



Tamil Nadu Agricultural University
&
India Meteorological Department
Agromet Advisory Bulletin for the Virudhunagar district
Bulletin No. 046/2022 Issued on 10.06.2022
(From 11th June 2022 to 15th June 2022)



Issued jointly by AMFU Unit, Agricultural Research Station, Kovilpatti,
TNAU & IMD

Weather Summary for the period since the issue of last bulletin 45 (07.06.2022) for Tamil Nadu. Maximum temperature ranged on 30-40°C and minimum temperature ranged on 21-30°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged on 17-21°C and minimum temperature ranged on 10-13°C. During this period wide spread distribution with very light to moderate intensity of rainfall was recorded in Tamil Nadu on 07.06.2022 and for next two days it was dry.

Weather Summary for Virudhunagar district

Past week weather Summary (07.06.2022 to 09.06.2022)			Weather Parameters	Ensemble weather forecast valid until 08:30 hrs of 15.06.2022				
Day 1 07/06	Day 2 08/06	Day 3 09/06		Day 1 11/06	Day 2 12/06	Day 3 13/06	Day 4 14/06	Day 5 15/05
1.1	0.0	2.4	Rainfall (mm)	0	0	3	0	0
37	34	39	Max. Temp. (°C)	36	36	36	36	36
25	25	26	Min. Temp. (°C)	28	28	28	28	28
7	4	4	Cloud cover (Octa)	3	4	5	3	3
84	61	56	Relative humidity - Mor. (%)	70	70	70	70	70
51	42	50	Relative humidity - Eve. (%)	55	55	55	55	55
10	4	11	Wind speed (kmph)	12	12	12	12	10
290/W NW	70/ENE	180/S	Wind direction (dd)	200/SS W	230/SW	230/S W	200/SSW	200/SSW

Weather forecast for next five days: 11.06.2022 to 15.06.2022

According to district forecast issued by the India Meteorological Department for Virudhunagar district, sky condition will be partly to generally cloudy. Very light rainfall is predicted on day 3 (13.06.2022). The Maximum temperature is expected to be around 36°C and Minimum temperature is expected to be around 28°C. Morning relative humidity is expected to be around 70 per cent and evening relative humidity is expected to be around 55 per cent. 24-hour wind speed is expected to be around 10-12 km per hour and the wind direction will be from South South West and Southwest direction.

Agromet Advisory

Crop/ Ecosystem	Stage / Activities	Advisories
Irrigated crops	Water management	<input type="checkbox"/> Very light rainfall is predicted on day 3 (13.06.2022). <input type="checkbox"/> Increase in minimum temperature is predicted for next five days, hence crop to be irrigated on regular basis. <input type="checkbox"/> However, irrigation may be planned based on the regular monitoring of meghdoot software for weather forecast as South West monsoon started.
Irrigated condition	Pre sowing operation	As the south west monsoon started, farmers are advised to plan for sowing based on the receipt of rainfall.
Agricultural/ Horticultural crops	Spraying/ Fertilizer	Based on the local weather prevail, spraying of chemicals and fertilizer application may be done.
Dry land		Farmers are requested to practice the summer ploughing based on the receipt of rainfall.
Sapota	Fruiting stage	Prevailing weather is conducive for Leaf Spot diseases. The disease is characterized by numerous, small, pinkish to reddish brown spots with whitish centers in the leaf. Control: Spraying of <i>Mancozeb</i> (0.2%) 2 times at 15 days interval.
Brinjal	Fruit stage	Brinjal Shoot and Fruit Borer: Spraying <i>Emamectin Benzoate</i> 5 SG (Soluble granules) @ 4g/10 litre of water.
Cotton	Square formation and boll development stage	Prevailing weather condition favours the crop relation build-up of sucking insects like leaf hopper, thrips, whitefly and mealy bug in cotton. To manage the pest, spray Flonicamid 15% WG @60g/acre. Repeat the dose, 15 days after first spraying if needed.
Mango	Fruiting stage and harvest stage	Prevailing weather condition favours Mango anthracnose: This is a fungal disease. It causes leaf spot, blight die back, blossom blight and fruit rot. This pathogen affects the crop both at field and storage conditions also. Management: 1. Spray carbendazin + mancozeb (0.2%). 2. If severity is high repeat the spray at 15 days interval. 3. Before storage treat the fruits with hot water (50-55°C) for 15 minutes.

SMS: Rain: 13.06-3 mm. Irrigation, spraying may be given. Cotton - sucking insects- spray Flonicamid 15% WG @60g/acre.

Tamil Nadu

The Northern Limit of Monsoon (NLM) continues to pass through Lat. 16°N/ Long. 60°E, Lat. 16°N/ Long. 70°E, Vengurla, Chikmagalur, Bengaluru, Puducherry, Lat. 14°N/ Long. 84°E, Lat. 17.0°N/ Long. 87°E, Lat.20.0°N/89.5°E, Lat.22.0°N/90°E, Lat.25.0°N/89°E, Siliguri and 27.50°N/88°E. Southwest Monsoon has further advanced into some more parts of Karnataka. Conditions are favorable for advance of monsoon into some more parts of Karnataka, remaining parts of Tamilnadu and some parts of south Andhra Pradesh during next 48 hours. Conditions would continue to become favourable for further advance of monsoon into entire Karnataka and more parts of Andhra Pradesh during subsequent 2 days. The cyclonic circulation over east central

Arabian sea off south Konkan-Goa coasts extending upto 5.8 km above mean sea level tilting southwestwards with height persists. A trough runs from Northeast Madhya Pradesh to West central Bay of Bengal off north Andhra Pradesh coast at 0.9 km above mean sea level.		
Next five days	Weather warning	<input type="checkbox"/> Light to moderate rain is likely to occur at a few places with isolated thunderstorm over Tamilnadu, Puducherry and Karaikal area. Heavy rain is likely to occur at isolated places over Theni, Dindigul, Virudhunagar and Madurai districts of Tamilnadu on Day 1 (11.06.2022) <input type="checkbox"/> Light to moderate rain is likely to occur at a few places with isolated thunderstorm over Tamilnadu, Puducherry and Karaikal area on Day 2 (12.06.2022) and Day 3 (13.06.2022) <input type="checkbox"/> Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area on Day 4 (14.06.2022) and Day 5 (15.06.2022).
	Heavy Rainfall Warning	Day 1 (10.06.2022): Heavy rain is likely to occur at isolated places over Theni, Dindigul, Virudhunagar and Madurai districts of Tamilnadu.
	Thunderstorm Warning	Day 1 (11.06.2022) to Day 3(13.06.2022): Thunderstorm with lightning is likely to occur at isolated places over Tamilnadu, Puducherry and Karaikal area.
Extended range of forecast		Week 2 (17.06.2022 to 23.06.2022): during this week rainfall for Tamil Nadu will be above normal.

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