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Thoothukudi 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
108.1	0.0	0.3	2.2	0.0	0.0	0.0	Rainfall (mm)	1	3	10	13	10
NA	NA	30	29	NA	NA	NA	Max. Temp. (°C)	28	27	26	26	25
NA	NA	24	24	NA	NA	NA	Min. Temp. (°C)	23	24	23	23	22
NA	NA	Generally Cloudy	Generally Cloudy	NA	NA	NA	Cloud cover (Octa)	Cloudy sky	Mainly cloudy	Mainly cloudy	Mainly cloudy	Generally Cloudy
NA	NA	87	90	NA	NA	NA	Relative humidity - Mor. (%)	80	80	90	90	90
NA	NA	89	79	NA	NA	NA	Relative humidity - Eve. (%)	60	60	60	70	70
NA	NA	3	1	NA	NA	NA	Wind speed (kmph)	22	22	22	20	16
NA	NA	NNE	E	NA	NA	NNE	Wind direction (dd)	NNE	ENE	ENE	NNE	NNE

Rainfall (mm) in last week	Rainfall (mm) from 01/01/2023 to till dated
110.6	1,085.0

Weather forecast

- It has been reported that the maximum temperature is likely to decrease by 2°C for the next five days compared to the previous week.
- Very light to light rain fall is predicted next five days
- Sky condition will be cloudy to mainly cloudy sky.
- Wind speed is expected to be 16-22 km per hour and the wind direction will be from North-Northeast and East-Northeast direction.

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	Avoid irrigation. Since, soil moisture may be up to saturation rate.
Plant protection	Relative humidity	Since, relative humidity predicted high, foliar spraying may be practiced if rainfall not recorded and also to avoid fungal diseases at root zone practice soil trenching.
Black gram	Harvest	Farmers are requested to harvest immediately. Since, rainfall is predicted harvested products may be allowed for shade dry and kept safe.
Groundnut	Flowering stage	Waterlogged condition may lead to yellowing of leaves is noticed. Hence, foliar spray of TNAU GROUNDNUT RICH @ 2 kg / acre at Peak flowering and pod development may be given if rainfall not recorded .
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.	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
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: 27-31.12-1,3,10,13&10 mm. Cotton - Nipping (70 – 75 DAS) must. Relative humidity - Spray fungicide. Wind- banana- propping must. 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).

**Professor and Head
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