



Tamil Nadu Agricultural University

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India Meteorological Department

Agromet Advisory Bulletin for the Coimbatore District

Bulletin No.020/2023 Issued on 10.03.2023

(From 11th March 2023 to 15th March 2023)

Issued jointly by Agro Climate Research Centre, TNAU and IMD



Past Weather for Tamil Nadu District

Weather Summary for the period since the issue of last bulletin 019 (07.03.2023) for Tamil Nadu. Maximum temperature ranged from 31°C to 37°C and minimum temperature ranged from 21°C to 26°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 18°C to 25°C and minimum temperature ranged from 5°C to 8°C. During this period no rainfall was recorded in Tamil Nadu.

Coimbatore District Past Weather

In Coimbatore district, during 07.03.23 to 09.03.23 the Maximum temperature was recorded as 34°C and the minimum temperature was 20°C to 21°C. The Morning relative humidity recorded was 84 per cent and evening relative humidity was 26 per cent. The average wind speed recorded was 9-14 km per hour and the wind direction were from South West direction.

Weather Summary for Coimbatore district

| Past week Summary (07.03.2023 to 09.03.2023) | | | Date | Ensemble weather forecast valid until 08.30 hrs of 15.03.2023 | | | | |
|---|----------------|----------------|--------------------|--|----------------|----------------|----------------|----------------|
| Day-1 07/03 | Day-2 08/03 | Day-3 09/03 | | Day-1 11/03 | Day-2 12/03 | Day-3 13/03 | Day-4 14/03 | Day-5 15/03 |
| 0 | 0 | 0 | Rainfall | 0 | 0 | 0 | 0 | 0 |
| 34 | 34 | 34 | Max. Temp. (°C) | 34 | 34 | 35 | 35 | 35 |
| 20 | 21 | 21 | Mini. Temp. (°C) | 21 | 21 | 22 | 22 | 23 |
| 6 | 4 | 4 | Cloud cover (Octa) | 0 | 0 | 0 | 0 | 0 |
| 84 | 75 | 68 | RH morning (%) | 80 | 80 | 80 | 80 | 90 |
| 24 | 23 | 26 | RH evening (%) | 20 | 20 | 20 | 20 | 20 |
| 9 | 14 | 14 | Wind (kmph) | 4 | 6 | 4 | 6 | 6 |
| 90 | 90 | 70 | Wind Direction | 200 | 230 | 290 | 270 | 250 |

Weather forecast for next five days: (11.03.2023 to 15.03.2023)

According to district forecast issued by the India Meteorological Department for Coimbatore district, sky will be generally clear. Dry weather is expected on next five days. Maximum temperature is expected to be around 34°C to 35°C. Minimum temperature is expected to be around 21°C to 23°C. Morning relative humidity is expected to be around 80 per cent and evening relative humidity is expected to be around 20 per cent. Average wind speed is expected to be around 4-6 km per hour and the wind direction will be from South West direction.

| Coimbatore District Block Wise Rainfall (mm) for next five days | | | | | | | | | | | | |
|---|----------|-------|-----------|---------------|------------|------------|----------------|----------------|-----------------|-----------|-------|--------------|
| Date | Anamalai | Annur | Karamadai | Kinathukadavu | Madukkarai | PN Palayam | Pollachi North | Pollachi South | Sarcarsamakulam | Sultanpet | Sulur | Thondamuthur |
| 11-03-2023 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12-03-2023 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13-03-2023 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14-03-2023 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15-03-2023 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Agro Advisory

| Crop | Stage | Advisory |
|------------|----------------------|---|
| General | | Clear sky and dry days with wind speed of 4-6 km/hr is expected in western zone during next five days. Temperature is increasing. Dry days are continued. Provide irrigation based on soil moisture during evening hours and apply mulches to conserve moisture. |
| Sesamum | Vegetative | Prevailing high temperature is favourable for the sucking pest incidence in sesame hence farmers are request to monitor the field, if necessary spray any systemic insecticides or 5% Neem Seed Kernel Extract |
| Sugarcane | Vegetative | Since dry weather is continuing, early shoot borer incidence in sugarcane may be increased. Hence farmers are requested to provide frequent irrigation to keep the field wet and do mulching. |
| Vegetables | Vegetative | Since temperature starts increasing, sucking pest like aphids, Thrips, Leaf Minor and Jassids may increases in Vegetable crops. If needed spray 5% Neem Seed Kernal Extract. |
| Moringa | Flowering & fruiting | The prevailing weather condition is favorable for fruit fly incidence in drumstick may be increasing. Hence, neem oil spray is recommended to control the above pest. |
| Banana | Planting | Dry wind with 4- 6 km is expected in Western Zone districts. Protect the 5 months and above old Banana from lodging with adequate support. |

| | | |
|---------|--|---|
| Coconut | | <p>Inward basin may be formed around the coconut trees to conserve the summer rain water in root zone.</p> <p>Due to increase in maximum and minimum temperature, coconut may be irrigated with 100 liters of water per day per tree through drip irrigation system.</p> |
| Animal | | <p>Vaccination to the sheep may be done in near be veterinary hospital against the fox disease.</p> <p>Considering the temperature rise, milch animals need mineral mixture and hence 50grams of TANUVAS smart mineral mixture per animal per day may be mixed along with animal feed. Since temperature is rising provide enough drinking water.</p> <p>Considering the increasing temperature, artificial insemination to animals may be done in morning before 11am after cooling the animals by bathing.</p> <p>Prevailing high temperature leads to temperature stress in poultry and hence wetted gunny bags may be hanged in the side walls of the shed.</p> |

SMS advisory

- Inward basin may be formed around the coconut trees to conserve the summer rain water. Expected in forthcoming periods.

**Professor and Head
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