



**Gramin Krishi Mausam Sewa (GKMS)**  
**Agromet Field Unit (AMFU)**  
 Agricultural Research Station, TNAU, Kovilpatti - 628 501  
 Email: [agmet\\_arskpt@yahoo.co.in](mailto:agmet_arskpt@yahoo.co.in), [amfukovilpatti@gmail.com](mailto:amfukovilpatti@gmail.com)



Thoothukudi District level AAB No. 017/2024 Day & Date: Tuesday & 27.02.2024

Observed weather for the period 20 <sup>th</sup> to 26 <sup>th</sup> February, 2024							Weather Parameters / Date	Weather forecast (Valid from 28 <sup>th</sup> February 2024 to 8:30 hrs of 03 <sup>rd</sup> March 2024)				
20/02	21/02	22/02	23/02	24/02	25/02	26/02		Day 1 28/02	Day 2 29/02	Day 3 01/03	Day 4 02/03	Day 5 03/03
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	1	1	1	0	0
31	32	31	32	32	33	31	Max. Temp. (°C)	34	34	34	35	35
25	25	25	26	25	27	25	Min. Temp. (°C)	26	25	26	26	26
Clear sky	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Cloud cover (Octa)	Generally cloudy	Mainly cloudy	Generally cloudy	Generally cloudy	Partly cloudy
84	83	85	82	85	86	85	Relative humidity - Mor. (%)	80	80	80	80	70
77	78	78	78	74	76	71	Relative humidity - Eve. (%)	40	40	40	30	30
3	1	2	1	1	2	3	Wind speed (kmph)	20	16	18	12	10
ESE	SSE	S	ESE	ESE	E	E	Wind direction (dd)	ENE	ENE	ENE	ENE	E

Rainfall (mm) in last week	Rainfall (mm) from 01/01/2023 to till dated
0.0	31.0

**Weather forecast**

- The maximum temperature is likely to increase 2°C compared to the previous week.
- Very light rainfall is predicted for the next three days.
- Sky condition will be partly to mainly cloudy sky.
- Wind speed is expected to be 10-20 km per hour and the wind direction will be from South-Southeast, East and East-Northeast direction.

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	Very light rainfall is predicted for the next three days. However, farmers are request to irrigate the crop.
Plant protection	Relative humidity/ dew	High relative humidity and moderate wind speed may increase the disease spread. Hence, spray fungicide to avoid diseases spread.
	Spraying	Chance for rainfall, plan spray based on the local weather and incidence spread.
Cotton	boll formation & Maturation stage	If rainfall not recorded, Spray Phosalone 35% EC@ 2.5 l/ ha or Quinalphos 25 EC@ 2.0 l/ha (or) Emamectin benzoate 5% SG 190-220 g/ha to control boll worm incidence.
Paddy	Tillering, panicle initiation stage	If the location has chance for receipt of rainfall avoid spraying or else go for protection measures given below. <ul style="list-style-type: none"> <li>• Prevailing weather may persist with Leaf folder (or) leaf roller. To control spray Chlorantraniliprole 18.5% SC 60 g/ac.</li> <li>• Prevailing weather may persist with Yellow Stem Borer stemborer. Spray Chlorantraniliprole 18.5% SC 60 ml/ac.</li> </ul>
Chilli	Fruit formation	If the location has chance for receipt of rainfall avoid spraying or else go for protection measures given below. <ul style="list-style-type: none"> <li>• Dry weather may induce Tobacco Cutworm in Chilli. Spray with Spinosad 45% SC 3.2ml/10 litre of water (or) Emamectin benzoate 5% SG 4g/10lit.</li> <li>• Under dry weather noticed Anthracnose. To control spray captan 0.2 %. (or) Neem oil.</li> <li>• Dry weather induces thrips incidence. to control spray with Spinosad 45% SC 3.2ml/10 litre of water.</li> </ul>
Livestock	Goat	Goat pox: A Serious viral disease of goats commonly occurring in summer. The disease spread by direct contact and contaminated feed and water. Prevention: Annual revaccination should be done at the time of Feb-March. Treatment: Boric acid and glycerin paste can be applied over the skin lesions.3. Antibiotics should

be given for 3-5 days. Contact near by Veterinary hospital.

SMS: Rain: 28-01.03-1,1&1 mm. Provide irrigation. Chilli- Anthracnose - spray captan 0.2 %. (or) Neem oil.

### Tamil Nadu

A trough runs from South Interior Karnataka to Madhya Maharashtra across Konkan at 0.9 km above mean sea level.

Yesterday's trough from Eastcentral Arabian Sea to Southwest Madhya Pradesh now runs from northeast Arabian Sea to East Rajasthan across central parts of Gujarat at 0.9 km above mean sea level.

Weather forecast	Next five days	
		<ul style="list-style-type: none"><li>• Light rain is likely to occur at one or two places over Coastal Tamilnadu, Puducherry and Karaikal area on Day 1 (28-02-2024).</li><li>• Dry weather is very likely to prevail over Interior Tamilnadu on Day 1 (28-02-2024).</li><li>• Dry weather is very likely to prevail over Tamilnadu, Puducherry &amp; Karaikal area from Day 2 (29-02-2024) to Day 5 (03-03-2024).</li></ul>

**Professor and Head  
Agricultural Research Station  
Kovilpatti**