



Tamil Nadu Agricultural University
&
Indi Meteorological Department
Agromet Advisory Bulletin for the Tirunelveli district



Bulletin No. 067/2022 Issued on 23.08.2022
(From 24th August 2022 to 28th August 2022)

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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 Tirunelveli 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 |
| 0.0 | 7.9 | 0.6 | 0.0 | 0.0 | Rainfall (mm) | 3 | 6 | 12 | 4 | 4 |
| 37 | 35 | 36 | 35 | 36 | Max. Temp. (°C) | 35 | 34 | 34 | 34 | 34 |
| 25 | 22 | 24 | 24 | 24 | Min. Temp. (°C) | 24 | 23 | 23 | 23 | 23 |
| 3 | 3 | 4 | 3 | 3 | Cloud cover (Octa) | 8 | 8 | 8 | 8 | 7 |
| 63 | 67 | 72 | 69 | 66 | Relative humidity - Mor. (%) | 70 | 70 | 80 | 80 | 80 |
| 45 | 40 | 38 | 42 | 45 | Relative humidity - Eve. (%) | 50 | 50 | 70 | 50 | 50 |
| 2 | 0 | 0 | 0 | 0 | Wind speed (kmph) | 10 | 12 | 8 | 8 | 6 |
| 270/W | 0/N | 0/N | 0/N | 0/N | Wind direction (dd) | 280/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 Tirunelveli district, sky condition will be 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 23-24°C. Morning relative humidity is expected to be around 70-80 per cent and evening relative humidity is expected to be around 50-70 per cent. 24-hour wind speed is expected to be around 6 to 12 km per hour and the wind direction will be from West direction.

Agro Advisory

| Crop/ Ecosystem | Stage / Activities | Advisories |
|---------------------|---|--|
| Irrigated crops | Water management | <input type="checkbox"/> Light rainfall is predicted for next five days. Farmers are advised to postpone the irrigation. <input type="checkbox"/> However, irrigation may be planned based on crop stress. |
| 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 request to make use of the intermittent rainfall for growing green manure crop in the Late Pishanam rice field as insitu moisture conservation. |
| Banana | All 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 | 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: 24-28.08-3,6,12,4&4 mm Farmers are request to sow green manure crop in the Late Pishanam rice field for insitu moisture conservation.

| 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 | <input type="checkbox"/> 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). <input type="checkbox"/> 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). <input type="checkbox"/> 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). |

| | | |
|--|--|---|
| | | <ul style="list-style-type: none"> □ 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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