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Virudhunagar 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
36	38	38	37	37	37	38	Max. Temp. (°C)	39	39	38	38	39
23	25	26	25	23	23	23	Min. Temp. (°C)	26	25	25	26	26
Mainly clear	Mainly clear	Generally cloudy	Partly cloudy	Mainly clear	Mainly clear	Mainly clear	Cloud cover (Octa)	Clear	Clear	Clear	Clear	Clear
80	85	81	75	74	80	57	Relative humidity - Mor. (%)	80	60	60	60	60
40	38	39	45	32	30	28	Relative humidity - Eve. (%)	20	20	20	20	20
8	7	5	8	4	6	7	Wind speed (kmph)	10	10	10	10	10
E	E	NE	E	SSE	SSE	E	Wind direction (dd)	E	E	E	E	E SE

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

Weather forecast

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

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	No rainfall is predicted for next five days. Crop may under stress, Farmers are request 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.
Chilli	Fruit formation	<ul style="list-style-type: none"> • Anthracnose noticed under dry weather condition. To control spray captan 0.2 %. (or) Neem oil. • 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	<ol style="list-style-type: none"> 1. African Swine Fever – Cattle, goat and sheep – Very high risk 2. Sheep & Goat pox – Cattle, goat and sheep – Very high risk <p>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.</p>
	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 wettable 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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