



Tamil Nadu Agricultural University
&
India Meteorological Department
Agromet Advisory Bulletin for the Virudhunagar 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 Virudhunagar district

Past week weather Summary (25.08.2022 to 29.08.2022)					Weather Parameters	E 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
0.8	1.8	19.2	4.6	6.3	Rainfall (mm)	12	8	6	8	10
33	36	35	33	35	Max. Temp. (°C)	34	34	34	34	34
25	24	22	24	24	Min. Temp. (°C)	25	25	25	25	25
6	6	6	6	6	Cloud cover (Octa)	6	6	6	6	6
62	81	86	77	81	Relative humidity - Mor. (%)	70	70	70	70	70
70	90	73	51	63	Relative humidity - Eve. (%)	60	60	60	60	60
8	12	9	4	10	Wind speed (kmph)	8	8	12	12	14
270/W	160/S	270/W	200/S	250/W	Wind direction (dd)	120/SE	250/W	250/W	250/W	250/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 Virudhunagar 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°C and Minimum temperature is expected to be around 25°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 8-14 km per hour and the wind direction will be from Southeast and West direction.

Agromet Advisory

Crop/ Ecosystem	Stage / Activities	Advisories
Irrigated crops	Water management	Very Light to moderate rainfall during past week and light rainfall is predict 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. Rottening of collar region. Management: Drenching with metaloxyl (0.1%). Raised bed nursery for maintaining the nursery.
Onion	Vegetative stage	Purple Blotch Symptoms: Minute dots seen on leaves with irregular chlorotic areas. Circular to oblong concentric black velvety rings appear in chlorotic area. Leaves die from the tip downwards, break at the point of infection and hang down. Bulbs became watery rot, shrinkage of the fleshy bulb scales and desiccation followed on the bulbs. Management: Spray Mancozeb (0.2%) followed by Propiconazole (0.1%) at 15 days interval.
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.
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 Rainkhet disease in being carried out on every Saturday.
	Goat	Livestock Management practices for rainy season: 1. Animals should be treated for ectoparasites before and throughout the rainy season. 2. Worm burden is more common in rainy season. Therefore, deworming should be done before the onset of rainy season. 3. Animal's shed should be free from water logging conditions as it may cause bacterial infections especially mastitis. Daily disinfection of floor should be done. 4. Green fodders should be fed to the animals after proper

		drying which will prevent enteritis.5. Animals should be allowed for grazing only during sunny hours. 6. Concentrate feed should be stored in a clean, damp free room to prevent mould attack.
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SMS: Rain: 31.08-04.09-12,8,6,8&10 mm. Postpone the Irrigation. To avoid plant root suffocation provide drainage channel. Vegetables crops - **Damping off**- Drenching with metaloxyl (0.1%).

Tamil Nadu		
<p>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.</p>		
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, Thenkasi, Kanyakumari and Tirunelveli districts of Tamilnadu on Day 2 (01.09.2022). <input type="checkbox"/> 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). <input type="checkbox"/> 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). <input type="checkbox"/> 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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