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Thoothukudi District level AAB No. 035/2024 Day & Date: Tuesday & 30.04.2024

Observed weather for the period 23 rd April to 29 th April 2024							Weather Parameters / Date	Weather forecast (Valid from 01 st May 2024 to 8:30 hrs of 05 th May 2024)				
23/04	24/04	25/04	26/04	27/04	28/04	29/04		Day 1 01/05	Day 2 02/05	Day 3 03/05	Day 4 04/05	Day 5 05/05
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
35	34	35	34	NA	NA	NA	Max. Temp. (°C)	36	36	37	37	37
29	28	28	28	NA	NA	27	Min. Temp. (°C)	27	27	27	26	26
Partly cloudy	Partly cloudy	Clear sky	Partly cloudy	NA	NA	Generally cloudy	Cloud cover (Octa)	Partly cloudy	Partly cloudy	Partly cloudy	Mainly clear	Mainly clear
76	78	73	78	NA	NA	80	Relative humidity - Mor. (%)	70	70	70	70	70
76	72	70	69	NA	NA	68	Relative humidity - Eve. (%)	30	30	40	30	30
3	2	0	1	NA	NA	3	Wind speed (kmph)	14	16	18	14	16
ESE	ESE	ESE	E	NA	NA	SE	Wind direction (dd)	S	S	S	S	S

Rainfall (mm) in last week	Rainfall (mm) from 01/01/2023 to till dated
0.0	43.3

Weather forecast

- The maximum temperature is likely to be increase with 2° C the previous week
- No rainfall is predicted for next five days.
- Sky condition will be partly cloudy to clear sky.
- Wind speed is expected to be 14-18 km per hour and the wind direction will be from South.

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	No rainfall is predicted for next five days. Farmers are advised to irrigate the crop
Plant protection	Plant protection	Spraying maybe practiced. Usage of bioproducts may be practiced for plant protection to avoid scorching effect.
Summer ploughing	Moisture conservation	Farmers are requested for summer ploughing to hold the rainfall in future.
Paddy	Panicle initiation stage	• Irrigate the crop.
Mango	Fruiting stage	• Shade and high humidity due to close planting favor hoppers infestation result to Sooty mould. If sucking pest is available spray Imidachloprid 120 ml/ acre or else spray Starch or Maida solution 5 %.
Coconut	All the stage	• Weather favours for rugose whitefly incidence. Spraying starch solution (1%) to dislodge the heavy sooty mould deposition on the leaves of infested plants. Use of yellow sticky traps to trap the adult whiteflies • Encourage build-up of parasitoids (Encarsia sp.) and re-introduce parasitized pupae to emerging zones of whitefly outbreak. In case of severe infestation, spray neem oil 0.5% • No insecticides should be applied to manage the pest.
Banana	All the stage	• Soil temperature favours Fusarium wilt. drenching with Copper oxy chloride 2.5g/l to control the infestation.

SMS: Rain: Nil. Irrigate the crop. Coconut - rugose whitefly- Spray starch solution (1%) (or) neem oil 0.5%.
 Banana- Fusarium wilt. drenching with Copper oxy chloride 2.5g/l

Tamil Nadu

Yesterday's trough/wind discontinuity from central Vidarbha to Coastal Karnataka across Marathwada, Interior Karnataka now runs from southeast Madhya Pradesh to south interior Karnataka across Vidarbha, Marathwada and north interior Karnataka extends upto 1.5 km above mean sea level.		
Yesterday's cyclonic circulation over south Tamil Nadu & neighbourhood at 0.9 km above mean sea level persists.		
Weather forecast	Next five days	• Day 1 (01.05.2024) to Day 4 (04.05.2024): Light to moderate rain with thunderstorm and lightning is likely to occur at one or two places over Western Ghats and south Tamilnadu.

		<ul style="list-style-type: none">• Dry weather is very likely to prevail over rest Tamilnadu, Puducherry and Karaikal area.• Day 5 (05.05.2024): Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.
Temperature Forecast		It is likely to be 39-43°C at a few pockets over the plains of the North Interior districts, 38-40°C over the plains of the rest Tamilnadu and 36-39°C over coastal Tamilnadu, Puducherry and Karaikal area during the next five days. (01.05.2024 to 05.05.2024).

**Professor and Head
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