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Thoothukudi District level AAB No. 009/2024 Day & Date: Tuesday & 30.01.2024

(Observed weather during last week Dated 23 rd January 2024 to 29 th January, 2024)							Weather Parameters / Date	Weather forecast (Valid from 31 st January 2024 to 8:30 hrs of 04 th February 2024)				
23/01	24/01	25/01	26/01	27/01	28/01	29/01		Day 1 31/01	Day 2 01/02	Day 3 02/02	Day 4 03/02	Day 5 04/02
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	1	3	2	1	1
31	31	31	NA	NA	NA	NA	Max. Temp. (°C)	32	32	32	31	32
23	24	23	NA	NA	NA	23	Min. Temp. (°C)	23	24	24	25	25
Mainly clear	Partly cloudy	Clear sky	NA	NA	NA	Partly cloudy	Cloud cover (Octa)	Clear sky	Generally cloudy	Partly cloudy	Clear sky	Partly cloudy
88	90	84	NA	NA	NA	83	Relative humidity - Mor. (%)	90	80	90	80	80
72	72	79	NA	NA	NA	79	Relative humidity - Eve. (%)	50	50	50	50	50
3	1	1	NA	NA	NA	1	Wind speed (kmph)	10	8	8	12	12
NE	E	N	NA	NA	NA	E	Wind direction (dd)	ENE	E	E	ENE	ENE

Rainfall (mm) in last week	Rainfall (mm) from 01/01/2023 to till dated
0.0	19.2

Weather forecast

- The maximum temperature is likely to increase by 1°C Celsius for the next five days compared to the previous week.
- Very light to light rainfall is predicted for the next five days.
- Sky condition will be partly cloudy sky.
- Wind speed is expected to be 8-12 km per hour and the wind direction will be from East-Northeast and East direction.

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	Irrigate the crop based on local weather condition.
Plant protection	Relative humidity/ dew	Fungicide spray may be avoided.
Cotton	Squaring to boll formation stage	If rainfall do not exist, 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.
Sunflower	Heading stage	Moderate to high humidity are conducive for the incidence of head borer. To control the pest, spray 5% Neem oil or 5% Neem Seed Kernal extract before egg laying.
Paddy	Tillering, panicle initiation stage	❖ Application of fertilizer may be postponed. If rainfall do not persist/record may be practiced. ❖ Apply recommended dose of N and K during tillering to avoid nutrient deficiency. ❖ Spray Neem seed kernal extract 5% for effective control of pest.
Sesame	Pod development stage	Prevailing weather condition is favorable for Sesamum phyllody incidence. To control vector, spray Monocrotophos 36 or Dimethoate 30 EC 500 ml/ha.
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.

		<ul style="list-style-type: none"> • In order to meet the nutrient requirement, spray 1% solution of 19:19:19 fertilizer.
Livestock	Dry condition	<ol style="list-style-type: none"> 1. Dry condition is expected provide water frequently. 2. Avoid grazing ruminants during the early morning hours 3. he ruminants must not be tethered in marshy and slushy area to avoid foot rot, they must be housed in damp free elevated places.

SMS: Rain: 31-04.02-1,3,2,1&1mm. Paddy – postponed the fertilizer application. If rainfall do not persist apply N and K to avoid nutrient deficiency. Spray Neem seed kernal extract 5% to control sunflower- head borer.

Tamil Nadu		
Weather forecast	Next five days	<ul style="list-style-type: none"> • Light rain is likely to occur at one or two places over South Tamilnadu, Delta districts and Karaikal area on Day 1 (31.01.2024). • Dry weather is very likely to prevail over rest Tamilnadu and Puducherry. Mist/Haze is likely to prevail at isolated pockets over Interior Tamilnadu during early morning hours on Day 1 (31.01.2024). • Light rain is likely to occur at one or two places over Tamilnadu, Puducherry & Karaikal area. Mist/Haze is likely to prevail at isolated pockets over Interior Tamilnadu during early morning hours on Day 2 (01.02.2024). • Light rain is likely to occur at one or two places over Tamilnadu, Puducherry & Karaikal area on Day 3 (02.02.2024) and Day 4 (03.02.2024). • Dry weather is very likely to prevail over Tamilnadu, Puducherry & Karaikal area on Day 5 (03.02.2024).

**Professor and Head
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