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Thoothukudi District level AAB No. 029/2024 Day & Date: Tuesday & 09.04.2024

Observed weather for the period 04 th April to 08 th April 2024							Weather Parameters / Date	Weather forecast (Valid from 10 th April 2024 to 8:30 hrs of 14 th April 2024)				
02/04	03/04	04/04	05/04	06/04	07/04	08/04		Day 1 10/04	Day 2 11/04	Day 3 12/04	Day 4 13/04	Day 5 14/04
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	0	1	1	3	1
34	34	33	35	NA	NA	NA	Max. Temp. (°C)	35	35	34	35	34
28	29	28	27	NA	NA	27	Min. Temp. (°C)	29	29	28	28	28
Clear sky	Partly cloudy	Partly cloudy	clear	NA	NA	Partly cloudy	Cloud cover (Octa)	Partly cloudy	Generally cloudy	Generally cloudy	cloudy	Partly cloudy
71	78	80	74	NA	NA	81	Relative humidity - Mor. (%)	70	70	70	70	70
72	75	75	68	NA	NA	74	Relative humidity - Eve. (%)	30	40	40	40	40
1	3	2	3	NA	NA	2	Wind speed (kmph)	14	12	12	10	14
S	SSW	SSW	SE	NA	NA	S	Wind direction (dd)	NE	E	E	E	NE

Rainfall (mm) in last week	Rainfall (mm) from 01/01/2023 to till dated
3.3	38.1

Weather forecast

- **The maximum temperature is likely to remain same to the previous week.**
- **Very light rainfall is predicted day 2 (11.04.2024) to day 5(14.04.2024).**
- **Sky condition will be generally cloudy.**
- **Wind speed is expected to be 10-14 km per hour and the wind direction will be from North east and East direction.**

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	Very light rainfall is predicted day 2 to day 5. Farmers are advised to irrigate the based on the local weather.
Plant protection	Plant protection	Avoid 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.
Livestock	Diseases forecast for the month of April	Peste des petits ruminants -goat and sheep-very high risk- Preventive Measures: Vaccination of susceptible animals of above 3 months old age. Restriction on animal movement, strict biosecurity measures and proper disposal of carcass.
	Temperature	Adults couldn't withstand the high temperature, to reduce the heat load usage of water sprinklers or misters can be useful to reduce temperature.
Human	Temperature	Heat gain in the human body result to cascade of illnesses, including heat cramps, heat exhaustion, heatstroke, and hyperthermia. So requested to drink some water or fruit juice to rehydrate.

SMS: Rain: 11-&14-1,13&1mm. irrigation based on local weather. Human and animals – increase in temperature advice for intake of water frequently to reduce heat stroke.

Tamil Nadu		
Yesterday's trough/wind discontinuity from north Coastal Andhra Pradesh to south Tamil Nadu now runs from north Gujarat to south Tamil Nadu across the cyclonic circulation over Madhya Maharashtra and Interior Karnataka at 0.9 km above mean sea level.		
Weather forecast	Next five days	Day 1 (10.04.2024) and Day 2 (11.04.2024) : Dry weather is very likely to prevail over Tamilnadu, Puducherry & Karaikal area. Day 3 (12.04.2024): Light to Moderate rain is likely to occur at one or two places over Coastal Tamilnadu and adjoining districts, Puducherry & Karaikal area.

		Dry weather is very likely to prevail over rest Tamilnadu. Day 4 (13.04.2024) and Day 5 (14.04.2024) : Light to Moderate rain with Thunderstorm and lightning is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.
Maximum Temperature:		Day 1 (09.04.2024) : It is likely to be 38°C to 41°C at many pockets over the plains of the interior districts; and 34°C to 38°C over most pockets in the coastal areas of Tamilnadu. Day 2 (10.04.2024) & Day 3(11.04.2024): Maximum temperatures over Tamilnadu is likely to be generally 2-3°C above normal.
Relative Humidity:		Day 1 (10.04.2024) to Day 3 (12.04.2024) : Humidity is likely to be about 30-50% in the afternoon hours and 40-70% during the rest of the day over the plains of interior districts; and 50-80% over the coastal areas during the next three days

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