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Thoothukudi District level AAB No. 023/2024 Day & Date: Tuesday & 19.03.2024

Observed weather for the period 12 th March 18 th March, 2024							Weather Parameters / Date	Weather forecast (Valid from 20 th March 2024 to 8:30 hrs of 24 th March 2024)				
12/03	13/03	14/03	15/03	16/03	17/03	18/03		Day 1 20/03	Day 2 21/03	Day 3 22/03	Day 4 23/03	Day 5 24/03
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	8	10	10
33	33	33	33	NA	NA	NA	Max. Temp. (°C)	33	33	32	32	32
26	26	25	27	NA	NA	26	Min. Temp. (°C)	27	27	27	26	26
Partly cloudy	Generally cloudy	Partly cloudy	Partly cloudy	NA	NA	Partly cloudy	Cloud cover (Octa)	Partly cloudy	Partly cloudy	Generally cloudy	Generally cloudy	Generally cloudy
85	85	83	86	NA	NA	78	Relative humidity - Mor. (%)	78	84	86	86	88
76	72	72	78	NA	NA	71	Relative humidity - Eve. (%)	74	78	78	72	72
2	1	2	2	NA	NA	2	Wind speed (kmph)	10	10	10	10	12
ESE	N	S	SE	NA	NA	E	Wind direction (dd)	NE	NE	E	E	E

Rainfall (mm) in last week	Rainfall (mm) from 01/01/2023 to till dated
0.0	31.0

Weather forecast

- The maximum temperature is likely to remain same or decrease 1°C compared to the previous week.
- Light rainfall is predicted for day 3 to day 5.
- Sky condition will be Partly to generally cloudy.
- Wind speed is expected to be 10-12 km per hour and the wind direction will be from East and North East direction.

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	Light rainfall is predicted on day 3 to day 5. Farmers are advised to postpone the irrigation.
Plant protection	Plant protection	Based on the local weather prevail, farmers are requested to decide for spraying.
Paddy	Tillering stage	<ul style="list-style-type: none"> • Expected rainfall, farmers are requested to maintain the water level. • Avoid application of fertilizer to avoid wastage
Chilli	Fruit formation and harvest	Dry weather may persist with fruit rot and die back diseases. Chemicals like wettable sulphur 0.2% (or) copper oxychloride 0.25% not only reduced the disease incidence but also increased the yield of fruits.
Livestock	Diseases forecast for the month of March	Haemorrhagic septicaemia-cattle, goat and sheep-high risk- Preventive Measures: Affected animals May be treated with suitable antibiotics. Vaccination to be done in consultation with the veterinarians and as decided by state animal husbandry authorities. Strict biosecurity measures May be followed. Carcass May be disposed hygienically and stress factors May be reduced by good animal husbandry practices
	Temperature	Reduce the heat load in livestock, use of water sprinklers or misters can be useful to cool
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: 22-24.03: 8,10&10mm. Avoid irrigation and application of fertilizer. Based on the local weather spraying may be practiced. Human and animals - Heat stress- intake of water frequently.

Tamil Nadu		
Weather forecast	Next five days	<ul style="list-style-type: none">• Dry weather is very likely to prevail over Tamilnadu, Puducherry & Karaikal area on Day 1 (20.03.2024).• Light to Moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area from Day 2 (21.03.2024) to Day 5 (24.03.2024).

**Professor and Head
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