



Tamil Nadu Agricultural University
&
India Meteorological Department
Agromet Advisory Bulletin for the Coimbatore District
Bulletin No.050/2022 Issued on 24.06.2022
(From 25th June 2022 to 29th June 2022)
Issued jointly by Agro Climate Research Centre, TNAU and IMD



Weather Summary for the period since the issue of last bulletin 049 (21.06.2022) for Tamil Nadu. Maximum temperature ranged from 33°C to 38°C and minimum temperature ranged from 23°C to 27°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 18°C to 21°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 (19.06.2022 to 23.06.2022)					Date	Ensemble weather forecast valid until 08.30 hrs of 29.06.2022				
Day-1 19/06	Day-2 20/06	Day-3 21/06	Day-4 22/06	Day-5 23/06		Day-1 25/06	Day-2 26/06	Day-3 27/06	Day-4 28/06	Day-5 29/06
4.9	3.2	11.9	8.5	4.7	Rainfall	8	6	6	4	5
34	34	34	31	31	Max. Temp. (°C)	33	33	33	33	33
23	23	23	23	23	Mini. Temp. (°C)	23	23	23	23	23
6	6	7	7	7	Cloud cover (Octa)	5	5	5	5	5
76	82	83	79	73	RH morning (%)	80	80	80	80	80
65	60	69	65	71	RH evening (%)	70	70	70	70	70
19	16	21	19	20	Wind (kmph)	16	16	16	16	16
230	230	200	230	230	Wind Direction	230	230	230	230	230

Weather forecast for next five days: (25.06.2022 to 29.06.2022)

According to district forecast issued by the India Meteorological Department for Coimbatore district, sky will be partlycloudy. Light rainfall is expected on next five days. Maximum temperature is expected to be around 33°C. Minimum temperature is expected to be around 23°C. Morning relative humidity is expected to be around 80 per cent and evening relative humidity is expected to be around 70 per cent. Average wind speed is expected to be around 16 km per hour and the wind direction will be from South West direction.

Agro Advisory

Crop	Stage	Advisory
General		<p>Light rainfall along with wind speed @ 8-16 kmph is expected during this week.</p> <p>Irrigation may be postponed to the crops based on soil moisture.</p> <p>By utilizing the rainfall planting of tree crops may be initiated in pits dug and cured for a week.</p>
Rice	Sowing	<p>Light rainfall is expected and hence maintain thin film of water to avoid seed displacement in nursery and seedling displacement in recently planted main field.</p> <p>Postpone the transplanting of rice, since chances for uprooting of transplanted seedlings due to rain.</p> <p>The expected temperature is favourable for sucking pest incidence in the rice nursery field. Hence, monitor for the pest infestation and if needed spray 5% neem seed kernel extract.</p>
Maize	Sowing	<p>By utilizing the rainfall, irrigated maize and sunflower may be sowing as June is best season for sowing.</p> <p>In non-intercropped Maize crops, apply pre emergence weedicide Atrazine @ 400g/acre in 200 liters of water, within 3 days after sowing.</p>
Small millets		<p>Considering the anticipated rainfall sowing of small millets may be taken up in the foothills of western ghats areas.</p>
Fodder Sorghum	Vegetative	<p>By utilizing expected rainfall, topdressing with nitrogen to fodder sorghum is advised.</p>
Groundnut	Vegetative	<p>Considering the anticipated rainfall gypsum @ 400 kg / ha may be incorporated in the 40 days old groundnut of Pollachi taluk.</p>
Gourd	Land preparation	<p>By utilizing the last week rain and anticipated rain during this week, gourds vegetables may be sown in pits.</p>
Banana		<p>Even though average wind speed expected is 16 kmph. However instantaneous wind speed may be exceeding 10 kmph. Hence farmers are requested to provide propping to the banana crop which is more than 8 months old.</p>
Turmeric		<p>Since rainfall is expected, irrigation may be postponed to all irrigated crops, especially turmeric and provide drainage.</p>
Grape		<p>June is the best time for pruning in monsoon grape crop. Weak and immature branches should be pruned without damaging in vines.</p>

Coconut		By utilizing rainfall, apply fertilizer for coconut @ 650 gm urea, 1kg SuPo ₄ , 1kg MOP and 2kg Neem cake along with 50kg FYM. Provide inward basin in around the coconut trees to harvest rainwater in root zone.
Animal		Matitis disease may come to milch animals. Clean the under with 1 % potassium permanganate solution, before and after milking. Since Wind speed of 8 - 16 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

- This is the best time for application of fertilizer in a semicircle basin urea @ 650g+1kg super phosphate & KCL along with 50 FYM.

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