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

Observed weather for the period 12 <sup>th</sup> March 18 <sup>th</sup> March, 2024							Weather Parameters / Date	Weather forecast (Valid from 20 <sup>th</sup> March 2024 to 8:30 hrs of 24 <sup>th</sup> 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	2	6	6	0
37	37	38	39	38	38	38	Max. Temp. (°C)	38	38	37	38	38
23	23	23	26	25	25	24	Min. Temp. (°C)	25	25	24	25	25
Mainly clear	Mainly clear	Mainly clear	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Cloud cover (Octa)	Partly cloudy	Generally cloudy	Generally cloudy	Partly cloudy	Partly cloudy
74	80	57	78	85	78	75	Relative humidity - Mor. (%)	80	84	85	78	76
32	30	28	38	36	34	39	Relative humidity - Eve. (%)	40	44	46	42	40
4	6	7	6	6	8	5	Wind speed (kmph)	10	10	8	10	12
SSE	SSE	E	SE	E	E	E	Wind direction (dd)	E	E	E	E	E

<b>Rainfall (mm) in last week</b>	<b>Rainfall (mm) from 01/01/2024 to till dated</b>
<b>0.0</b>	<b>95.8</b>

**Weather forecast**

- **The maximum temperature is likely to be same compared to the previous week**
- Very light to light rainfall is predicted for day 2 to day 4.
- Sky condition will be partly to generally cloudy.
- Wind speed is expected to be 8-12 km per hour and the wind direction will be East direction.

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	Very light to light rainfall is predicted for day 2 to day 4. Hence, farmers are requested to postponed the irrigation.
Rainfed / irrigated crops	Plant protection	Based on the local weather prevail, farmers are requested to decide for spraying.
Paddy	Transplanting stage	<ul style="list-style-type: none"> <li>• Expected rainfall, farmers are requested to maintain the water level in paddy and provide drainage facilities for pulse to avoid water stagnation.</li> <li>• Avoid application of fertilizer to avoid wastage.</li> </ul>
Pulses (Black gram/ green gram)	Sowing	
Chilli	Fruit formation	Morning relative humidity may persist with fruit rot and die back diseases. Spraying of wetttable sulphur 0.2% (or) copper oxychloride 0.25% not only reduced the disease incidence but also increase the yield of fruits.
Jasmine	Flowering stage	Dry weather may induce Budworm. Spray Neem Seed Kernal Extract 5%.
Livestock	Diseases forecast for the month of March	1. African Swine Fever – Cattle, goat and sheep – Very high risk 2. Sheep & Goat pox – Cattle, goat and sheep – Very high risk  A Serious viral disease of goats commonly occurring in summer. The disease spread by direct contact and contaminated feed and water. Treatment: Boric acid and glycerin paste can be applied over the skin lesions. Antibiotics should be given for 3-5 days. Contact nearby Veterinary hospital.
	Temperature	To 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: 21-23:2,6&6mm. Avoid irrigation and application of fertilizer. Based on the local weather spraying may be practiced. Human and animals - Heat stress- intake of water frequently.

<b>Tamil Nadu</b>		
<b>Weather forecast</b>	<b>Next five days</b>	<ul style="list-style-type: none"><li>• Dry weather is very likely to prevail over Tamilnadu, Puducherry &amp; Karaikal area on Day 1 (20.03.2024).</li><li>• 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).</li></ul>

**Professor and Head  
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