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Thoothukudi District level AAB No. 013/2024 Day & Date: Tuesday & 13.02.2024

Observed weather for the period 06 th to 12 th February, 2024							Weather Parameters / Date	Weather forecast (Valid from 14 th February 2024 to 8:30 hrs of 18 th February 2024)				
06/02	07/02	08/02	09/02	10/02	11/02	12/02		Day 1 14/02	Day 2 15/02	Day 3 16/02	Day 4 17/02	Day 5 18/02
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	2	1	1	0	0
31	31	31	31	NA	NA	NA	Max. Temp. (°C)	32	32	33	32	32
24	23	23	24	NA	NA	24	Min. Temp. (°C)	24	24	23	24	24
Mainly clear	Mainly clear	Partly cloudy	Partly cloudy	NA	NA	Partly cloudy	Cloud cover (Octa)	Partly cloudy	Partly cloudy	Generally cloudy	Generally cloudy	Generally cloudy
85	85	83	86	NA	NA	84	Relative humidity - Mor. (%)	80	90	80	80	80
78	78	81	79	NA	NA	68	Relative humidity - Eve. (%)	50	50	40	50	50
3	2	2	2	NA	NA	4	Wind speed (kmph)	18	16	16	18	16
N	E	E	NNE	NA	NA	E	Wind direction (dd)	ENE	ENE	ENE	ENE	ENE

Rainfall (mm) in last week	Rainfall (mm) from 01/01/2023 to till dated
0.0	31.0

Weather forecast

- **The maximum temperature is likely to increase 2°C compared to the previous week.**
- **Very light rainfall is predicted on day1(14.02.2024) to day 3 (16.02.2024).**
- **Sky condition will be partly to generally cloudy sky.**
- **Wind speed is expected to be 16-18 km per hour and the wind direction will be from East-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. • Under dry weather noticed Anthracnose. To control spray captan 0.2 %. (or) Neem oil.
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:14-16.02-2,1&1mm Spray Chlorantraniliprole 18.5% SC @ 60 g/ac. to control Paddy Leaf folder. spray captan 0.2 %. (or) Neem oil to control Anthracnose in chillie.

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 Coastal Tamilnadu, Puducherry and Karaikal area on Day 1 (14.02.2024).• Dry weather is very likely to prevail over Interior Tamilnadu on Day 1 (14.02.2024).• Mist/Haze is likely to prevail at isolated places over Interior Tamilnadu during early morning hours on Day 1 (14.02.2024).• Light rain is likely to occur at one or two places over South Tamilnadu, Delta Districts and Karaikal area on Day 2 (15.02.2024).• Dry weather is very likely to prevail over rest North Tamilnadu and Puducherry on Day 2 (15.02.2024).• Mist/Haze is likely to prevail at isolated places over Interior Tamilnadu during early morning hours on Day 2 (15.02.2024).• Dry weather is very likely to prevail over Tamilnadu, Puducherry & Karaikal area from Day 3 (16.02.2024) to Day 5 (18.02.2024).

**Professor and Head
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