



## Gramin Krishi Mausam Sewa (GKMS)

### Agromet Field Unit (AMFU)

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#### Thoothukudi District level AAB No. 049/2023-24 Day & Date: Tuesday & 20.06.2023

Observed weather during last week (Dated 13 <sup>th</sup> to 19 <sup>th</sup> June 2023)							Weather Parameters	Weather forecast (Valid from 21 <sup>st</sup> to 08:30 hrs of 25 <sup>th</sup> June 2023)				
13/06	14/06	15/06	16/06	17/06	18/06	19/06	Date	Day 1 21/06	Day 2 22/06	Day 3 23/06	Day 4 24/06	Day 5 25/06
2.0	0.0	0.0	0.0	0.0	0.0	0.2	Rainfall (mm)	10	2	2	0	0
37	38	40	37	NA	NA	NA	Max. Temp. (°C)	35	34	35	36	36
28	30	29	30	NA	NA	29	Min. Temp. (°C)	28	28	29	29	29
cloudy Sky	cloudy Sky	cloudy Sky	Partly cloudy	Partly cloudy	Partly cloudy	Generally cloudy	Cloud cover (Octa)	Mainly cloudy	Mainly cloudy	Mainly cloudy	Mainly cloudy	Mainly cloudy
64	66	68	70	NA	NA	83	Relative humidity - Mor. (%)	70	70	70	70	70
63	49	73	76	NA	NA	79	Relative humidity - Eve. (%)	60	60	60	50	50
6	10	2	7	NA	NA	1	Wind speed (kmph)	20	18	18	20	23
WNW	W	SSE	SSW	NA	NA	S	Wind direction (dd)	WSW	WSW	WSW	WSW	WSW
Rainfall (mm) in last week				Rainfall (mm) from 01/01/2023 to till dated								
2.2				234.2								

- As per forecast received, expected gradual decrease in maximum temperature by 1°C in next five days..
- Very light to light rainfall is predicted for next three days.
- Sky condition will be Mainly cloudy sky
- Wind speed is expected to be 18-23 km per hour and the wind direction will be from West-Southwest direction.

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	As southwest monsoon gets advance, chance for rainfall in coming week. Farmers are requested to postpone the irrigation. However, if the location fails to receive irrigate based on the crop need.
Rainfall	Ploughing	In order to store the unexpected rainfall for moisture conservation, farmers are requested to go ploughing.
	Harvest	Harvested products to be stored in air tighten room to preserve from fungus infection.
Paddy	Vegetative	<input type="checkbox"/> Rainfall is predicted for next five days farmers are advised to avoid for nutrient spray. <input type="checkbox"/> Maintain appropriate water level to avoid crop lodging
Cotton	Harvest	As rainfall is predicted, Farmers are requested to harvest immediately and stored in the air tight room to avoid fungal affect.
Banana	Vegetative to bunch formation stage	<input type="checkbox"/> To avoid lodging, propping and Earthing-up operation may be practiced
Coconut	Young seedlings	Wind and rainfall may damage the crop; hence farmers are requested to provide staking so that winds may not uproot the young seedlings. Also, earthing up and raising of green manure can hold the rain water for crop stand.
Livestock	Disease Forecast of April month	Theileriosis and Haemorrhagic septicaemia are predicted with very low risk. Preventive measures: Yearly vaccination and Separation of infected one from healthy animals. Sheep & Goat pox - high risk Preventive Measures: De-worm the animals regularly. Examine the faeces of adult animals to detect eggs of internal parasites and treat the animals with suitable drugs.
Fisherman warning	Day 1(20.06.2023) to Day 5(24.06.2023)	Squally wind with speed reaching 45-55 Kmph gusting to 65 Kmph is likely to prevail over Gulf of Mannar, South Tamilnadu coast and adjoining Comorin area. Fishermen are advised not to venture into the above sea area during the mentioned period

SMS: Rain: 21-23.06-10,2&2 mm. Post pone the Irrigation. Ploughing may be practiced. Banana-propping and Earthing-up. Cotton- earthing up. Coconut- provide staking to young seedlings

**Tamil Nadu**

The cyclonic circulation over Southwest & adjoining Westcentral Bay of Bengal off Tamilnadu coast now lies over Southwest & adjoining Westcentral Bay of Bengal off Andhra Pradesh coast between 0.9 km & 5.8 km above mean sea level tilting southwestwards with height.

Yesterday's trough now runs from the above cyclonic circulation to Lakshadweep area & adjoining Southeast Arabian Sea across Tamil Nadu and Kerala at 3.1 km above mean sea level.

Next five days	Weather warning	
		<ul style="list-style-type: none"><li data-bbox="376 309 1458 389">☐ Light to moderate rain at a few places over North Tamilnadu, Puducherry, Karaikal area, at isolated places over South Tamil Nadu with Thunderstorm, lightning at one or two places is likely to occur.</li><li data-bbox="376 394 1458 452">☐ Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore, Erode, Salem, Dharmapuri, Krishnagiri, Tirupattur, Vellore, Ranipet and Tiruvannamalai on Day1(21.06.23)</li><li data-bbox="376 456 1458 537">☐ Light to moderate rain at a few places over North Tamilnadu, Puducherry, Karaikal area, at isolated places over South Tamil Nadu with Thunderstorm, lightning at one or two places is likely to occur on Day 2(22.06.23)</li><li data-bbox="376 542 1458 600">☐ Light to moderate rain with thunderstorm &amp; lightning is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area on Day 3(23.06.23)</li><li data-bbox="376 604 1458 656">☐ Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area on Day 4(24.06.23) &amp; Day 5 (25.06.23)</li></ul>

**Professor and Head  
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