



Tamil Nadu Agricultural University
&
Indi Meteorological Department
Agromet Advisory Bulletin for the Tirunelveli district
Bulletin No. 069/2022 Issued on 30.08.2022
(From 31st August 2022 to 04th September 2022)



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

Weather Summary for the period since the issue of last bulletin 68 (26.08.2022) for Tamil Nadu. Maximum temperature ranged on 29-36°C and minimum temperature ranged on 20-26°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged on 17-20°C and minimum temperature ranged on 10-12°C. During this period wide spread distribution with very light to moderate intensity of rainfall was recorded in Tamil Nadu.

Weather Summary for Tirunelveli district

Past week weather Summary (25.08.2022 to 29.08.2022)					Weather Parameters	Ensemble weather forecast valid until 08:30 hrs of 04.09.2022				
Day 1 25/08	Day 2 26/08	Day 3 27/08	Day 4 28/08	Day 5 29/08		Day 1 31/08	Day 2 01/09	Day 3 02/09	Day 4 03/09	Day 5 04/09
0.3	0.0	2.9	0.0	0.4	Rainfall (mm)	30	10	18	10	12
35	35	34	35	34	Max. Temp. (°C)	35	33	33	34	34
24	24	24	24	24	Min. Temp. (°C)	23	24	24	25	25
6	3	5	3	3	Cloud cover (Octa)	7	7	7	6	6
77	70	77	75	75	Relative humidity - Mor. (%)	80	70	70	70	70
50	45	44	43	44	Relative humidity - Eve. (%)	70	60	60	60	55
0	0	2	2	0	Wind speed (kmph)	10	10	10	10	10
0/N	0/N	360/N	360/N	0/N	Wind direction (dd)	270/W	270/W	270/W	270/W	270/W

Weather forecast for next five days: 31.08.2022 to 04.09.2022

According to district forecast issued by the India Meteorological Department for Tirunelveli district, sky condition will be generally cloudy sky. Light to moderate rainfall is predicted for next five days. The Maximum temperature is expected to be around 33-35°C and Minimum temperature is expected to be around 23-25°C. Morning relative humidity is expected to be around 70-80 per cent and evening relative humidity is expected to be around 55-70 per cent. 24-hour wind speed is expected to be around 10 km per hour and the wind direction will be from West direction.

Agro Advisory

Crop/ Ecosystem	Stage / Activities	Advisories
Irrigated crops	Water management	Light to moderate rainfall is predicted for next five days. Farmers are advised to postpone the irrigation. Farmers are advised to irrigate based on the local weather prevail.
Horticultural crops	Spraying	Moderate relative humidity with wind speed is conducive for disease spread. So, farmers are advised to take the prophylactic measures to control the disease spread.
Green manure		Farmers are advice to sow green manure crop in the Late Pishanam rice field as insitu moisture conservation using the South West Monsoon rainfall.
Banana	All stages	Humid weather is conducive for spread of Sigatoka leaf spot. Farmers are advised to go with foliar sprays of 0.1 per cent Propiconazole, 0.2 per cent Carbendazim and 0.25 per cent Mancozeb with 15-day intervals between each spray as a prophylactic measure.
Animal Husbandry	Most of the mammals and ruminants are highly susceptible.	During the month of September, chance for very high risk of Anthrax diseases. Clinical Signs for the disease is Convulsion and sudden death with oozing of blood from natural orifices such as rectum and nose prior to death. Occasionally oedema develops in the throat and shoulder over a period of one week before death. Preventive Measures : Ring vaccination and reporting of the disease is advised. Vaccination to be done in consultation with the veterinarians and as decided by state animal husbandry authorities. Strict biosecurity measures may be followed. Carcass may be disposed by deep burying covered with lime powder. Contaminated area may be disinfected with 4% formalin or 10% caustic soda. Grazing area may be restricted.

SMS: Rain: 31.08-04.09-30,10,18,10&12mm. Farmers are request to sow green manure crop in the Late Pishanam rice field for insitu moisture conservation.

Tamil Nadu		
Yesterday's cyclonic circulation over south Coastal Andhra Pradesh & neighbourhood now lies over interior Tamilnadu & neighbourhood and extends upto 4.5 km above mean sea level tilting southwards with height. A trough in easterlies runs from the above cyclonic circulation over interior Tamilnadu & neighbourhood to west Vidarbha across Telangana, Rayalaseema and extends upto 1.5 km above mean sea level.		
Next five days	Weather warning	<ul style="list-style-type: none"> <input type="checkbox"/> Light to moderate rain at many places with isolated Thunderstorm & lightning is likely to occur over Tamilnadu, Puducherry & Karaikal from Day 1(31.08.2022) to Day 5 (04.09.2022). <input type="checkbox"/> Heavy to very heavy rain is likely to occur at isolated places over Nilgiris, Kanyakumari and Tirunelveli districts. Heavy rain is likely to occur at isolated places over Coimbatore, Tiruppur Erode, Salem, Namakkal, Theni, Dindigul, Thenkasi, Virudhunagar and Madurai districts of Tamilnadu on Day 1 (31.08.2022). <input type="checkbox"/> Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore, Tiruppur, Erode, Dharmapuri, Krishnagiri, Salem, Tirupattur, Namakkal, Kallakurichi, Dindigul, Madurai, Theni,

		<p>Thenkasi, Kanyakumari and Tirunelveli districts of Tamilnadu on Day 2 (01.09.2022).</p> <ul style="list-style-type: none">□ Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore, Tiruppur, Erode, Dharmapuri, Krishnagiri, Salem, Tirupattur, Namakkal, Kallakurichi, Tiruchirapalli, Perambalur, Karur, Dindigul, Madurai, Theni, Thenkasi, Kanyakumari and Tirunelveli districts of Tamilnadu on Day 3 (02.09.2022).□ Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore, Tiruppur, Erode, Salem, Namakkal, Krishnagiri, Dharmapuri, Tirupattur and Dindigul districts of Tamilnadu on Day 4 (03.09.2022).□ Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore, Erode, Salem, Dharmapuri, Krishnagiri and Tirupattur districts of Tamilnadu on Day 5 (04.09.2022).
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