



Tamil Nadu Agricultural University
&
India Meteorological Department
Agromet Advisory Bulletin for the Virudhunagar district
Bulletin No. 067/2022 Issued on 23.08.2022
(From 24th August 2022 to 28th August 2022)
Issued jointly by AMFU Unit, Agricultural Research Station, Kovilpatti,
TNAU & IMD



Weather Summary for the period since the issue of last bulletin 66 (19.08.2022) for Tamil Nadu. Maximum temperature ranged on 30-38°C and minimum temperature ranged on 21-29°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged on 20-22°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 Virudhunagar district

Past week weather Summary (18.08.2022 to 22.08.2022)					Weather Parameters	Ensemble weather forecast valid until 08:30 hrs of 28.08.2022				
Day 1 18/08	Day 2 19/08	Day 3 20/08	Day 4 21/08	Day 5 22/08		Day 1 24/08	Day 2 25/08	Day 3 26/08	Day 4 27/08	Day 5 28/08
2.2	15.5	2.9	1.0	0.0	Rainfall (mm)	4	8	8	8	10
37	38	36	34	37	Max. Temp. (°C)	37	36	36	36	36
25	24	25	24	25	Min. Temp. (°C)	25	24	24	24	24
7	6	6	4	5	Cloud cover (Octa)	8	8	8	8	7
63	74	70	71	64	Relative humidity - Mor. (%)	70	70	70	70	70
87	50	45	47	52	Relative humidity - Eve. (%)	50	50	50	50	50
10	2	11	5	17	Wind speed (kmph)	8	8	6	6	6
290/ WNW	200/SW	270/W	150/S	270/W	Wind direction (dd)	270/W	280/W	280/W	280/W	280/W

Weather forecast for next five days: 24.08.2022 to 28.08.2022

According to district forecast issued by the India Meteorological Department for Virudhunagar district, sky condition will be cloudy sky. Light rainfall is predicted for next five days. The Maximum temperature is expected to be around 36-37°C and Minimum temperature is expected to be around 24-25°C. Morning relative humidity is expected to be around 70 per cent and evening relative humidity is expected to be around 50 per cent. 24-hour wind speed is expected to be around 6-8 km per hour and the wind direction will be from West direction.

Agromet Advisory

Crop/ Ecosystem	Stage / Activities	Advisories
Irrigated crops	Water management	Light to moderate rainfall during past week and light rainfall is predicted for next five days. Hence, Farmers are requested to postpone the irrigation to avoid plant root suffocation.
	Inter cultural practices	To avoid plant root suffocation due to continuous rainfall, provide drainage channel.
	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.
Vegetables crops	Vegetative stage	Excessive soil moisture and overhead misting, lower soil temperatures before emergence favours Damping off : Crops- Brinjal, Tomato, Symptoms: Toppling off seedlings. Rotting of collar region. Management: Drenching with metaloxyl (0.1%). Raised bed nursery for maintaining the nursery.
Banana	All the stages	Sigatoka leaf spot spreads fast in a humid weather. 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.
Groundnut	Reproductive to Peg formation stage	Intermittent rainfall favours for Tikka early leaf spot disease occurs during 3-4 Weeks after sowing and its early spread through wind. Foliar spray with Chlorothalonil at 0.2% (2 grams per liters) or 1kg per acre can be recommended to control the disease at early stage.
Animal husbandry	poultry	Ranikhet Disease: viral disease of poultry affecting all ages of domestic fowl characterized by the rapid onset, respiratory signs, nervous signs and high mortality. The virus spread mainly through aerosol route and by Ingestion of contaminated feed and water. Prevention: Periodical vaccination should be followed. Poultry farmers can vaccinate their birds at nearby veterinary Dispensary where vaccination programme for Ranikhet disease in being carried out on every Saturday.

SMS: Rain:24-28.08- 4,8,8,8&10 mm. To avoid plant root suffocation provide drainage channel. Vegetables crops - **Damping off**- Drenching with metaloxyl (0.1%).

Tamil Nadu		
Southwest monsoon has been active over Tamil Nadu. Moderate westerlies prevail over the region in the lower tropospheric levels.		
Next five days	Weather warning	☐ Light to moderate rain at many places with isolated Thunderstorm & lightning is likely to occur over Tamil Nadu Puducherry and Karaikal area on Day 1 (24.08.2022).

		<ul style="list-style-type: none"> □ Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore, Theni, Dindigul, Tiruppur, Chengalpattu, Kancheepuram, Villupuram, Cuddalore, Pudukottai, Perambalur, Ariyalur, Tiruchirapalli and delta districts of Tamil Nadu, Puducherry and Karaikal on Day 1 (24.08.2022). □ Light to moderate rain at many places with isolated Thunderstorm & lightning is likely to occur over Tamil Nadu, Puducherry and Karaikal area on Day 2 (25.08.2022). □ Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore, Theni, Dindigul, Tiruppur, Thenkasi, Chengalpattu, Kancheepuram, Villupuram, Cuddalore, Pudukottai, Erode and delta districts of Tamil Nadu, Puducherry and Karaikal on Day 2 (25.08.2022). □ Light to moderate rain at many places with isolated Thunderstorm & lightning is likely to occur over Tamil Nadu, Puducherry and Karaikal area on Day 3 (26.08.2022). □ Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore, Theni, Dindigul, Tiruppur, Erode, Krishnagiri, Dharmapuri, Salem, Tirupattur, Vellore, Ranipet, Tiruvannamalai, Kallakurichi, Villupuram, Chengalpattu and Kancheepuram districts of Tamil Nadu and Puducherry on Day 3 (26.08.2022). □ Light to moderate rain at many places with isolated Thunderstorm & lightning is likely to occur over Tamil Nadu, Puducherry and Karaikal area on Day 4 (27.08.2022). □ Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore, Theni, Dindigul, Tiruppur, Erode, Krishnagiri, Dharmapuri, Salem, Namakkal, Karur, Kallakurichi, Cuddalore, Perambalur, Ariyalur, Tiruchirapalli, Pudukottai and delta districts of Tamil Nadu, Puducherry and Karaikal on Day 4 (27.08.2022). □ Light to moderate rain at a few places with isolated Thunderstorm & lightning is likely to occur over Tamilnadu, Puducherry and Karaikal area Day 5 (28.08.2022).
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