



Tamil Nadu Agricultural University

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India Meteorological Department

Agromet Advisory Bulletin for the Coimbatore District

Bulletin No.078/2022 Issued on 30.09.2022

(From 01st October 2022 to 5th October 2022)

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 077 (27.09.2022) for Tamil Nadu. Maximum temperature ranged from 30°C to 37°C and minimum temperature ranged from 22°C to 27°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 18°C to 21°C and minimum temperature ranged from 10°C to 11°C. During this period isolated rainfall was recorded in Tamil Nadu.

Coimbatore District Past Weather

In Coimbatore district, during 27.09.22 to 29.09.22 the Maximum temperature was recorded as 31°C to 33°C and the minimum temperature was 22°C to 23°C. The Morning relative humidity recorded was 76 per cent and evening relative humidity was 64 per cent. The average wind speed recorded was 12-17 km per hour and the wind direction were from South West direction.

Weather Summary for Coimbatore district

| Past week Summary 27.09.2022 to 29.09.2022) | | | Date | Ensemble weather forecast valid until 08.30 hrs of 05.10.2022 | | | | |
|--|----------------|----------------|--------------------|--|----------------|----------------|----------------|----------------|
| Day-1 27/09 | Day-2 28/09 | Day-3 29/09 | | Day-1 01/10 | Day-2 02/10 | Day-3 03/10 | Day-4 04/10 | Day-5 05/10 |
| 0.1 | 0.0 | 0.8 | Rainfall | 5 | 34 | 8 | 6 | 12 |
| 31 | 33 | 33 | Max. Temp. (°C) | 32 | 31 | 30 | 31 | 31 |
| 23 | 23 | 22 | Mini. Temp. (°C) | 22 | 21 | 20 | 21 | 22 |
| 6 | 7 | 6 | Cloud cover (Octa) | 8 | 8 | 8 | 6 | 8 |
| 79 | 79 | 76 | RH morning (%) | 70 | 80 | 80 | 80 | 80 |
| 66 | 66 | 64 | RH evening (%) | 40 | 50 | 50 | 50 | 50 |
| 12 | 17 | 14 | Wind (kmph) | 8 | 8 | 8 | 6 | 6 |
| 200 | 230 | 230 | Wind Direction | 290 | 290 | 280 | 290 | 280 |

Weather forecast for next five days: (01.10.2022 to 05.10.2022)

According to district forecast issued by the India Meteorological Department for Coimbatore district, sky will be mostly cloudy. Light to moderate rainfall is expected on next five days. Maximum temperature is expected to be around 30°C to 32°C. Minimum temperature is expected to be around 20°C to 22°C. Morning relative humidity is expected to be around 80 per cent and evening relative humidity is expected to be around 40 per cent. Average wind speed is expected to be around 6-8 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 |
| 01-10-2022 | 8 | 5 | 6 | 5 | 4 | 4 | 7 | 7 | 4 | 5 | 4 | 4 |
| 02-10-2022 | 19 | 30 | 31 | 26 | 29 | 30 | 22 | 22 | 30 | 28 | 30 | 28 |
| 03-10-2022 | 16 | 15 | 15 | 12 | 8 | 10 | 15 | 15 | 10 | 14 | 11 | 9 |
| 04-10-2022 | 17 | 9 | 11 | 10 | 7 | 7 | 14 | 14 | 7 | 9 | 7 | 8 |
| 05-10-2022 | 13 | 9 | 10 | 11 | 10 | 10 | 12 | 12 | 9 | 9 | 9 | 11 |

Agro Advisory

| Crop | Stage | Advisory |
|---------|------------|--|
| General | | <p>Light to moderate rainfall is expected in western zone during next five days. Irrigation may be postponed based on the soil moisture. Wind speed of 6 - 8 km/hr is expected.</p> <p>Since rainfall is expected, provide drainage to the cotton, turmeric, tapioca, tomato, groundnut etc.</p> <p>In rainfed, provide bunds or plough against the slope at 20 feet interval to arrest the rain water runoff.</p> |
| Rice | Vegetative | <p>Considering the rainfall, Drainage may be provided in recently transplanted samba rice. Similarly proper drainage to canal water also ensured</p> <p>As Samba season is over, stop nursery sowing or direct seeding of samba paddy.</p> |
| Sorghum | | <p>By utilizing prevailing rainfall North east monsoon dryland crops like sorghum, cumbu and other crops may be sown.</p> |

| | | |
|----------|--------|--|
| Cotton | Sowing | Due to high soil moisture and relative humidity, flower shedding in cotton crop can be arrested by spraying NAA 40 PPM in 60 - 90 days after sowing. (40 mg of NAA dissolved in 1 liter of water will give the concentration of 40 PPM). To arrest the terminal growth nipping the terminal portion of the main stem beyond the 15 th node. |
| Banana | | Expected Wind speed is 8 km per hour with rainfall, hence five months old banana may be provided with support against lodging. Avoid irrigation. |
| Turmeric | | In turmeric, Trichoderma viride may be applied to prevent rhizome rot in addition to proper after drainage |
| Animal | | The udder of the animal after milking must be cleaned with potassium permanganate to avoid mastitis. Wetted feeds may be avoided to the animal. Since rainfall is expected drainage in and around cattle and poultry sheds may be provided to avoid water stagnation. Further farmers are requested to safeguard the feed and fodder material from rain soaking |

SMS advisory

- By utilizing prevailing rainfall North east monsoon dryland crops like sorghum, cumbu and other crops may be sown.

**Professor and Head
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