



Gramin Krishi Mausam Sewa (GKMS)
Agromet Field Unit (AMFU)
 Agricultural Research Station, TNAU, Kovilpatti - 628 501
 Email: agmet_arskpt@yahoo.co.in, amfukovilpatti@gmail.com



Thoothukudi District level AAB No.051/2024 Day & Date: Tuesday & 25.06.2024

Observed weather for the period 18 th June to 24 th June 2024							Weather Parameters / Date	Weather forecast (Valid from 26 th June 2024 to 8:30 hrs of 30 th June 2024)				
18/06	19/06	20/06	21/06	22/06	23/06	24/06		Day 1 26/06	Day 2 27/06	Day 3 28/06	Day 4 29/06	Day 5 30/06
0.0	0.3	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
NA	34	35	37	36	NA	NA	Max. Temp. (°C)	37	38	38	39	39
27	27	27	28	NA	NA	27	Min. Temp. (°C)	27	27	28	28	28
Generally Cloudy	Generally Cloudy	Generally Cloudy	NA	NA	NA	Generally Cloudy	Cloud cover (Octa)	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
78	80	80	86	NA	NA	80	Relative humidity - Mor. (%)	60	60	60	70	70
66	72	67	88	NA	NA	70	Relative humidity - Eve. (%)	50	40	40	40	40
1	3	3	4	NA	NA	14	Wind speed (kmph)	24	22	20	20	20
W	W	W	S	NA	NA	WNW	Wind direction (dd)	W	W	W	WSW	WSW

Rainfall (mm) in last week	Rainfall (mm) from 01/01/2023 to till dated
0.3	101.7

Weather forecast

- The maximum temperature may increase by up to 2°C compared to the previous week.
- Very light rainfall is predicted on day 3 (24.06.2024).
- Sky condition will be partly cloudy sky.
- Wind speed is expected to be 20-24 km per hour and the wind direction will be from West and West-Southwest direction.

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	No rainfall is predicted for next five days. Farmers are requested irrigate the crop.
Paddy	Vegetative to Milking stage	<ul style="list-style-type: none"> • Maintain the water level. Apply the fertilizer. • Present weather (wind) induced Bacterial Blight incidence. To control spray 3% neem oil or 5% neem extract. Use optimum dose of fertilizers. Avoid flooded conditions. • Present weather induced Whorl maggot. To control Cartap Hydrochloride 4% G 7.5-10 kg/ac (or) Chlorpyrifos 20% EC 500 ml/ac.
Banana	All the stage	Farmers are advised to practice propping and earthing up to avoid damaged due to wind speed.
Coconut	Physiological Maturity	Rhinoceros beetle pest population is noticed coinciding with the onset of monsoon. To control set up Rhino lure pheromone trap @ 5 traps/ha to trap and kill the beetles. Also, Soak castor cake at 1 kg in 5 liter of water in small mud pots and keep them in the coconut gardens to attract and kill the adults.
Drumstick		Prevailing weather conditions is conducive to Leaf caterpillar infestation. To control, plough around trees to expose and kill pupae. Collect and destroy damaged buds along with caterpillar. Set up light trap @ 1/ha. Spray insecticides like carbaryl 50 WP@ 1gm/lit or malathion 50 EC 2 ml/lit of water.
Land preparation		In order to improve the soil quality recycles the residues of harvested crops of maize, sorghum and pulses. Use rotovator or rotoslasher for cutting the residues into small pieces and incorporate them into the soil.

SMS: Rain: Nil. Paddy- Bacterial Blight- spray 3% neem oil. Whorl maggot-spray Cartap Hydrochloride 4% G 7.5-10 kg/ac. Coconut- Rhinoceros beetle- Rhino lure pheromone trap @ 5 traps/ha.

Tamil Nadu

Moderate Westerlies/Southwesterlies prevail over the region in the lower tropospheric levels.

Weather forecast	Next five days	
		<ul style="list-style-type: none"> • Light to moderate rain at a few places with thunderstorm and lightning at one or two places is likely to occur over Tamilnadu on Day 1 (26.06.24). • Heavy rain is likely to occur at isolated places over Kanyakumari district; Ghat areas of Tiruppur, Dindigul, Theni, Tenkasi and Tirunelveli districts on Day 1 (26.06.24). • Light to moderate rain at a few places with thunderstorm and lightning at one or two places is likely to occur over Tamilnadu on Day 2 (27.06.24). • Heavy rain is likely to occur at isolated places over Kanyakumari district; Ghat areas of

		<p>Tiruppur, Dindigul, Theni, Tenkasi and Tirunelveli districts on Day 2 (27.06.24).</p>
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- Light to moderate rain at a few places with thunderstorm and lightning at one or two places is likely to occur over Tamilnadu on Day 3 (28.06.24).
- Light to moderate rain is likely to occur at one or two places over Tamilnadu on Day 4 (29.06.24) & Day 5 (30.06.24).

**Professor and Head
Agricultural Research Station
Kovilpatti**