



**Tamil Nadu Agricultural University**  
&  
**India Meteorological Department**  
**Agromet Advisory Bulletin for the Coimbatore District**  
**Bulletin No.061/2022 Issued on 02.08.2022**  
**(From 03<sup>rd</sup> August 2022 to 07<sup>th</sup> August 2022)**  
**Issued jointly by Agro Climate Research Centre, TNAU and IMD**



Weather Summary for the period since the issue of last bulletin 060 (29.07.2022) for Tamil Nadu. Maximum temperature ranged from 32°C to 37°C and minimum temperature ranged from 22°C to 28°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 19°C to 24°C and minimum temperature ranged from 10°C to 11°C. During this period isolated rainfall was recorded in Tamil Nadu.

**Weather Summary for Coimbatore district**

Past week Summary (29.07.2022 to 01.08.2022)					Ensemble weather forecast valid until 08.30 hrs of 07.08.2022				
Day-1 29/07	Day-2 30/07	Day-3 31/07	Day-3 01/08	Date	Day-1 03/08	Day-2 04/08	Day-3 05/08	Day-4 06/08	Day-5 07/08
11.6	5.2	19.8	24.1	Rainfall	60	65	60	30	15
35	33	34	33	Max. Temp. (°C)	28	26	26	27	28
23	24	23	23	Mini. Temp. (°C)	20	19	19	20	20
6	6	5	7	Cloud cover (Octa)	7	7	7	7	7
83	90	82	96	RH morning (%)	85	85	85	85	85
62	96	57	68	RH evening (%)	75	75	75	75	75
6	11	11	16	Wind (kmph)	10	14	14	14	14
70	230	200	200	Wind Direction	230	230	250	230	230

**Weather forecast for next five days: (03.08.2022 to 07.08.2022)**

According to district forecast issued by the India Meteorological Department for Coimbatore district, sky will be mostly cloudy. Moderate to heavy rainfall is expected on next five days. Maximum temperature is expected to be around 26°C to 28°C. Minimum temperature is expected to be around 19°C to 20°C. Morning relative humidity is expected to be around 85 per cent and evening relative humidity is expected to be around 75 per cent. Average wind speed is expected to be around 10 to 14 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	Sultanpit	Sulur	Thondamuthur
03-08-2022	398	277	323	398	445	409	381	381	392	288	354	442
04-08-2022	567	426	461	555	595	553	545	545	539	448	508	595
05-08-2022	325	277	340	317	331	331	315	315	313	251	284	339
06-08-2022	57	60	73	57	57	61	57	57	58	51	53	59
07-08-2022	30	19	25	29	32	30	28	28	28	19	25	33

### Agro Advisory

Crop	Stage	Advisory
General		<p>Moderate to heavy rainfall is expected in western zone during next five days. Hence, provide adequate drainage to all crops.</p> <p>The runoff water may be properly drained to farm pond for supplemental irrigation during later days.</p> <p>Isolated areas adjoining to western ghats will receive heavy rain fall, hence provide contour trench channel for draining the excess water from cultivated field and fallow land to reduce soil erosion.</p>
Rice	Transplanting	Due to heavy rainfall postpone the transplanting of rice
Maize	Vegetative	Utilizing the received and anticipated rainfall, sowing of irrigated maize may be continued with proper drainage. This best time for sowing irrigated maize for reaping potential yield.
Groundnut	Vegetative	Prevailing weather condition is conducive for the Cercospora leaf spot in groundnut monitor the disease initiation and if already crop is infected spray Mangoceb @ 2.5 g per litre of water.
Sugarcane		<p>De-trashing, removal of dry cane leaves and propping is advised to avoid borer infestation in early season planted cane of 150 days old.</p> <p>By utilizing the anticipated rainfall, top dressing may be done in late season planted cane with 90kg Nitrogen/ ha + 37kg K<sub>2</sub>O/ ha. Nitrogen may be applied through neem cake blended.</p>

Cotton	Sowing	Continuous rain in some areas leads to poor germination in rainfed cotton hence farmers are requested to raise additional seedlings in polythene bags and may be transplanted to maintain the plant population at later stage.
Tomato	Planting	Considering the cloudy and humid weather <i>Trichoderma viride</i> may be applied @ 2.5 kg per hectare to prevent damping off disease or soil borne diseases in tomato.  Since rain fall is expected, tomato seedlings may be planted in ridges and furrows.
Banana		Prevailing weather condition is favourable for the sigatoka leaf spot in banana hence farmers are requested to monitor the crop carefully and spray Carbendazim 1 g/lit or Mancozeb 2 g/lit or Copper oxychloride 2.5 g/lit or Chlorothalonil 2 g/lit. Always add 5 ml of wetting agent per 10 lit of spray fluid.
Grapes		Considering the high relative humidity, grapes may be infected with either powdery mildew or downy mildew. To control powdery mildew spray 0.3% wettable Sulphur. To control downy mildew, spray 1% Bordeaux mixture.
Curry leaf		Leaf spot disease is noticed in Curry leaf due to prevailing weather and hence, spray Carbendazim @ 1g/ lit of water.
Tea		Right time for training and pruning of shade trees in Tea plantations in Valparai area
Coconut		By utilizing rainfall, apply fertilizer for coconut @ 650 g urea, 1kg Super phosphate, 1kg MOP and 2kg Neem cake along with 50kg FYM.  Provide inward basin in and around the coconut trees to harvest rainwater in root zone.
Animal		Prevailing weather is conducive for mastitis disease in milch animals. Wash the udder with 1 per cent $KM_nO_4$ before and after milking.  Monsoon favours Enterotoxemia and Blue Tongue diseases in Goat. Provide vaccine to Goats at nearby Veterinary hospitals. Also do deworming.  Due to rainfall and high wind speed poultry shed may be protected by hanging of gunny bags at the borders of the shed.

#### SMS advisory

- The runoff water due to heavy rainfall may be properly drained to farm pond for supplemental irrigation during later days.

**Professor and Head  
Principal Nodal Officer (GKMS)**