



# Agromet Advisory Bulletin for the Chennai District

Bulletin no. 101/2023 Issued on 19.12.2023

(20.12.2023-24.12.2023)

Issued jointly by

Tamil Nadu Veterinary and Animal Sciences University  
& India Meteorological Department



## Weather Summary for the period since the issue of last bulletin for Chennai.

During past four days around Chennai area, the sky was mostly clear. Maximum temperature was 27.0-30.0°C and Minimum temperature was 25.0°C. Wind speed was 03-09 km per hour. Relative humidity was recorded between 69-96 %.

Past week Summary (15.12.2023-18.12.2023)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 24.12.2023				
15.12.2023	16.12.2023	17.12.2023	18.12.2023		Date	20.12.2023	21.12.2023	22.12.2023	23.12.2023
0.0	9.7	0.0	0.0	Rainfall (mm)	2	0	0	0	0
30	27	30	30	Max. Temp. (°C)	30	30	31	31	32
25	25	25	25	Mini. Temp. (°C)	24	25	25	26	26
84	96	80	72	Maximum RH %	90	90	90	80	90
95	77	76	69	Minimum RH %	60	60	50	50	70
Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Cloud cover Octa	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky
North East	North East	East North East	North East	Wind direction	North East	North East	East North East	North East	North East
4	3	6	9	Wind speed Kmp	16	18	16	16	20

## Weather Summary for Chennai district

### Weather forecast for next five days: (20.12.2023-24.12.2023)

According to district forecast issued by the India Meteorological Department for Chennai district, sky will be mostly clear. Maximum temperature is expected to be around 30.0-32.0°C. Minimum temperature is expected to be around 24.0-26.0°C. Morning relative humidity is expected to be around 80-90 per cent and evening relative humidity is expected to be around 50-70 per cent. Wind speed is expected to be around 16-20 km per hour and the wind direction will be from North East.

### SMS Advisory:

(20.12.2023-24.12.2023) Light to moderate rain is likely to occur at one or two places over Tamilnadu,

## **Livestock Advisory**

1. Livestock must be give medicated bath to avoid ectoparasite infestation. Moreover dipping must be done on a sunny day.
2. Scabies affected rabbits must be isolated and treated. The cage must be disinfected with flame gun.
3. The surplus fodder available must be preserved as silage for summer feeding.
4. Newly born piglets must be protected from cold drafts
5. The livestock must be provided in clean wholesome drinking water
6. To prevent the methane and ammonia accumulation in pig sty provision of proper ventilation is necessary.
7. To prevent water stagnation proper drainage must be provided in livestock shelter.
8. The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age).
9. Add 5% shell grit in laying hens for optimum egg production.

*Nodal Officer (GKMS)  
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**Agromet Advisory Bulletin for the Thiruvannamalai District**  
**Bulletin no. 101/2023 Issued on 19.12.2023**  
**(20.12.2023-24.12.2023)**



Issued jointly by  
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**& India Meteorological Department**

**Weather Summary for the period since the issue of last bulletin for TVMalai .**

During past four days around TVMalai area, the sky was mostly clear. Maximum temperature was 26.0-29.0°C and Minimum temperature was 21.0-22.0°C. Wind speed was 00-03 km per hour. Relative humidity was recorded between 72-96 %.

Past week Summary (15.12.2023-18.12.2023)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 24.12.2023				
15.12.2023	16.12.2023	17.12.2023	18.12.2023		Date	20.12.2023	21.12.2023	22.12.2023	23.12.2023
0.0	6.2	0.0	0.0	Rainfall (mm)	0	0	0	0	0
29	26	27	28	Max. Temp. (°C)	28	28	29	29	29
21	22	22	22	Mini. Temp. (°C)	21	21	22	22	22
86	96	96	93	Maximum RH %	90	90	90	90	90
93	87	77	72	Minimum RH %	60	50	50	50	70
Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Cloud cover Octa	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky
		East	East	Wind direction	North North East	North East	North East	North East	North North East
0	0	3	3	Wind speed Kmp	14	10	10	10	12

**Weather Summary for TVMalai district**

**Weather forecast for next five days: (20.12.2023-24.12.2023)**

According to district forecast issued by the India Meteorological Department for TVMalai district, sky will be mostly clear. Maximum temperature is expected to be around 28.0-29.0°C. Minimum temperature is expected to be around 21.0-22.0°C. Morning relative humidity is expected to be around 90 per cent and evening relative humidity is expected to be around 50-70 per cent. Wind speed is expected to be around 10-14 km per hour and the wind direction will be from North North East.

**SMS Advisory:**

(20.12.2023-24.12.2023) Light to moderate rain is likely to occur at one or two places over Tamilnadu,

**Livestock Advisory:**

1. Livestock must be give medicated bath to avoid ectoparasite infestation. Moreover dipping must be done on a sunny day.
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3. The surplus fodder available must be preserved as silage for summer feeding.
4. Newly born piglets must be protected from cold drafts

5. The livestock must be provided in clean wholesome drinking water
6. To prevent the methane and ammonia accumulation in pig sty provision of proper ventilation is necessary.
7. To prevent water stagnation proper drainage must be provided in livestock shelter.
8. The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age).
9. Add 5% shell grit in laying hens for optimum egg production.

### **Agricultural advisory**

#### **Rice:**

Drain the excess water if young seedlings are completely affected by cyclonic storm and replant the same variety to maintain the crop population.

#### **Groundnut:**

Drain out excess water in groundnut field and resowing of same variety in cyclone affected fields.

#### **Redgram:**

Foliar spray of TNAU Pulse Wonder @ 2 kg/acre in 200 litres of water at flower initiation stage decreases flower shedding, increases yield.

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**Agromet Advisory Bulletin for the Villupuram District**  
**Bulletin no. 101/2023 Issued on 19.12.2023**  
**(20.12.2023-24.12.2023)**



Issued jointly by  
**Tamil Nadu Veterinary and Animal Sciences University**  
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**Weather Summary for the period since the issue of last bulletin for Villupuram.**

During past four days around Villupuram area, the sky was mostly clear. Maximum temperature was 27.0-29.0°C and Minimum temperature was 23.0-25.0°C. Wind speed was 02-07 km per hour. Relative humidity was recorded between 74-95 %.

Past week Summary (15.12.2023-18.12.2023)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 24.12.2023				
15.12.2023	16.12.2023	17.12.2023	18.12.2023		Date	20.12.2023	21.12.2023	22.12.2023	23.12.2023
0.0	0.8	0.9	0.2	Rainfall (mm)	0	0	0	0	0
29	27	28	29	Max. Temp. (°C)	29	30	30	30	31
24	23	25	24	Mini. Temp. (°C)	23	23	23	23	23
95	93	87	90	Maximum RH %	80	90	90	90	90
90	87	77	74	Minimum RH %	60	50	50	50	70
Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Cloud cover Octa	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky
North	East North East	North East	North East	Wind direction	North North East	North North East	North East	North East	North North East
2	4	7	2	Wind speed Kmp	18	16	10	12	16

**Weather Summary for Villupuram district**

**Weather forecast for next five days: (20.12.2023-24.12.2023)**

According to district forecast issued by the India Meteorological Department for Villupuram district, sky will be mostly clear. Maximum temperature is expected to be around 29.0-31.0°C. Minimum temperature is expected to be around 23.0°C. Morning relative humidity is expected to be around 80-90 per cent and evening relative humidity is expected to be around 50-70 per cent. Wind speed is expected to be around 10-18 km per hour and the wind direction will be from North North East.

**SMS Advisory:**

(20.12.2023-24.12.2023) Light to moderate rain is likely to occur at one or two places over Tamilnadu,

**Livestock Advisory:**

1. Livestock must be give medicated bath to avoid ectoparasite infestation. Moreover dipping must be done on a sunny day.
2. Scabies affected rabbits must be isolated and treated. The cage must be disinfected with flame gun.
3. The surplus fodder available must be preserved as silage for summer feeding.
4. Newly born piglets must be protected from cold drafts

5. The livestock must be provided in clean wholesome drinking water
6. To prevent the methane and ammonia accumulation in pig sty provision of proper ventilation is necessary.
7. To prevent water stagnation proper drainage must be provided in livestock shelter.
8. The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age).
9. Add 5% shell grit in laying hens for optimum egg production.

### **Agricultural advisory**

#### **Rice:**

Due to prevailing weather conditions leaf folder and stem borer infestation found in paddy crop. To manage them, spray carbosulfan 400 ml/ac or cartap hydrochloride 600 g/ac during morning or evening hours.

Due to prevailing weather conditions favorable, blast infection is found in paddy crop. To manage the blast, spray tricyclazole 75% WP 200 g/acre or carbendazim 50WP @ 200g/acre (or) azoxystrobin 25 SC @ 200 ml/acre at morning or evening time.

#### **Cotton:**

Due to prevailing weather conditions, there are chances of cotton root rot infection. To control spot drench with carbendazim 1.0 g/l.

#### **Cashew:**

To control tea mosquito bug first spraying with thiamethoxam 25% WG (100 g/ha) at flushing stage, second spraying with chlorpyrifos 2.0 ml/lit at flowering and third spraying with profenophos 1.0 ml/lit at fruit set stage.

#### **Banana:**

Prevailing weather condition is favorable for sigatoka leaf spot infection in banana. To control spray carbendazim 1.0 g/l or propiconazole 1.0 ml/l or mancozeb 2.5 g/l and sticking agent 1.0 ml/l at 10-15 day intervals.

Prevailing weather condition is favorable for panama wilt and nematode infection in banana. To control apply *Bacillus subtilis* 1.0 kg/ha + Paecilomyces lilacinus 1.0 kg/ha at 2, 4 and 6<sup>th</sup> months of planting.

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**Agromet Advisory Bulletin for the Kancheepuram District**  
**Bulletin no. 101/2023 Issued on 19.12.2023**  
**(20.12.2023-24.12.2023)**



Issued jointly by  
**Tamil Nadu Veterinary and Animal Sciences University**  
**& India Meteorological Department**

**Weather Summary for the period since the issue of last bulletin for Kancheepuram.**

During past four days around Kancheepuram area, the sky was mostly clear. Maximum temperature was 27.0-30.0°C and Minimum temperature was 23.0-25.0°C. Wind speed was 06-08 km per hour. Relative humidity was recorded between 69-95%.

Past week Summary (15.12.2023-18.12.2023)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 24.12.2023				
15.12.2023	16.12.2023	17.12.2023	18.12.2023		Date	20.12.2023	21.12.2023	22.12.2023	23.12.2023
0.0	8.5	0.0	0.0	Rainfall (mm)	2	0	0	0	0
30	27	30	30	Max. Temp. (°C)	30	30	31	31	31
24	23	24	25	Mini. Temp. (°C)	23	23	23	23	23
84	93	81	72	Maximum RH %	90	90	90	80	90
95	80	72	69	Minimum RH %	60	50	50	50	70
Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Cloud cover Octa	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky
North North West	North	North East	North East	Wind direction	North North East	North North East	North East	North East	North North East
6	8	7	8	Wind speed Kmp	16	14	12	12	16

**Weather Summary for Kancheepuram district**

**Weather forecast for next five days: (20.12.2023-24.12.2023)**

According to district forecast issued by the India Meteorological Department for Kancheepuram district, sky will be mostly clear. Maximum temperature is expected to be around 30.0-31.0°C. Minimum temperature is expected to be around 23.0°C. Morning relative humidity is expected to be around 80-90 per cent and evening relative humidity is expected to be around 50-70 per cent. Wind speed is expected to be around 12-16 km per hour and the wind direction will be from North North East.

**SMS Advisory:**

(20.12.2023-24.12.2023) Light to moderate rain is likely to occur at one or two places over Tamilnadu,

## **Livestock Advisory:**

1. Livestock must be give medicated bath to avoid ectoparasite infestation. Moreover dipping must be done on a sunny day.
2. Scabies affected rabbits must be isolated and treated. The cage must be disinfected with flame gun.
3. The surplus fodder available must be preserved as silage for summer feeding.
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7. To prevent water stagnation proper drainage must be provided in livestock shelter.
8. The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age).
9. Add 5% shell grit in laying hens for optimum egg production.

## **Agricultural advisory**

### **Rice:**

Farmers may protect rice Nursery from heavy rainfall by creating proper drainage facility and advised to raise the seedlings in raised bed nursery system or mat nursery. There are possibilities of Blast disease infestation in paddy crops. For management farmers may spray Carbendazim or Tricyclazole @ 1 g /lit of water. There are possibilities of Sheath Rot infestation in paddy. If farmers are observed Discoloration in the flag leaf sheath and Rotting, farmers may spray Hexaconazole 75% WG @ 100 mg/ lit twice at 15 days interval

### **Sugarcane:**

To avoid the side shoot germination from internodes in sugarcane farmers may detrash the sugarcane and advised to go for double line propping with trash twist.

### **Banana:**

Farmers are advised to prop their banana aged above five months to avoid crop lodging.

### **Mango:**

Farmers are advised to prun the excess tree branches to avoid damage in fruit trees.

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