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

Observed weather for the period 08 <sup>th</sup> March 14 <sup>th</sup> March, 2024							Weather Parameters / Date	Weather forecast (Valid from 16 <sup>th</sup> March 2024 to 8:30 hrs of 20 <sup>th</sup> 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)	1	0	0	0	0
35	33	36	35	35	35	36	Max. Temp. (°C)	37	36	37	37	37
25	25	25	25	25	25	25	Min. Temp. (°C)	25	24	25	24	25
Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Clear sky	Cloud cover (Octa)	Clear sky	Clear sky	Clear sky	Clear sky	Clear sky
85	84	84	83	81	83	82	Relative humidity - Mor. (%)	90	70	60	60	70
47	47	47	44	46	46	43	Relative humidity - Eve. (%)	30	20	30	20	30
1	2	2	2	2	2	2	Wind speed (kmph)	10	10	10	8	8
SSE	ENE	ENE	ENE	ENE	ENE	ENE	Wind direction (dd)	ENE	ENE	ENE	ENE	ESE

<b>Rainfall (mm) in last week</b>	<b>Rainfall (mm) from 01/01/2024 to till dated</b>
<b>0.0</b>	<b>240.6</b>

**Weather forecast**

- **The maximum temperature is likely to increase 1°C compared to the previous week.**
- **Very light rainfall is predicted on day 1 (16.03.2024).**
- **Sky condition will be clear sky.**
- **Wind speed is expected to be 8-10 km per hour and the wind direction will be from East-Northeast and East-Southeast direction.**

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	Very light rain is predicted on day 1 (16.03.2024). Farmers are advised to irrigate the crop.
rainfed / irrigated crops	Temperature	Increase in temperature may increase pest incidence. Hence, farmers are requested to go for plant protection measures immediately to avoid crop damage.
Paddy	Milking stage	Prevailing weather may persist with Yellow stemborer. Spray Chlorantraniliprole 18.5% SC 60 ml/ac.
Livestock	Diseases forecast for the month of March	Goat pox: A Serious viral disease of goats commonly occurring in summer. The disease spread by direct contact and contaminated feed and water. Prevention: Annual revaccination should be done at the time of Feb-March. Treatment: Boric acid and glycerin paste can be applied over the skin lesions. Antibiotics should be given for 3-5 days. Contact near by Veterinary hospital.
	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: 16.03-1mm. Provide irrigation. Paddy- Yellow stemborer. To control spray Chlorantraniliprole 18.5% SC 60 g/ac. Human and animals -Heat stress- intake of water frequently.

<b>Tamil Nadu</b>
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"> <li>• Dry weather is very likely to prevail over Tamilnadu, Puducherry &amp; Karaikal area from Day 1 (16.03.2024) to Day 5 (20.03.2024).</li> <li>• 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).</li> </ul>
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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