



Tamil Nadu Agricultural University

&

India Meteorological Department
Agromet Advisory Bulletin for the Erode District

Bulletin No.055/2022 Issued on 12.07.2022

(From 13th July 2022 to 17th July 2022)

Issued jointly by Agro Climate Research Centre, TNAU and IMD



Weather Summary for the period since the issue of last bulletin 054 (08.07.2022) for Tamil Nadu. Maximum temperature ranged from 30°C to 38°C and minimum temperature ranged from 21°C to 28°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 15°C to 20°C and minimum temperature ranged from 14°C to 20°C. During this period isolated rainfall was recorded in Tamil Nadu.

Weather Summary for Erode district

| Past week Summary (07.07.2022 to 11.07.2022) | | | | | | Ensemble weather forecast valid until 08.30 hrs of 17.07.2022 | | | | |
|---|----------------|----------------|----------------|----------------|--------------------|--|----------------|----------------|----------------|----------------|
| Day-1 07/07 | Day-2 08/07 | Day-3 09/07 | Day-4 10/07 | Day-5 11/07 | Date | Day-1 13/07 | Day-2 14/07 | Day-3 15/07 | Day-4 16/07 | Day-5 17/07 |
| 0.0 | 0.6 | 0.1 | 0.5 | 3.7 | Rainfall | 8 | 3 | 4 | 4 | 6 |
| 29 | 27 | 31 | 28 | 31 | Max. Temp. (°C) | 31 | 31 | 32 | 32 | 31 |
| 22 | 22 | 22 | 22 | 22 | Mini. Temp. (°C) | 22 | 23 | 23 | 23 | 22 |
| 7 | 7 | 8 | 8 | 7 | Cloud cover (Octa) | 8 | 6 | 6 | 6 | 7 |
| 90 | 83 | 91 | 93 | 88 | RH morning (%) | 75 | 70 | 70 | 70 | 75 |
| 93 | 76 | 91 | 71 | 72 | RH evening (%) | 65 | 60 | 60 | 60 | 65 |
| 24 | 21 | 20 | 21 | 21 | Wind (kmph) | 12 | 12 | 12 | 10 | 10 |
| 230 | 230 | 230 | 230 | 230 | Wind Direction | 230 | 230 | 230 | 230 | 230 |

Weather forecast for next five days: (13.07.2022 to 17.07.2022)

According to district forecast issued by the India Meteorological Department for Erode district, sky will be mostly cloudy. Light rainfall is expected on next five days. Maximum temperature is expected to be around 31°C to 32°C. Minimum temperature is expected to be around 22°C to 23°C. Morning relative humidity is expected to be around 75 per cent and evening relative humidity is expected to be around 60 per cent. Average wind speed is expected to be around 10 to 12 km per hour and the wind direction will be from South West direction.

Agro Advisory

| Crop | Stage | Advisory |
|-----------|---------------|---|
| General | | Moderate to heavy rainfall is expected along the Western Ghats. The wind speed would be heavy in Erode district 10 - 12 km/hr. Hence, provide adequate support to banana crops. Temperature is slightly increasing and irrigation may be done based on soil moisture. |
| Rice | Transplanting | Kar rice at tillering stage may be applied with 30 kg Nitrogen and 10 kg K ₂ O/ha. Do not drain water after fertilizer application. This application may be done before 16 th July. Since the weather is favourable for green leaf hopper infestation in Kar rice, spray fenthion 100 EC @ 500 ml / ha. |
| Maize | Sowing | Since light rainfall is alone expected, ensure adequate soil moisture before continuing the sowing of irrigated maize and sunflower. |
| Sugarcane | | De-trashing, removal of dry cane leaves and propping is advised to avoid borer infestation in early season planted cane of 150 days old. By utilizing the anticipated light drizzling, top dressing may be done in late season planted cane with 90kg Nitrogen/ ha + 37kg K ₂ O/ ha. Nitrogen may be applied through neem cake blended. |
| Banana | | Since rainfall with heavy wind speed is expected along with rainfall, propping may be done to banana crop to prevent lodging. |
| Turmeric | | Occurrence of leaf spot incidence in turmeric crop may be monitored because of heavy wind, high relative humidity and cloudiness. In Turmeric, spray each 375 g ferrous sulphate, Zinc sulphate, Borax and of Urea in 250 lit of water/ha to correct micronutrients deficiency due to cloudy weather. |
| Coconut | | By utilizing rainfall, apply fertilizer for coconut @ 650 gm urea, 1kg SuPo ₄ , 1kg MOP and 2kg Neem cake along with 50kg FYM. Provide inward basin in around the coconut trees to harvest rainwater in root zone. |

| | | |
|--------|--|--|
| Animal | | <p>Since Wind speed of 10 - 14 km is expected along with rainfall, provide adequate care to the animal sheds.</p> <p>Due to heavy wind speed sufficient quantity of good quality of water is necessary to the poultry birds. Further provide feed during morning hours to avoid food wastage and hanging of gunny bags the border of the shed is beneficial.</p> <p>Prevailing weather is conducive for mastitis disease in milch animals. Wash the udder with 1 per cent KMno₄ before and after milking.</p> |
|--------|--|--|

SMS advisory

- Since light rainfall is alone expected, ensure adequate soil moisture before continuing the sowing of irrigated maize and sunflower.

Professor and Head
Principal Nodal Officer (GKMS)
Agro Climate Research Centre