



Tamil Nadu Agricultural University

&

India Meteorological Department
Agromet Advisory Bulletin for the Erode District

Bulletin No.046/2022 Issued on 10.06.2022

(From 11th June 2022 to 15th June 2022)

Issued jointly by Agro Climate Research Centre, TNAU and IMD



Weather Summary for the period since the issue of last bulletin 045 (07.06.2022) for Tamil Nadu. Maximum temperature ranged from 32°C to 40°C and minimum temperature ranged from 22°C to 30°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 17°C to 21°C and minimum temperature ranged from 10°C to 13°C. During this period isolated rainfall was recorded in Tamil Nadu.

Weather Summary for Erode district

Past week Summary (05.06.2022 to 09.06.2022)					Ensemble weather forecast valid until 08.30 hrs of 15.06.2022					
Day-1 05/06	Day-2 06/06	Day-3 07/06	Day-4 08/06	Day-5 09/06	Date	Day-1 11/06	Day-2 12/06	Day-3 13/06	Day-4 14/06	Day-5 15/06
0.0	9.1	10.2	0.0	0.2	Rainfall	2	4	2	0	0
35	35	34	31	34	Max. Temp. (°C)	35	35	35	35	34
25	25	25	23	23	Mini. Temp. (°C)	23	23	23	23	23
6	7	7	5	5	Cloud cover (Octa)	5	5	5	4	4
78	73	78	79	75	RH morning (%)	70	70	70	70	70
64	65	57	61	53	RH evening (%)	60	60	60	60	60
24	12	21	22	19	Wind (kmph)	8	8	8	8	8
200	230	200	200	230	Wind Direction	290	290	270	270	270

Weather forecast for next five days: (11.06.2022 to 15.06.2022)

According to district forecast issued by the India Meteorological Department for Erode district, sky will be mostly cloudy. Light rainfall is expected on next three days. Maximum temperature is expected to be around 34°C to 35°C. Minimum temperature is expected to be around 23°C. Morning relative humidity is expected to be around 70 per cent and evening relative humidity is expected to be around 60 per cent. Average wind speed is expected to be around 8 km per hour and the wind direction will be from South West direction.

Agro Advisory

Crop	Stage	Advisory
General		Light rainfall along with wind speed @ 8-12 kmph is expected during this week. Irrigation may be given to the crops based on soil moisture content and apply crop residue mulch to reduce water loss through evaporation.
Rice	Sowing	By utilizing the expected rainfall rice nursery preparation may be continued already sown, maintain thin film of water to avoid seed displacement. By utilizing the expected rainfall main field may be prepared for transplanting of rice seedlings. By utilizing the received rainfall in command areas where rice is grown during August, green manure crops like Daincha or sun hemp may be grown and insitu ploughed @ 45 days after sowing.
Small millets		Considering the anticipated rainfall sowing of small millets may be continued in the foothills of western ghats areas.
Cotton	Flowering	In cotton crop, spray NAA 40 ppm to prevent early shedding of buds and squares and increase the yield (40 mg of NAA dissolved in one litre of water will give 40 ppm).
Tomato	Nursery	June is the best time for sowing of tomato in raised bed for nursery seedlings. Do seed treatment with Trichoderma viride @ 4g/kg. The seed treatment must be done 24 hours before sowing of seeds.
Banana		Light rainfall along with wind speed of 8-12 kmph is expected, propping may be done to banana crop to prevent lodging.
Turmeric		Since light rainfall is expected, irrigation may be done to all irrigated crops especially turmeric crop to get uniform germination.
Coconut		By utilizing rainfall, apply fertilizer for coconut @ 650 gm urea, 1kg SuPo4, 1kg MOP and 2kg Neem cake along with 50kg FYM. Root feeding of TNAU coconut tonic 200ml/ tree is advised for arresting button shedding in coconut. Provide inward basin in around the coconut trees to harvest rainwater in root zone.
Animal		Since Wind speed of 8 -12 km is expected along with rainfall, provide adequate care to the animal sheds. Do not allow the animals to graze on newly grown grasses, due to the receipt of last week rain.

SMS advisory

- Light rainfall along with wind speed of 8-12 kmph is expected, propping may be done to banana crop to prevent lodging.

**Professor and Head
Principal Nodal Officer (GKMS)
Agro Climate Research Centre**