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Thoothukudi District level AAB No. 012/2024 Day & Date: Friday & 09.02.2024

Observed weather for the period 02 nd to 8 th February, 2024							Weather Parameters / Date	Weather forecast (Valid from 9 th February 2024 to 8:30 hrs of 13 th February 2024)				
02/02	03/02	04/02	05/02	06/02	07/02	08/02		Day 1 09/02	Day 2 10/02	Day 3 11/02	Day 4 12/02	Day 5 13/02
9.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	1	0	0	1	1
29	NA	NA	NA	31	31	31	Max. Temp. (°C)	31	32	32	32	31
26	NA	NA	24	24	23	23	Min. Temp. (°C)	23	23	22	23	24
Partly cloudy	NA	NA	Partly cloudy	Mainly clear	Mainly clear	Partly cloudy	Cloud cover (Octa)	Generally cloudy	Generally cloudy	Partly cloudy	Mainly clear	Generally cloudy
86	NA	NA	86	85	85	83	Relative humidity - Mor. (%)	80	80	80	80	80
82	NA	NA	75	78	78	81	Relative humidity - Eve. (%)	40	40	50	50	50
2	NA	NA	2	3	2	2	Wind speed (kmph)	18	20	20	16	18
ESE	NA	NA	E	N	E	E	Wind direction (dd)	NE	NE	NE	NE	NE

Rainfall (mm) in last week	Rainfall (mm) from 01/01/2023 to till dated
11.8	31.0

Weather forecast

- **The maximum temperature is likely to increase 1°C compared to the previous week.**
- **Very light rainfall is predicted on day1(09.02), day 4 (12.02) and day 5 (13.02.2024).**
- **Sky condition will be generally to partly cloudy sky.**
- **Wind speed is expected to be 16-20 km per hour and the wind direction will be from Northeast direction.**

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	Wind speed is high, evapotranspiration will be high. Hence, Irrigate the crop.
Plant protection	Relative humidity/ dew	High relative humidity and moderate wind speed may increase the disease spread. Hence, spray fungicide to avoid diseases spread.
Cotton	boll formation & Maturation stage	Spray Phosalone 35% EC@ 2.5 l/ ha or Quinalphos 25 EC@ 2.0 l/ha (or) Emamectin benzoate 5% SG 190-220 g/ha . to control boll worm incidence.
Paddy	Tillering, panicle initiation stage	❖ Prevailing weather may persist with Leaf folder (or) leaf roller. To control spray Chlorantraniliprole 18.5% SC 60 g/ac. ❖ Prevailing weather may persist with White backed plant hopper. Spray Azadirachtin 0.03% @400 ml.
Chilli	Fruit formation	• Dry weather may induce Tobacco Cutworm in Chilli. Spray with Spinosad 45% SC 3.2ml/10 litre of water (or) Emamectin benzoate 5%SG 4g/10lit. • In order to meet the nutrient requirement, spray 1% solution of 19:19:19 fertilizer.
Livestock	Dry condition	1. Dry condition is expected provide water frequently. 2. Avoid grazing ruminants during the early morning hours 3. The ruminants must not be tethered in marshy and slushy area to avoid foot rot, they must be housed in damp free elevated places.
	Goat	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.3. Antibiotics should be given for 3-5 days. Contact near by Veterinary hospital.

SMS: Rain: 09,12&13.02-1,1&1mm Spray Chlorantraniliprole 18.5% SC @ 60 g/ac. to control Paddy Leaf folder. Spray Emamectin benzoate 5% SG @190-220 g/ha to control cotton boll worm incidence.

Tamil Nadu		
Light to Moderate Easterlies/Northeasterlies prevail over the region in the lower tropospheric levels		
Weather forecast	Next five days	<ul style="list-style-type: none">• On Day 1 (10.02.2024) & Day 2 (11.02.2024): Dry weather is very likely to prevail over Tamilnadu, Puducherry & Karaikal area. Mist/Haze is likely to prevail over Tamilnadu, Puducherry and Karaikal area during early morning hours.• Day 3 (12.02.2024) & Day 4 (13.02.2024): Dry weather is very likely to prevail over Tamilnadu, Puducherry & Karaikal area.• Day 5 (14.02.2024): Light rain is likely to occur at one or two places over South Tamilnadu, Delta region & Karaikal area. Dry weather is very likely to prevail over Rest Tamilnadu.
Extended range of weather forecast		Week (16-02-2024 to 22-02-2024): Near normal to below normal rainfall is likely over Tamilnadu, Puducherry and Karaikal

**Professor and Head
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