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Thoothukudi District level AAB No. 022/2024 Day & Date: Friday & 15.03.2024

Observed weather for the period 08 th March 14 th March, 2024							Weather Parameters / Date	Weather forecast (Valid from 16 th March 2024 to 8:30 hrs of 20 th March 2024)				
08/03	09/03	10/03	11/03	12/03	13/03	14/03		Day 1 16/03	Day 2 17/03	Day 3 18/03	Day 4 19/03	Day 5 20/03
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
32	NA	NA	NA	33	33	33	Max. Temp. (°C)	33	34	33	34	34
25	NA	NA	26	26	26	25	Min. Temp. (°C)	27	26	26	27	27
Partly cloudy	NA	NA	Generally cloudy	Partly cloudy	Generally cloudy	Partly cloudy	Cloud cover (Octa)	Clear Sky	Clear Sky	Clear Sky	Clear Sky	Clear Sky
82	NA	NA	86	85	85	83	Relative humidity - Mor. (%)	80	70	70	70	70
80	NA	NA	76	76	72	72	Relative humidity - Eve. (%)	30	30	30	30	30
1	NA	NA	1	2	1	2	Wind speed (kmph)	10	12	12	10	10
SSE	NA	NA	ESE	ESE	N	S	Wind direction (dd)	E	E	E	E	ESE

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 increase 1°C compared to the previous week.
- No rainfall is predicted for the next five days.
- Sky condition will be clear sky.
- Wind speed is expected to be 10-12 km per hour and the wind direction will be from East and East-Southeast direction.

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	No chance of rain for next five days. Farmers are advised to irrigate the crop.
Plant protection	Temperature	Increase in temperature may increase pest incidence. Hence, farmers are requested to go for plant protection measures immediately to avoid crop damage.
Chilli	Fruit formation	<ul style="list-style-type: none"> • Under dry weather Anthracnose incidence were noticed. To control spray captan @ 0.2 %. (or) Neem oil. • Dry weather may persist with fruit rot and die back diseases. Chemicals like wetttable 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. Vac cination to be done in consultation with the v eterinarians 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 pr actices
	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: Nil. Provide irrigation. Chilli- Anthracnose - spray 3 % panchakavya and spray wetttable sulphur 0.2% for fruit rot and die back diseases. Human and animals -Heat stress- intake of water frequently.

Tamil Nadu

Yesterday's trough from east Vidarbha to north Tamil Nadu now runs from Marathwada to Comorin Area across interior Karnataka & Tamilnadu at 0.9 km above mean sea level.

Weather forecast	Next five days	<ul style="list-style-type: none">• Dry weather is very likely to prevail over Tamilnadu, Puducherry & Karaikal area from Day 1 (16.03.2024) to Day 5 (20.03.2024).• Maximum temperature will be 1 to 2 degrees above Normal over isolated parts of Tamilnadu from Day 1 (16.03.2024) to Day 3 (18.03.2024).
Extended range forecast		Week (22-03-2024 to 28-03-2024): Below normal rainfall is likely over the western ghat districts and generally dry conditions is likely over the rest of Tamilnadu, Puducherry and Karaikal.

**Professor and Head
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