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Thoothukudi District level AAB No. . 036/2024 Day & Date: Friday & 03.05.2024

Observed weather for the period 26 th April to 02 nd May 2024							Weather Parameters / Date	Weather forecast (Valid from 03 rd May 2024 to 8:30 hrs of 07 th May 2024)				
26/04	27/04	28/04	29/04	30/04	01/05	02/05		Day 1 03/05	Day 2 04/05	Day 3 05/05	Day 4 06/05	Day 5 07/05
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
34	NA	NA	NA	35	NA	NA	Max. Temp. (°C)	37	38	38	39	39
28	NA	NA	27	29	NA	28	Min. Temp. (°C)	30	31	31	31	31
Partly cloudy	NA	NA	Generally cloudy	Generally cloudy	NA	Generally cloudy	Cloud cover (Octa)	Cloudy	Cloudy	Cloudy	Generally cloudy	Cloudy
78	NA	NA	80	70	NA	73	Relative humidity - Mor. (%)	70	70	60	70	60
69	NA	NA	68	70	NA	65	Relative humidity - Eve. (%)	30	30	30	30	30
1	NA	NA	3	2	NA	3	Wind speed (kmph)	14	14	16	16	14
E	NA	NA	SE	S	NA	S	Wind direction (dd)	S	SW	SW	SW	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 generally cloudy to cloudy.
- Wind speed is expected to be 14-16 km per hour and the wind direction will be from South and Southwest.

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	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.
Livestock	Temperature	1. The farmers should avoid allowing the animals to graze in hot parts of the day. 2. Sheep and goat should be dewormed by using suitable anthelmintic by consulting with Local veterinary doctor. 3. Increasing the frequency of feeding from three to four times per day to dairy cattle will reduce the heat stress. 4. Provision of cool wholesome drinking water to poultry during summer is essential.

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 from south Chhattisgarh to south Tamil Nadu now runs from south Chhattisgarh to Rayalaseema across Telangana at 0.9 km above mean sea level.

Weather forecast	Next five days	<ul style="list-style-type: none">• Day 1 (04.05.2024) to Day 5 (08.05.2024): Light to moderate rain with thunderstorm, lightning and gusty winds with speed reaching 30-40 kmph is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.• Day 5 (08.05.2024) : Heavy rain is likely to occur at one or two places over Nilgiris, Krishnagiri, Dharmapuri, Erode, Tirupattur and Vellore districts of Tamilnadu.
Temperature Forecast		It is likely to be 41-44°C at a few pockets over the plains of the North Interior districts, 39-40°C over the plains of the rest Tamilnadu and 36-39°C over coastal Tamilnadu, Puducherry and Karaikal area during the next five days. (04.05.2024 to 08.05.2024).

**Professor and Head
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