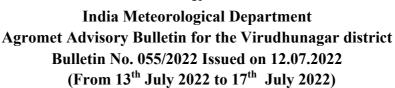


Tamil Nadu Agricultural University





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

Weather Summary for the period since the issue of last bulletin 54 (08.07.2022) for Tamil Nadu. Maximum temperature ranged on 27-38°C and minimum temperature ranged on 21-28°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged on 14-20°C and minimum temperature ranged on 9-11°C. During this period wide spread distribution with very light to moderate intensity of rainfall was recorded in Tamil Nadu

Weather Summary for Virudhunagar district

Past week weather Summary (08.07.2022 to 11.07.2022)				Weather	Ensemble weather forecast valid until 08:30 hrs of 17.07.2022				
Day 1 08/07	Day 2 09/07	Day 3 10/07	Day 4 11/07	Parameters	Day 1 13/07	Day 2 14/07	Day 3 15/07	Day 4 16/07	Day 5 17/07
0.2	0.0	0.0	0.0	Rainfall (mm)	2	4	4	2	3
33	38	36	37	Max. Temp. (°C)	35	35	35	35	34
25	28	26	27	Min. Temp. (°C)	26	26	26	26	26
5	7	7	8	Cloud cover (Octa)	5	4	4	4	6
52	68	58	64	Relative humidity - Mor. (%)	65	65	65	65	65
42	47	51	47	Relative humidity - Eve. (%)	50	50	50	50	50
13	11	13	13	Wind speed (kmph)	14	14	14	14	14
270/W	270/W	270/W	270/W	Wind direction (dd)	250/W	250/W	250/W	250/W	250/W

Weather forecast for next five days: 13.07.2022 to 17.07.2022

According to district forecast issued by the India Meteorological Department for Virudhunagar district, sky condition will be generally cloudy sky. Very light to 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 26°C. Morning relative humidity is expected to be around 65 per cent and evening relative humidity is expected to be around 50 per cent. 24-hour wind speed is expected to be around 14 km per hour and the wind direction will be from Wes direction.

Agromet Advisory

Crop/	Stage /	Advisories
Ecosystem	Activities	
Irrigated	Water	Light rainfall is predicted for next five days. Farmers are requested
crops	management	to post pone the irrigation. Farmers are advised to irrigate the crop
		after considering the block level forecast.
Dry land		Farmers are requested to practice ploughing based on the receipt of rainfall.
Coconut	Temperature	Present weather is conductive for button shedding. Root feeding of
		the tonic @ 200 ml / palm twice a year at six months interval.
		Increases number and size of nuts.
Banana		Sigatoka Leaf Spot: Symptoms: 1. Spindle Shaped Brown necrotic
		spots with yellow halo seen on leaves. In advance stage, drying of
		entire leaves happen. 2. Immature Ripening happens due to this
		disease. 3. This disease is very prominent on Robusta Variety.
		Management: Spraying of Chlorothalonil 0.2% with sticking agent
A : 1	C 4	@1ml/lit.
Animal	Goat	PPR - Peste - des - petits Ruminants.
husbandry		i. Highly contagious viral disease of goats causes high mortality.
		ii. Affected animals will have high fever, loss of appetite, foul
		smelling diarrhoea and discharge from eyes & Nose. Prevention &
		control measures: i .Regular vaccination can prevent the occurrence
		of the disease. ii. Vaccination should be done to the kids above 3
		months and should be repeated every year during July, August and
		september.iii. Affected animals should be treated separately. iv.
		Wash the oral llesions with 1% KMNO4 solution v. Give soft feeds
		like Rice or Ragi gruel to the affected animals. vi. Strict bio- security
		measure should be followed

SMS: Rain: 13-17.07-2,4,4,2&3 mm. Coconut- button shedding. Root feeding of the tonic @ 200 ml / palm twice a year at six months interval.

Tamil Nadu						
Yesterday's offshore trough at mean sea level from Gujarat coast to north Karnataka coasts now						
runs from Gujarat coast to Maharashtra coast. Yesterday's east - west shear zone roughly along						
20°N persists and seen between 3.1 km & 7.6 km above mean sea level tilting southwards with						
height across North Peninsular India. Yesterday's Low-Pressure Area over Coastal Odisha &						
neighborhood now seen as Well Marked Low Pressure Area over south Coastal Odisha &						
neighbourhood and the associated cyclonic circulation extends upto 7.6 km above mean sea						
level tilting southwestwards with height.						
Next five days	Weather	Light to moderate rain with thunderstorm and lightning				
	warning	is likely to occur at one or two places over North				
		Tamilnadu, Kanyakumari, Tirunelveli, Thenkasi, Theni				
		and Dindigul districts, Puducherry and Karaikal area on				
		Day 1 (13.07.2022).				

	Heavy rain is also likely to occur at one or two places		
	over Nilgiris and Coimbatore districts on Day 1		
	(13.07.2022).		
	Light to moderate rain with thunderstorm and lightning		
	is likely to occur at one or two places over North		
	Tamilnadu, Kanyakumari, Tirunelveli, Thenkasi, Theni		
	and Dindigul districts, Puducherry and Karaikal area on		
	Day 2 (14.07.2022).		
	Light to moderate rain is likely to occur at one or two		
	places over Kanyakumari, Tirunelveli, Western Ghats		
	and adjoining districts of Tamilnadu on Day 3		
	(15.07.2022)and Day 4 (16.07.2022).		
	Light to moderate rain is likely to occur at one or two		
	places over Tamilnadu, Puducherry and Karaikal area		
	on Day 5 (17.07.2022).		
Heavy Rainfall	Day 1 (12.07.2022): Heavy rain is likely to occur at one		
Warning	or two places over Nilgiris and Coimbatore districts.		
Thunderstorm	Day 1(13.07.2022) & Day 2(14.07.2022):Thunderstorm		
Warning	with lightning is likely to occur at one or two places		
	over Tamilnadu, Puducherry and Karaikal area.		

Professor and Head Agricultural Research Station Kovilpatti