prevent lodging.
Livestock	Rainfall and Relative humidity	Chance for diseases spread. Farmers are requested to provide vaccination immediately.

SMS: Rain: 23-31.12-1,3,4,3&2mm. Cotton - Nipping (70 – 75 DAS) must. Relative humidity - Spray fungicide. Wind – banana & sugarcane- propping. Livestock – disease spread- provide vaccination immediately.

Tamil Nadu

Moderate Northeasterlies/Easterlies prevail over the region in the lower tropospheric levels.

Weather forecast	Next five days	<ul style="list-style-type: none">• Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry & Karaikal area from Day 1 (27-12-2023) to Day 3 (29-12-2023).• Light to moderate rain is likely to occur at a few places over Coastal Tamilnadu, at one or two places over interior Tamilnadu, Puducherry & Karaikal area on Day 4 (30-12-2023) & Day 5 (31-12-2023).
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**Professor and Head
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