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Virudhunagar District level AAB No. 031/2024 Day & Date: Tuesday & 16.04.2024

Observed weather for the period 09 th April to 15 th April 2024							Weather Parameters / Date	Weather forecast (Valid from 17 th April 2024 to 8:30 hrs of 21 st April 2024)				
09/04	10/04	11/04	12/04	13/04	14/04	15/04		Day 1 17/04	Day 2 18/04	Day 3 19/04	Day 4 20/04	Day 5 21/04
0.0	0.0	0.0	0.1	22.0	8.2	0.0	Rainfall (mm)	1	0	0	0	0
40	38	38	38	36	35	37	Max. Temp. (°C)	37	37	36	36	35
27	26	27	28	25	25	26	Min. Temp. (°C)	26	25	25	24	24
Partly cloudy	Partly cloudy	Generally cloudy	Mainly cloudy	Generally cloudy	Partly cloudy	Generally cloudy	Cloud cover (Octa)	Generally cloudy	Generally cloudy	Generally cloudy	Mainly cloudy	Mainly cloudy
70	65	63	71	82	83	72	Relative humidity - Mor. (%)	80	70	70	70	70
37	37	51	84	61	41	64	Relative humidity - Eve. (%)	30	30	30	30	20
14	11	8	5	6	7	10	Wind speed (kmph)	12	10	12	12	12
ESE	E	ESE	N	SSW	ENE	S	Wind direction (dd)	S	S	S	SSW	S

Rainfall (mm) in last week	Rainfall (mm) from 01/01/2024 to till dated
30.3	126.3

Weather forecast

- Maximum temperature is likely to decrease with 2-3°C the previous week
- Very light rainfall is predicted on day 1 (17.04.2024).
- Sky condition will be generally to mainly cloudy.
- Wind speed is expected to be 10 -12 km per hour and the wind direction will be South and South-Southwest direction.

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	Very light rainfall is predicted on day 1 (17.04.2024). Farmers are advised to irrigate the crop and fertilizer application.
Summer ploughing	Rainfall	Farmers are requested to utilize previous week rainfall for summer ploughing.
Rainfed / irrigated crops	Plant protection	Spraying maybe practiced. Usage of bioproducts may be practiced for plant protection to avoid scorching effect.
Paddy	Tillering stage	Farmers are advised to irrigate and apply the recommended fertilizer.
Pulses (Black gram/ green gram)	Vegetative stage	Farmers are advised to irrigate the crop.

SMS: Rain: 17- 1 mm. Irrigate the crop. Farmers are requested to utilize previous week rainfall for summer ploughing.

Tamil Nadu		
Yesterday's cyclonic circulation over Gulf of Mannar now lies over south Tamil Nadu & neighbourhood and extends upto 1.5 km above mean sea level. A cyclonic circulation lies over Rayalaseema at 1.5 km above mean sea level. A trough runs from Marathwada to North Interior Karnataka at 0.9 km above mean sea level.		
Weather forecast	Next five days	<ul style="list-style-type: none"> • Light to Moderate rain is likely to occur at one or two places over South Tamilnadu on Day 1 (17.04.2024). • Light to Moderate rain with thunderstorm and lightning is likely to occur at one or two places over Tamilnadu on Day 3 (19.04.2024) and Day 4(20.04.2024). • Light to Moderate rain is likely to occur at one or two places over Tamilnadu on Day 5 (21.04.2024).
Temperature forecast		• Day 2 (18.04.2024): It is likely to be 34°C to 38°C in most pockets over south Tamilnadu during the next 2 days.

		<ul style="list-style-type: none">• It is likely to be 38-41°C at many pockets over the plains of the interior districts during 19.04.2024 - 21.04.2024.
Temperature Warning		Day 1 (17.04.2024) to Day 5 (21.04.2024): Due to high temperatures and humid conditions, hot and discomfort weather is likely at isolated pockets over Tamilnadu during the next five days.

**Professor and Head
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