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Thoothukudi District level AAB No. 027/2024 Day & Date: Tuesday & 02.04.2024

Observed weather for the period 26 th March 01 st April, 2024							Weather Parameters / Date	Weather forecast (Valid from 03 rd April 2024 to 8:30 hrs of 07 th April 2024)				
26/03	27/03	28/03	29/03	30/03	31/03	01/04		Day 1 03/04	Day 2 04/04	Day 3 05/04	Day 4 06/04	Day 5 07/04
0.0	0.0	0.2	3.1	0.0	0.0	0.2	Rainfall (mm)	0	0	0	0	0
33	33	33	NA	NA	NA	NA	Max. Temp. (°C)	34	35	35	36	36
26	27	26	NA	NA	NA	25	Min. Temp. (°C)	28	28	27	27	28
Partly cloudy	Partly cloudy	Partly cloudy	NA	NA	NA	Partly cloudy	Cloud cover (Octa)	Generally cloudy	Partly cloudy	Partly cloudy	Clear sky	Partly cloudy
86	86	92	NA	NA	NA	77	Relative humidity - Mor. (%)	70	70	70	70	70
73	76	78	NA	NA	NA	71	Relative humidity - Eve. (%)	30	30	30	30	30
3	3	3	NA	NA	NA	1	Wind speed (kmph)	16	14	14	14	16
NA	E	SSE	NA	NA	NA	E	Wind direction (dd)	S	S	S	S	S

Rainfall (mm) in last week	Rainfall (mm) from 01/01/2023 to till dated
3.5	38.1

Weather forecast

- **The maximum temperature is likely to increase 3°C compared to the previous week.**
- **No rainfall is predicted for next five days.**
- **Sky condition will be clear to generally cloudy.**
- **Wind speed is expected to be 14-16 km per hour and the wind direction will be from and South direction.**

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	No rainfall is predicted for next five days. Farmers are advised to irrigate the crop and fertilizer application
Plant protection	Plant protection	Spraying maybe practiced. Usage of bioproducts may be practiced for plant protection to avoid scorching effect.
Paddy	Tillering stage	<ul style="list-style-type: none"> • Farmers are advised to irrigate the crop. • Advised to apply the fertilizer. • Avoid excessive use of nitrogen and control irrigation by alternate wetting and drying to control Brown plant leafhopper.
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: Nil. Irrigate and proceed with application of fertilizer. Application of bioproducts for plant protection to avoid scorching. Paddy - Avoid excessive use of nitrogen & control irrigation to avoid Brown plant leafhopper.

Tamil Nadu		
Yesterday's trough/wind discontinuity from south Tamil Nadu to southeast Madhya Pradesh now runs from south Tamil Nadu to east Vidarbha across interior Karnataka & Marathwada at 0.9 km above mean sea level		
Weather forecast	Next five days	<ul style="list-style-type: none"> • Light to Moderate rain with thunderstorm & lightning is likely to occur at one or two places over South Tamilnadu and Western Ghats districts of North Tamilnadu on Day 1 (03.04.2024). • Dry weather is very likely to prevail over rest Tamilnadu, Puducherry & Karaikal area on Day 1 (03.04.2024). • Light to Moderate rain is likely to occur at one or two places over South Tamilnadu, Western Ghats districts of North Tamilnadu, Delta districts and Karaikal area on Day

		<p>2 (04.04.2024).</p> <ul style="list-style-type: none"> • Dry weather is very likely to prevail over rest Tamilnadu and Puducherry on Day 2 (04.04.2024). • Dry weather is very likely to prevail over Tamilnadu, Puducherry & Karaikal area from Day 3 (05.04.2024) to Day 5 (07.04.2024).
Extended range weather forecast		<p>Week (05-04-2024 to 11-04-2024): Slightly below normal rainfall is likely over the southern and the delta districts and Karaikal area and generally dry weather condition is likely over rest of Tamilnadu and Puducherry.</p>

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