Tamil Nadu Agricultural University

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India Meteorological Department

Agromet Advisory Bulletin for the Tiruppur District

Bulletin No.067/2022 Issued on 23.08.2022

(From 24th August 2022 to 28th August 2022)

Issued jointly by Agro Climate Research Centre, TNAU and IMD

Weather Summary for the period since the issue of last bulletin 066 (19.08.2022) for Tamil Nadu. Maximum temperature ranged from 30°C to 38°C and minimum temperature ranged from 22°C to 29°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 20°C to 22°C and minimum temperature ranged from 10°C to 12°C. During this period isolated rainfall was recorded in Tamil Nadu.

Weather Summary for Tiruppur district

Past week Summary (19.08.2022 to 22.08.2022)					Ensemble weather forecast valid until 08.30 hrs of 28.08.2022				
Day-1 19/08	Day-2 20/08	Day-3 21/08	Day-3 22/08	Date	Day-1 24/08	Day-2 25/08	Day-3 26/08	Day-4 27/08	Day-5 28/08
3.5	1.1	0.0	0.0	Rainfall	24	26	26	18	6
33	32	32	33	Max. Temp. (°C)	32	30	30	30	30
24	23	23	23	Mini. Temp. (°C)	22	21	21	21	21
7	7	6	6	Cloud cover (Octa)	8	8	8	8	8
85	83	82	76	RH morning (%)	70	70	80	80	80
67	67	66	85	RH evening (%)	50	50	50	50	40
17	19	19	23	Wind (kmph)	8	8	6	6	6
230	230	230	230	Wind Direction	270	80	280	290	290

Weather forecast for next five days: (24.08.2022 to 28.08.2022)

According to district forecast issued by the India Meteorological Department for Tiruppur district, sky will be cloudy. Moderate to heavy 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 21°C to 22°C. Morning relative humidity is expected to be around 80 per cent and evening relative humidity is expected to be around 50 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.

Tiruppur District Block Wise Rainfall(mm) for next five days													
Date	Avinashi	Dharapuram	Gudimangalam	Kangeyam	Kundadam	Madathukualm	Mulanur	Palladam	Pongalur	Tiruppur	Udumalpet	Uthukuli	Vellakovil
24-08-2022	129	92	111	97	107	103	69	128	124	135	110	124	65
25-08-2022	70	58	71	57	64	68	45	71	69	70	72	67	42
26-08-2022	36	29	34	31	32	32	23	36	35	36	34	35	23
27-08-2022	35	27	31	27	30	30	20	35	34	36	31	34	19
28-08-2022	31	23	24	25	26	23	20	30	30	33	23	31	19

Agro advisory

Crop	Stage	Advisory
General		Moderate rainfall with wind speed of 6 – 8 km per hour is expected in western zone during next five days. Hence, postpone the irrigation based and provide adequate support to tall crops. Heavy rain fall is expected western ghats and adjoining areas, therefore those people who are living in those areas may be advised to take suitable precautions for animal safety.
Sorghum	Sowing	By utilizing rainfall, fodder sorghum may be sown under rainfed lands
Maize	Sowing	By utilizing prevailing rainfall, maize crop can be sown in both under irrigated as well as rainfed condition.
Cowpea	Sowing	By utilizing rainfall, cowpea may be sown under rainfed lands
Sugarcane		Considering the moderate rainfall, second top dressing with 85 kg Urea + 25 kg Potash / acre may be given to late season planted cane, followed by earthing up.
Tomato	Planting	Since rainfall is expected tomato seedling may be transplanted in

		ridges and furrows under rainfed conditions.
Banana		Expected wind speed is more than 10 km per hour with rainfall, hence five months old banana and sugarcane may be propped against lodging. Avoid irrigation.
Animal		Present weather is conducive for many pathogen in milch animals. Hence clean the udder with 1% potassium permanganate before and after milking. Farmers are advised not to allow their animals to graze near pond or lake areas to avoid fluke infestation. Heavy wind and cloudiness may cause thirst for water in animals. Hence, provide adequate clean drinking water.

SMS advisory

- By utilizing prevailing rainfall, maize crop can be sown in both under irrigated as well as rainfed condition.

Professor and Head
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