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Thoothukudi District level AAB No. 031/2024 Day & Date: Tuesday & 16.04.2024

Observed weather for the period 09 th April to 15 th April 2024							Weather Parameters / Date	Weather forecast (Valid from 17 th April 2024 to 8:30 hrs of 21 st April 2024)				
09/04	10/04	11/04	12/04	13/04	14/04	15/04		Day 1 17/04	Day 2 18/04	Day 3 19/04	Day 4 20/04	Day 5 21/04
0.0	0.0	0.0	0.1	1.3	2.8	0.0	Rainfall (mm)	1	0	0	0	0
34	33	NA	NA	NA	NA	NA	Max. Temp. (°C)	33	33	33	34	34
29	28	NA	28	NA	NA	24	Min. Temp. (°C)	25	25	26	26	26
NA	NA	Partly cloudy	Mainly cloudy	NA	NA	Partly cloudy	Cloud cover (Octa)	Generally cloudy	Partly cloudy	Generally cloudy	Generally cloudy	Generally cloudy
80	86	NA	83	NA	NA	49	Relative humidity - Mor. (%)	70	70	70	70	70
67	67	NA	82	NA	NA	77	Relative humidity - Eve. (%)	40	40	30	30	30
3	3	NA	4	NA	NA	2	Wind speed (kmph)	16	14	14	16	14
ESE	ESE	NA	ESE	NA	NA	E	Wind direction (dd)	SSW	S	SSW	SSW	S

Rainfall (mm) in last week	Rainfall (mm) from 01/01/2023 to till dated
5.2	43.3

Weather forecast

- The maximum temperature is likely to be same compared to the previous week.
- Very light rainfall is predicted day 1 (17.04.2024).
- Sky condition will be partly to generally cloudy.
- Wind speed is expected to be 14-16 km per hour and the wind direction will be from South-Southwest and South direction.

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	Very light rainfall is predicted day 1 (17.04.2024). Farmers are advised to irrigate the crop
Plant protection	Plant protection	Advised for spraying.
Paddy	Tillering stage	<ul style="list-style-type: none"> • Avoid excessive use of nitrogen and control irrigation by alternate wetting and drying to control Brown plant leafhopper. • To avoid heat stress, foliar spray of 1% KCl to be practiced based local weather condition.
Summer ploughing	Rainfall	Farmers are requested to practice summer ploughing by utilizing previous week rainfall.
Vegetables	Rainfall	Harvest the products as earlier to avoid the rainfall damage

SMS: Rain: 17.04-1 mm. Irrigate the crop. Farmers are requested to utilize previous week rainfall for summer ploughing. Vegetables – Early harvest.

Tamil Nadu		
Yesterday's cyclonic circulation over Gulf of Mannar now lies over south Tamil Nadu & neighbourhood and extends upto 1.5 km above mean sea level. A cyclonic circulation lies over Rayalaseema at 1.5 km above mean sea level. A trough runs from Marathwada to North Interior Karnataka at 0.9 km above mean sea level.		
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 South Tamilnadu on Day 1 (17.04.2024). • Light to Moderate rain with thunderstorm and lightning is likely to occur at one or two places over Tamilnadu on Day 3 (19.04.2024) and Day 4(20.04.2024). • Light to Moderate rain is likely to occur at one or two places over Tamilnadu on Day 5 (21.04.2024).
Temperature forecast		• Day 2 (18.04.2024): It is likely to be 34°C to 38°C in most pockets over south Tamilnadu during the next 2 days.

		<ul style="list-style-type: none">• It is likely to be 38-41°C at many pockets over the plains of the interior districts during 19.04.2024 - 21.04.2024.
Temperature Warning		Day 1 (17.04.2024) to Day 5 (21.04.2024): Due to high temperatures and humid conditions, hot and discomfort weather is likely at isolated pockets over Tamilnadu during the next five days.

**Professor and Head
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