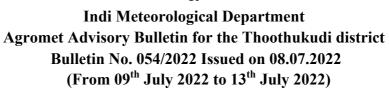


# Tamil Nadu Agricultural University





Issued jointly by AMFU Unit, Agricultural Research Station, Kovilpatti, TNAU & IMD

Weather Summary for the period since the issue of last bulletin 53 (05.07.2022) for Tamil Nadu. Maximum temperature ranged on 28-38°C and minimum temperature ranged on 22-29°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged on 15-20°C and minimum temperature ranged on 10-11°C. During this period isolate distribution with very light to moderate intensity of rainfall was recorded in Tamil Nadu

### Weather Summary for Thoothukudi district

Past week weather Summary (01.07.2022 to 04.07.2022)			Weather Parameters	Ensemble weather forecast valid until 08:30 hrs of 10.07.2022				
Day 1 05/07	Day 2 06/07	Day 3 07/07	weather rarameters	Day 1 09/07	Day 2 10/07	Day 3 11/07	Day 4 12/07	Day 5 13/07
2.6	0.0	0.6	Rainfall (mm)	3	5	5	3	3
35	35	35	Max. Temp. (°C)	34	34	34	34	34
24	24	24	Min. Temp. (°C)	24	24	24	24	24
5	5	3	Cloud cover (Octa)	6	6	6	6	6
64	64	67	Relative humidity - Mor. (%)	65	65	65	65	65
44	42	44	Relative humidity - Eve. (%)	50	50	50	50	50
6	6	6	Wind speed (kmph)	16	16	16	16	16
320	340	360	Wind direction (dd)	290	270	270	270	270

#### Weather forecast for next five days: 09.07.2022 to 13.07.2022

According to district forecast issued by the India Meteorological Department for Thoothukudi district, sky condition will be generally cloudy sky. Light rainfall is predicted for next five days. The Maximum temperature is expected to be around 34-35°C and Minimum temperature is expected to be around 27°C. Morning relative humidity is expected to be around 70 per cent and evening relative humidity is expected to be around 60 per cent. 24-hour wind speed is expected to be around 18 km per hour and the wind direction will be from West South West direction.

## **Agromet Advisory**

Crop/	Stage /	Advisories		
Ecosystem	Activities			
Irrigated	Water	Light rainfall is predicted for next three days. Farmers are advised to irrigate		
crops management		the crop based on the local weather and crop stage.		
Irrigated	Temperature	Farmers are advised for regular monitoring of incidence and preparatory		
crops	decrease	measures to control.		
Dry land		Farmers are requested to practice the ploughing based on the suitable soil		
		moisture prevailing for ploughing.		
Rice Tillering Present weather is cor		Present weather is conducive for Bacterial Leaf Blight. Farmers are advised		
	stage	to spray Copper hydroxide 500g/acre.		
Banana All stages		Wind speed may damage crop, so farmers are advised to provide stake for		
		banana plant to prevent the crop lodging.		
Moringa	All the	As wind speed is high, agronomic practices such as Pinching and earthing		
	stages	up may be followed. <b>Pinching</b> the terminal bud on the central leader stem		
		is necessary when it attains a height of 75cm (two months after sowing).		
		Earthing up of the soil at the base of the tree is useful to give it the		
		strength. It has also been reported that spraying of Gibberellic acid @ 20		
		ppm on 90 <sup>th</sup> day of sowing increased all the pod characters,		

SMS: Rain: 9-113,5&3mm. Irrigate the crop. Rice- Bacterial Leaf Blight. - spray Copper hydroxide 500g/acre

		m 937 1				
Tamil Nadu						
Yesterday's cyclonic circulation over northwest & adjoining west-central Bay of Bengal off south						
	Odisha-north Andhra Pradesh Coasts extending upto 7.6 km above mean sea level tilting					
	~ 1	. Yesterday's offshore trough at mean sea level from south				
	to north Kerala co	ast now runs from Gujarat coast to Karnataka Coast.				
Next five days	Weather	☐ Light to moderate rain with isolated thunderstorm and				
	warning	lightning is likely to occur at a few places over				
		Tamilnadu, Puducherry and Karaikal area on Day 1				
		(09.07.2022).				
		☐ Heavy rain is likely to occur at one or two places over				
		Nilgiris, Coimbatore, Tiruppur, Theni and Dindigul				
		districts on Day 1 (09.07.2022).				
		☐ Light to moderate rain with thunderstorm and lightning				
		is likely to occur at one or two places over Tamilnadu,				
		Puducherry and Karaikal area on Day 2 (10.07.2022).				
		☐ Light to moderate rain with is likely to occur at one or				
		two places over Tamilnadu, Puducherry and Karaikal				
		area from Day 3 (11.07.2022) to Day 5 (13.07.2022).				
	Heavy Rainfall	Day 1(08.07.2022): Heavy rain is likely to occur at one or				
		two places over Nilgiris, Coimbatore, Tiruppur, Theni and				
Dindigul districts.		Dindigul districts.				
	Thunderstorm	Day 1(09.07.2022) & Day 2(10.07.2022): Thunderstorm				

	Warning	with lightning is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area.
Extended range of		Week (15 <sup>th</sup> -21 <sup>st</sup> Jul 2022):
weather forecast		There is possibility of below normal rainfall over
		Tamilnadu, Puducherry & Karaikal during the week.
		Maximum temperatures are likely to be generally near
		normal over Tamilnadu, Puducherry & Karaikal and are
		likely to be in the range 30°C to 34°C in the north coastal
		and adjoining districts, 28°C to 32°C southern districts and
		26°C to 30°C in the plains of the rest of north interior
		districts of Tamilnadu during week
		Minimum temperatures are likely to be generally near
		normal over Tamil Nadu, Puducherry and Karaikal and are
		likely to be in the range 24°C to 28°C in the coastal and
		adjoining interior districts of Tamil Nadu, Puducherry and
		Karaikal and 20°C to 24°C in the plains of the rest of the
		districts of Tamil Nadu during the week

Professor and Head Agricultural Research Station Kovilpatti