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Virudhunagar District level AAB No. 006/2024 Day & Date: Friday & 19.01.2024

(Observed weather during last week Dated 12 th January 2024 to 18 th January, 2024)							Weather Parameters / Date	Weather forecast (Valid from 20 th January 2024 to 8:30 hrs of 24 th January 2024)				
12/01	13/01	14/01	15/01	16/01	17/01	18/01		Day 1 20/01	Day 2 21/01	Day 3 22/01	Day 4 23/01	Day 5 24/01
11.1	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	4	4	0	0	0
32	31	32	32	31	32	32	Max. Temp. (°C)	33	33	32	32	33
23	21	22	21	21	19	21	Min. Temp. (°C)	23	23	22	22	23
Generally cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	clear sky	Generally cloudy	Cloud cover (Octa)	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy
80	83	88	82	85	85	87	Relative humidity - Mor. (%)	90	90	90	90	90
53	53	53	50	50	41	55	Relative humidity - Eve. (%)	60	50	50	50	40
9	7	6	7	7	6	8	Wind speed (kmph)	12	14	12	12	12
NE	NE	NE	E	E	E	E	Wind direction (dd)	ENE	ENE	ENE	ENE	ENE

Rainfall (mm) in last week	Rainfall (mm) from 01/01/2024 to till dated
11.1	87.1

Weather forecast

- The maximum temperature is likely to increase by 1°C Celsius for the next five days compared to the previous week.
- Light rainfall is predicted for next two days.
- Sky condition will be partly cloudy sky.
- Wind speed is expected to be 12-14 km per hour and the wind direction will be East-Northeast direction.

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	Irrigate the crop after two days.
rainfed / irrigated crops	Relative humidity/dew	Fungicide Spray may be given to avoid diseases due to high relative humidity
Maize & Sorghum	Harvest	Farmers are requested to go with machine harvest and kept safe.
Chilli	Flowering	<ul style="list-style-type: none"> • High relative humidity may induce Powdery mildew, spraying of Wettable sulphur @3 g/lit or Carbendazim 1 g/lit. at 15 days interval of 3 sprays are required from the first appearance of symptom. • In order to meet the nutrient requirement, spray 1% solution of 19:19:19 fertilizer.
Sunflower	Heading	The expected weather having low cloud cover and moderate to high humidity are conducive for the incidence of head borer. Spray 5% Neem oil or 5% Neem Seed Kernal extract before egg laying.
Livestock	Relative humidity	Farmers are requested to provide vaccination immediately.

SMS: Rain: 20&21.01-4&4 mm. Spray Wettable sulphur @3 g/lit. to control Chilli Powdery mildew and spray 1% 19:19:19 fertilizer for nutrient requirement. Spray 5% Neem oil for Sunflower head borer.

Tamil Nadu		
Weather forecast	Next five days	<ul style="list-style-type: none"> • Light to moderate rain with thunderstorm & lightning is likely to occur at one or two places over South Tamil Nadu, Delta districts and Karaikal area on Day 1 (20.01.2024). • Dry weather is very likely to prevail over rest Tamil Nadu and Puducherry on Day 1 (20.01.2024). • Light to moderate rain is likely to occur at one or two places over South Tamil Nadu, Delta districts and Karaikal area on Day 2 (21.01.2024). • Dry weather is very likely to prevail over rest Tamil nadu and Puducherry on Day 2 (21.01.2024). • Dry weather is very likely to prevail over Tamil nadu, Puducherry & Karaikal area from to Day 3 (22.01.2024) to Day 5 (24.01.2024).
Extended range weather forecast		<ul style="list-style-type: none"> • Week (26-01-2024 to 01-02-2024): Generally dry condition is likely over Tamil Nadu, Puducherry and Karaikal.

**Professor and Head
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