



Agro-Met Advisory Bulletin for the Coimbatore District



Forecast Period: 02nd April 2018 to 06th May 2018

Issued jointly by TNAU and IMD

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Weather Summary for the period since the issue of last bulletin 33 (27.04.2018) for Tamil Nadu.

Maximum temperature ranged from 34°C to 40°C and minimum temperature ranged around 25°C to 29°C did prevail over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 20°C to 25°C and minimum temperature ranged 11°C to 13°C during the period. Isolated rainfall was recorded in Tamil Nadu.

Past weather Summary for Coimbatore district

| | |
|-------------------------------|-------|
| Cloud Cover (Octa) | 4-6 |
| Rainfall (mm) | 7.6 |
| Maximum temperature(°C) | 37 |
| Minimum temperature (°C) | 24-26 |
| Morning relative humidity (%) | 70-76 |
| Evening relative humidity (%) | 33-45 |
| Wind speed (Kmph) | 8-14 |

Weather forecast for next five days: 02.05.2018 to 06.05.2018

According to district forecast issued by the India Meteorological Department for Coimbatore district, sky will be mostly cloudy. Light rainfall is expected on next five days. Maximum temperature is expected to be around 38°C to 39°C and minimum temperature is expected to be around 26°C. Morning relative humidity is expected to be around 70 to 80 per cent and evening relative humidity is expected to be around 50 per cent. Average wind speed is expected to be around 8 km to 14 per hour and the wind direction will be from southwest direction.

| Date | Rainfall (mm) | Max.Temp. (°C) | Min.Temp. (°C) | Total Cloud cover (octa) | Max RH (%) | Min RH (%) | Wind speed (kmph) | Wind direction (deg) |
|----------|---------------|----------------|----------------|--------------------------|------------|------------|-------------------|----------------------|
| 02.05.18 | 15 | 38 | 26 | 4 | 70 | 50 | 14 | 230 |
| 03.05.18 | 18 | 38 | 26 | 4 | 70 | 50 | 14 | 230 |
| 04.05.18 | 15 | 38 | 26 | 4 | 70 | 50 | 14 | 230 |
| 05.05.18 | 20 | 39 | 26 | 3 | 80 | 50 | 8 | 230 |
| 06.05.18 | 20 | 39 | 26 | 3 | 80 | 50 | 8 | 230 |

Crop Stages at Coimbatore

| Blocks | Sugar cane | Cumbu | Turmeric | Milletts | Cotton |
|---------------|------------|-------|----------|----------|--------|
| Thondamuthur | V&M | S | S | M | F &BP |
| Karamadai | V&M | S | S | M | F &BP |
| Sulur | V&M | S | S | M | F &BP |
| Sultanpet | V&M | S | S | M | F &BP |
| Pollachi | V&M | S | S | M | F &BP |
| P.N Palayam | V&M | S | S | M | F &BP |
| Kinathukadavu | V&M | S | S | M | F &BP |
| Annur | V&M | S | S | M | F &BP |
| Madukarai | V&M | S | S | M | F &BP |
| Annaimalai | V&M | S | S | M | F &BP |

V-Vegetative; S–Sowing; BP–Boll picking; F –Flowering

Agro Advisory

- ✓ Light rain fall with squally wind is expected, five months old banana and sugarcane crop propping may be done against the ill effect of squally.
- ✓ Inward ring basin may be strengthened around coconut trees to harvest anticipated rainfall in the root zone.
- ✓ Since drizzling rainfall is expected irrigation may be done according to soil moisture especially coconut and banana.
- ✓ This is the best time of sowing cumbu under irrigated dry condition. Provide irrigation if soil moisture from rain is not sufficient.
- ✓ This is the best time for preparation of land for ensuing turmeric crop planting hence prepare the land by utilizing expected rain fall.

SMS advisory

- ✓ This is the best time of sowing cumbu under irrigated dry condition. Provide irrigation if soil moisture from rain is not sufficient.

**Professor and Head
Agro Climate Research Centre**