Tamil Nadu Agricultural University

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India Meteorological Department

Agromet Advisory Bulletin for the Tiruppur District

Bulletin No.063/2021 Issued on 06.08.2021

(From 07th August 2021 to 11th August 2021)

Issued jointly by Agro Climate Research Centre, TNAU and IMD

Weather Summary for the period since the issue of last bulletin 062 (03.08.2021) for Tamil Nadu. Maximum temperature ranged from 32°C to 40°C and minimum temperature ranged from 22°C to 29°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 17°C to 20°C and minimum temperature ranged from 10°C to 12°C.During this period isolated rainfall was observed in Tamil Nadu.

Weather Summary for Tiruppur district

Past week Summary (03.08.2021 to 05.08.2021)				Ensemble weather forecast valid until 08.30 hrs of 11.08.2021				
03/08	04/08	05/08	Date	Day-1 07/08	Day-2 08/08	Day-3 09/08	Day-4 10/08	Day-5 11/08
0.0	0.0	0.0	Rainfall	20	15	10	10	20
33	33	32	Max. Temp. (°C)	32	32	32	32	32
23	22	23	Mini. Temp. (°C)	22	22	22	22	22
6	7	7	Cloud cover (Octa)	8	8	8	8	8
76	83	78	RH morning (%)	90	90	90	90	90
48	60	70	RH evening (%)	60	60	60	60	60
21	23	19	Wind (kmph)	15	15	15	15	15
230	230	180	Wind Direction	230	230	230	230	230

Weather forecast for next five days (07.08.2021 to 11.08. 2021)

According to district forecast issued by the India Meteorological Department for Tiruppur district, sky will be cloudy. Moderate rainfall is expected. Maximum temperature is expected to be around 32°C. Minimum temperature is expected to be around 22°C. Morning relative humidity is expected to be around 90 per cent and evening relative humidity is expected to be around 60 per cent. Average wind speed is expected to be around 15 km per hour and the wind direction will be from South west direction.

Agro Advisoy

Crop	Stage	Advisory
General		Thunderstorm with moderate rainfall is likely to occur at isolated places over Western Ghats. Provide adequate drainage to recently sown crops. Wind speed of 15 km/hour is expected. Hence provide adequate support to banana and sugarcane. Anticipating the good rainy season, create proper drainage channel to drain the water safely from the field.
Maize	Sowing & Vegetative	Utilizing the received and anticipated rainfall, sowing of irrigated maize may be continued. Irrigated maize crop at 30 days old may be top dressed with urea 55kg and 12kg MOP/ acre after weeding.
Sugarcane	Vegetative	Detrashing and propping may be done in six months old sugarcane to protect against anticipated high wind speed.
Cotton	Sowing	By utilizing past and anticipated rainfall land preparation may be initiated for irrigated cotton to be sown on August 15. By utilizing expected rainfall, gap filling or raised seedlings in polyethylene bag may be planted to maintain optimum plant population.
Gourds Vegetable	Land preparation	This is the best time tort take up sowing gourds like snake gourd, bitter gourd and other cucurbits.
Banana		Rain may be accompanied with high wind speed of >15 km/hour. Provide adequate stacking to 5 months old and above banana against lodging.
Turmeric	Vegetative	In turmeric crop at 60 days, apply second top dressing with 50 kg of urea and 30kg of muriate of potash. Since relative humidity and wind speed are above the threshold level, leaf spot disease in turmeric may appear. To control, spray 500 g Carbendazim or 1000g Mancozeb or 1250g copper oxy chloride per hectare to be dissolved in 500 litres of water during non rainy days.

Animal		Due to high relative humidity, animals may have more thirst for water. Hence, provide adequate drinking water to animals. Due to high wind speed, feed material of poultries may be drifted. Hence hanging of gunny bags at the borders of the shed to reduce the wind speed should be done.. Since the maximum temperature is more than 32 °C, electrolytes or mineral mix in poultry and animal feeds may be added to increase the feed intake. Since rain fall is expected, drain the stagnated water in and around the cattle and poultry sheds.

SMS advisory

- Thunderstorm with moderate rainfall is expected at isolated places s. Provide adequate drainage to recently sown crops.

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Professor and Head
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Agro Climate Research Centre