



Agro-Met Advisory Bulletin for the Coimbatore District



Forecast Period: 21st March 2018 to 25th March 2018

Issued jointly by TNAU and IMD

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Weather Summary for the period since the issue of last bulletin 22 (16.03.2018) for Tamil Nadu.

Maximum temperature ranged from 28°C to 38°C and minimum temperature ranged around 21°C to 28°C did prevail over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 16°C to 20°C and minimum temperature ranged 10°C to 12°C during the period. Isolated rainfall was not recorded in Tamil Nadu.

Past weather Summary for Coimbatore district

Cloud Cover (Octa)	6-7
Rainfall (mm)	18.6
Maximum temperature(°C)	33-35
Minimum temperature (°C)	23-24
Morning relative humidity (%)	74-80
Evening relative humidity (%)	21-45
Wind speed (Kmph)	9-15

Weather forecast for next five days: 21.03.2018 to 25.03.2018

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 23 and 24th March. Maximum temperature is expected to be around 35°C to 37°C minimum temperature is expected to be around 23°C to 24°C. Morning relative humidity is expected to be around 70 to 75 percent and evening relative humidity is expected to be 45 to 50 per cent. Average wind speed is expected to be around 6-8 km per hour and the wind direction will be from east direction.

Date	Rainfall (mm)	Max.Temp. (°C)	Min.Temp. (°C)	Total Cloud cover (octa)	Max RH (%)	Min RH (%)	Wind speed (kmph)	Wind direction (deg)
21.03.18	2	35	23	6	70	50	8	140
22.03.18	5	35	23	6	70	50	8	140
23.03.18	13	36	24	4	70	50	6	90
24.03.18	25	36	24	4	75	45	6	90
25.03.18	0	37	24	4	75	45	6	90

Crop Stages at Coimbatore

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

V-Vegetative; M–Maturity; BP–Boll picking; F –Flowering

Agro Advisory

- ✓ Light to moderate rainfall is expected on 23 and 24th March. Provide crop residue mulches to prevent the evaporation of soil moisture gained from the rainfall
- ✓ By utilizing expected rainfall summer ploughing to improve infiltration rate of soil as well as to control the weed growth.
- ✓ Inward basin may be formed around the coconut trees to conserve the rainwater as well as irrigation water.
- ✓ Considering the receipt of rainfall, 166 kg Urea and 63 kg MOP per hectare may be applied for early season planted sugarcane followed by earthing up. If rainfall is insufficient, provide irrigation.
- ✓ Considering the rainfall, It is the time to fill up the gaps in the mid-season planted cane fields with sprouted setts followed by irrigation.
- ✓ Summer irrigated sesamum in flowering stage. If sufficient soil moisture is not received from rainfall, provide irrigation to prevent flower dropping.

SMS advisory

- ✓ Summer irrigated Sesamum in flowering stage. If sufficient soil moisture is not received from rainfall, provide irrigation to prevent flower dropping.

**Professor and Head
Agro Climate Research Centre**