



Tamil Nadu Agricultural University
&
India Meteorological Department
Agromet Advisory Bulletin for the Virudhunagar district
Bulletin No. 043/2022 Issued on 31.05.2022
(From 01st June 2022 to 05th June 2022)



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

Weather Summary for the period since the issue of last bulletin 42 (31.05.2022) for Tamil Nadu. Maximum temperature ranged on 30-40°C and minimum temperature ranged on 22-28°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged on 17-22°C and minimum temperature ranged on 7-12°C. During this period wide spread distribution with very light to moderate intensity of rainfall was recorded in Tamil Nadu.

Weather Summary for Virudhunagar district

Past week weather Summary (27.05.2022 to 30.05.2022)				Weather Parameters	Ensemble weather forecast valid until 08:30 hrs of 05.05.2022				
Day 1 27/05	Day 2 28/05	Day 3 29/05	Day 4 30/05		Day 1 01/06	Day 2 02/06	Day 3 03/06	Day 4 04/06	Day 5 05/05
1.6	3.4	0.2	4.0	Rainfall (mm)	0	0	0	6	3
38	37	38	37	Max. Temp. (°C)	36	36	36	35	35
25	24	24	25	Min. Temp. (°C)	26	25	25	25	25
5	5	5	5	Cloud cover (Octa)	6	6	6	6	6
62	73	65	70	Relative humidity - Mor. (%)	80	80	80	80	80
64	48	82	68	Relative humidity - Eve. (%)	40	40	40	40	40
5	4	5	9	Wind speed (kmph)	6	6	8	8	8
320/NE	70/E	360/N	180/S	Wind direction (dd)	200/S	200/S	200/S	230/SW	230/SW

Weather forecast for next five days: 01.06.2022 to 05.06.2022

According to district forecast issued by the India Meteorological Department for Virudhunagar district, sky condition will be generally cloudy. Light rainfall is predicted on day 4 (04.06.2022) and day 5 (05.06.2022). The Maximum temperature is expected to be around 35-36°C and Minimum temperature is expected to be around 25-26°C. Morning relative humidity is expected to be around 80 per cent and evening relative humidity is expected to be around 40 per cent. 24-hour wind speed is expected to be around 6-8 km per hour and the wind direction will be from South and Southwest direction.

Agromet Advisory

Crop/ Ecosystem	Stage / Activities	Advisories
Irrigated crops	Water management	<input type="checkbox"/> Light rainfall is predicted on day 4 (04.06.2022) and day 5 (05.06.2022). Irrigate the crop. <input type="checkbox"/> However, irrigation may be planned based on the regular monitoring of 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.
Agricultural/ Horticultural crops	Spraying/ Fertilizer	Based on the local weather, spraying of chemicals and fertilizer application may be done.
Dry land		Farmers are requested to practice the summer ploughing.
Irrigated Paddy	Tillering stage	Based on the local weather, fertilizer application may be planned.
Irrigated Groundnut	Vegetative stage	Based on the local weather irrigation may be planned and also proper drainage channel may be provided.
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	Vegetative stage	Cotton Stem Weevil – Drenching of collar region with <i>Chlorpyrifos</i> -50 EC @ 2ml/ litre of water on 15 th day after germination, same will be followed on 30 th day after germination followed by Earthing-up.

SMS: Rain: 04&05.06-6&3 mm. Irrigation, spraying may be given. Cotton - Stem Weevil - Drenching of collar region with *Chlorpyrifos* -50 EC @ 2ml/ litre.

Tamil Nadu		
Southwest Monsoon has advanced over some more parts of Karnataka, entire Kerala, some more parts of Tamil Nadu, some more parts of southwest Bay of Bengal and some parts of Westcentral Bay of Bengal.		
Next five days	Weather warning	<input type="checkbox"/> Thunderstorm with light to moderate rain at a few places is likely to occur over Tamilnadu, Puducherry and Karaikal area on Day 1 (01.06.2022). <input type="checkbox"/> Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore, Tiruppur, Dindigul, Erode, Krishnagiri, Dharmapuri, Salem, Namakkal and Karur districts of Tamilnadu Day 1 (01.06.2022). <input type="checkbox"/> Thunderstorm with light to moderate rain at a few places is likely to occur over Tamilnadu, Puducherry and Karaikal area on Day 2 (02.06.2022).

		<input type="checkbox"/> Light to moderate rain is likely to occur at a few places over Tamilnadu, Puducherry and Karaikal area Day 3 (03.06.2022). <input type="checkbox"/> Light to moderate rain is likely to occur at isolated places over Tamilnadu, Puducherry and Karaikal area Day 4 (04.06.2022) and Day 5 (05.06.2022).
	Heavy Rainfall Warning	Day 1(31.05.2022): Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore, Tiruppur, Dindigul, Erode, Krishnagiri, Dharmapuri, Salem, Namakkal and Karur districts of Tamilnadu.
	Thunderstorm Warning	Day 1 (01.06.2022) & Day 2 (02.06.2022): Thunderstorm with lightning is likely to occur at isolated places over Tamilnadu, Puducherry and Karaikal area.

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