



**Gramin Krishi Mausam Sewa (GKMS)  
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Tirunelveli District level AAB No. 006/2024 Day & Date: Friday & 19.01.2024

(Observed weather during last week Dated 12 <sup>th</sup> January 2024 to 18 <sup>th</sup> January, 2024)							Weather Parameters / Date	Weather forecast (Valid from 20 <sup>th</sup> January 2024 to 8:30 hrs of 24 <sup>th</sup> January 2024)				
12/01	13/01	14/01	15/01	16/01	17/01	18/01		Day 1 20/01	Day 2 21/01	Day 3 22/01	Day 4 23/01	Day 5 24/01
3.9	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	2	1	0	0	0
29	30	31	31	31	31	31	Max. Temp. (°C)	31	31	32	32	33
24	23	24	24	23	23	24	Min. Temp. (°C)	23	23	21	21	23
Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Cloud cover (Octa)	generally cloudy	generally cloudy	Partly cloudy	Partly cloudy	Partly cloudy
82	81	79	82	85	84	83	Relative humidity - Mor. (%)	90	90	90	90	90
69	68	67	64	63	64	58	Relative humidity - Eve. (%)	70	60	50	50	50
0	0	0	1	0	0	2	Wind speed (kmph)	10	14	12	12	12
N	N	N	SE	N	N	SSE	Wind direction (dd)	NNE	ENE	NNE	NNE	NNE

<b>Rainfall (mm) in last week</b>	<b>Rainfall (mm) from 01/01/2024 to till dated</b>
3.9	219.2

**Weather forecast**

- The maximum temperature is likely to increase by 1°C Celsius for the next five days compared to the previous week.
- Very light rainfall is predicted next two days.
- Sky condition will be partly to generally cloudy sky.
- Wind speed is expected to be 10-14 km per hour and the wind direction will be from North-Northeast and East-Northeast direction.

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	Irrigate the crop after two days.
rainfed / irrigated crops	Relative humidity/dew	Fungicide Spray may be given to avoid diseases due to high relative humidity
Maize	Harvest stage	Farmers are requested to go with machine harvest and kept safe.
Paddy	Transplanted, Tillering, panicle initiation stage	❖ Raise Azolla as a dual crop by inoculating 500 kg/ha 7 to 10 DAT and then incorporate during weeding for the wet season crop. ❖ Apply recommended dose of N and K during tillering to avoid nutrient deficiency.
Sunflower	Heading stage	The expected weather having low cloud cover and moderate to high humidity are conducive for the incidence of head borer. To control the pest, spray 5% Neem oil or 5% Neem Seed Kernel extract before egg laying.
Sugarcane	All the stages	Farmers are requested to practice Detrashing, Heavy earthing up and propping to prevent lodging.
Livestock	Relative humidity	Farmers are requested to provide vaccination immediately.

SMS: Rain: 20&21.01:2&1 mm. Paddy - Raise Azolla and apply N and K to avoid nutrient deficiency. sunflower-head borer. spray 5% Neem oil.

<b>Tamil Nadu</b>		
Weather forecast	Next five days	<ul style="list-style-type: none"> <li>• Light to moderate rain with thunderstorm &amp; lightning is likely to occur at one or two places over South Tamil Nadu, Delta districts and Karaikal area on Day 1 (20.01.2024).</li> <li>• Dry weather is very likely to prevail over rest Tamil Nadu and Puducherry on Day 1 (20.01.2024).</li> <li>• Light to moderate rain is likely to occur at one or two places over South Tamil Nadu, Delta districts and Karaikal area on Day 2 (21.01.2024).</li> <li>• Dry weather is very likely to prevail over rest Tamil nadu and Puducherry on Day 2 (21.01.2024).</li> <li>• Dry weather is very likely to prevail over Tamil nadu, Puducherry &amp; Karaikal area from to Day 3 (22.01.2024) to Day 5 (24.01.2024).</li> </ul>
Extended range weather forecast		<ul style="list-style-type: none"> <li>• Week (26-01-2024 to 01-02-2024): Generally dry condition is likely over Tamil Nadu, Puducherry and Karaikal.</li> </ul>

**Professor and Head  
Agricultural Research Station  
Kovilpatti**