



Agromet Advisory Bulletin for the Chennai District

Bulletin no. 015/2025 Issued on 21.02.2025

(22.02.2025-26.02.2025)

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 three days around Chennai area, the sky was mostly clear. Maximum temperature was 31.0-32.0°C and Minimum temperature was 23.0°C. Wind speed was 02-05 km per hour. Relative humidity was recorded between 63-81 %.

Past week Summary (18.02.2025-20.02.2025)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 26.02.2025				
18.02.2025	19.02.2025	20.02.2025	Date	22.02.2025	23.02.2025	24.02.2025	25.02.2025	26.02.2025
0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
32	32	31	Max. Temp. (°C)	31	31	31	32	32
23	23	23	Mini. Temp. (°C)	23	23	23	24	24
79	77	81	Maximum RH (%)	77	77	77	81	81
63	66	68	Minimum RH (%)	63	63	63	68	68
Partly cloudy	Partly cloudy	Partly cloudy	Cloud cover (Octa)	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy
South East	South South East	East North East	Wind direction (Degree)	North East	North East	East North East	East	East North East
5	2	2	Wind speed Kmp	10	10	10	14	14

Weather Summary for Chennai district

Weather forecast for next five days: (22.02.2025-26.02.2025)

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 31.0-32.0°C. Minimum temperature is expected to be around 23.0-24.0°C. Morning relative humidity is expected to be around 77-81 per cent and evening relative humidity is expected to be around 63-68 per cent. Wind speed is expected to be around 10-14 km per hour and the wind direction will be from East North East.

SMS Advisory:

(22.02.2025-26.02.2025) Mist/ Haze conditions are very likely to prevail at isolated pockets of Tamil Nadu during morning hours.

Livestock Advisory:

1. Till the inclement weather the livestock must not be allowed for grazing in early morning hours.
2. Drinking water must be warmed to body temperature so as to avoid drip in body temperature.
3. The livestock must be provided with vitamins and mineral supplementation to maintain good health during cold weather.
4. Antibiotics, oral rehydration solution, intravenous fluids must be stored in handy during emergency

5. Pregnant animals nearing parturition should be housed separately in clean dry shelter and must be protected from cold stress by covering the side walls
6. The young calf shed must be adequately bedded to prevent cold stress which is very detrimental to the young stock
7. Rabbit may be allowed by mating now due to conducive environment rabbit will kindle more bunnies during these months due to which necessary reproductive management must be followed.
8. Newly born piglets must be protected from cold drafts
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.

The forecasted weather may cause stem borer and leaf folder infestation in rice crop. The farmers are advised to monitor the field, if symptoms are observed it's advised to spray Chlorantraniliprole 18.5% 150 ml/ha.

Groundnut:

Due to prevailing weather conditions, there are chances of tobacco caterpillar in groundnut. To control install pheromone trap 5 nos/ac. Spray flubendiamide 20 WG 120 gram/ac or Quinalphos 20 AF @ 500ml/ac.

Blackgram:

Farmers are advised to treat the seeds with *Trichoderma viride* @ 4g/kg of seed (or) *Pseudomonas fluorescens* @ 10 g/kg seed before sowing.

Brinjal:

Application of 1.5% foliar spray of PPFM at the flowering stage in Brinjal, will prevent the premature falling of flowers and increase the numbers and quality of fruits.

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 6th months of planting.

Nodal Officer (GKMS)
Professor and Head,
Department of Livestock Production Management
Madras Veterinary College, Chennai - 7



Agromet Advisory Bulletin for the Tiruvallur District

Bulletin no. 015/2025 Issued on 21.02.2025

(22.02.2025-26.02.2025)

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 Tiruvallur.

During past three days around Tiruvallur area, the sky was mostly clear. Maximum temperature was 31.0-32.0°C and Minimum temperature was 23.0°C. Wind speed was 02-05 km per hour. Relative humidity was recorded between 63-81 %.

Past week Summary (18.02.2025-20.02.2025)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 26.02.2025				
18.02.2025	19.02.2025	20.02.2025	Date	22.02.2025	23.02.2025	24.02.2025	25.02.2025	26.02.2025
0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
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23	23	23	Mini. Temp. (°C)	23	23	23	24	24
79	77	81	Maximum RH (%)	77	77	77	81	81
63	66	68	Minimum RH (%)	63	63	63	68	68
Partly cloudy	Partly cloudy	Partly cloudy	Cloud cover (Octa)	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy
South East	South South East	East North East	Wind direction (Degree)	North East	North East	East North East	East	East North East
5	2	2	Wind speed Kmp	10	10	10	14	14

Weather Summary for Tiruvallur district

Weather forecast for next five days: (22.02.2025-26.02.2025)

According to district forecast issued by the India Meteorological Department for Tiruvallur district, sky will be mostly clear. Maximum temperature is expected to be around 31.0-32.0°C. Minimum temperature is expected to be around 23.0-24.0°C. Morning relative humidity is expected to be around 77-81 per cent and evening relative humidity is expected to be around 63-68 per cent. Wind speed is expected to be around 10-14 km per hour and the wind direction will be from East North East.

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7. Rabbit may be allowed by mating now due to conducive environment rabbit will kindle more bunnies during these months due to which necessary reproductive management must be followed.
8. Newly born piglets must be protected from cold drafts
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.

The forecasted weather may cause stem borer and leaf folder infestation in rice crop. The farmers are advised to monitor the field, if symptoms are observed it's advised to spray Chlorantraniliprole 18.5% 150 ml/ha.

Groundnut:

Due to prevailing weather conditions, there are chances of tobacco caterpillar in groundnut. To control install pheromone trap 5 nos/ac. Spray flubendiamide 20 WG 120 gram/ac or Quinalphos 20 AF @ 500ml/ac.

Blackgram:

Farmers are advised to treat the seeds with *Trichoderma viride* @ 4g/kg of seed (or) *Pseudomonas fluorescens* @ 10 g/kg seed before sowing.

Brinjal:

Application of 1.5% foliar spray of PPFM at the flowering stage in Brinjal, will prevent the premature falling of flowers and increase the numbers and quality of fruits.

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 6th months of planting.

Nodal Officer (GKMS)
Professor and Head,
Department of Livestock Production Management
Madras Veterinary College, Chennai – 7



Agromet Advisory Bulletin for the Thiruvannamalai District
Bulletin no. 015/2025 Issued on 21.02.2025
(22.02.2025-26.02.2025)



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 TVMalai .

During past three days around TVMalai area, the sky was mostly clear. Maximum temperature was 33.0-35.0°C and Minimum temperature was 19.0-21.0°C. Wind speed was 04-08 km per hour. Relative humidity was recorded between 45-86 %.

Past week Summary (18.02.2025-20.02.2025)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 26.02.2025				
18.02.2025	19.02.2025	20.02.2025		Date	22.02.2025	23.02.2025	24.02.2025	25.02.2025
0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
33	33	35	Max. Temp. (°C)	35	35	35	35	35
19	19	21	Mini. Temp. (°C)	22	22	22	22	22
84	80	86	Maximum RH (%)	80	80	80	86	86
45	50	49	Minimum RH (%)	50	50	50	45	45
Partly cloudy	Partly cloudy	Partly cloudy	Cloud cover (Octa)	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy
South South East	East North East	East North East	Wind direction (Degree)	North East	East North East	East North East	East	East North East
6	4	8	Wind speed Kmp	10	10	12	10	12

Weather Summary for TVMalai district

Weather forecast for next five days: (22.02.2025-26.02.2025)

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 35.0°C. Minimum temperature is expected to be around 22.0°C. Morning relative humidity is expected to be around 80-86 per cent and evening relative humidity is expected to be around 45-50 per cent. Wind speed is expected to be around 10-12 km per hour and the wind direction will be from East North East.

SMS Advisory:

(22.02.2025-26.02.2025) Mist/ Haze conditions are very likely to prevail at isolated pockets of Tamil Nadu during morning hours.

Livestock Advisory:

1. Till the inclement weather the livestock must not be allowed for grazing in early morning hours.
2. Drinking water must be warmed to body temperature so as to avoid drip in body temperature.
3. The livestock must be provided with vitamins and mineral supplementation to maintain good health during cold weather.
4. Antibiotics, oral rehydration solution, intravenous fluids must be stored in handy during emergency
5. Pregnant animals nearing parturition should be housed separately in clean dry shelter and must be protected from cold stress by covering the side walls
6. The young calf shed must be adequately bedded to prevent cold stress which is very detrimental to the young stock

7. Rabbit may be allowed by mating now due to conducive environment rabbit will kindle more bunnies during these months due to which necessary reproductive management must be followed.
8. Newly born piglets must be protected from cold drafts
9. Add 5% shell grit in laying hens for optimum egg production.

Agricultural advisory

Rice:

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The forecasted weather may cause stem borer and leaf folder infestation in rice crop.

The farmers are advised to monitor the field, if symptoms are observed it's advised to spray Chlorantraniliprole 18.5% 150 ml/ha.

Groundnut:

Due to prevailing weather conditions, there are chances of tobacco caterpillar in groundnut. To control install pheromone trap 5 nos/ac. Spray flubendiamide 20 WG 120 gram/ac or Quinalphos 20 AF @ 500ml/ac.

Blackgram:

Farmers are advised to treat the seeds with *Trichoderma viride* @ 4g/kg of seed (or) *Pseudomonas fluorescens* @ 10 g/kg seed before sowing.

Brinjal:

Application of 1.5% foliar spray of PPFM at the flowering stage in Brinjal, will prevent the premature falling of flowers and increase the numbers and quality of fruits.

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 6th months of planting.

Nodal Officer (GKMS)
Professor and Head,
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Madras Veterinary College, Chennai - 7



Agromet Advisory Bulletin for the Vellore District

Bulletin no. 015/2025 Issued on 21.02.2025

(22.02.2025-26.02.2025)

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 Vellore.

During past three days around Vellore area, the sky was mostly clear. Maximum temperature was 33.0-35.0°C and Minimum temperature was 19.0-21.0°C. Wind speed was 04-08 km per hour. Relative humidity was recorded between 45-86 %.

Past week Summary (18.02.2025-20.02.2025)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 26.02.2025				
18.02.2025	19.02.2025	20.02.2025	Date	22.02.2025	23.02.2025	24.02.2025	25.02.2025	26.02.2025
0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
33	33	35	Max. Temp. (°C)	35	35	35	35	35
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84	80	86	Maximum RH (%)	80	80	80	86	86
45	50	49	Minimum RH (%)	50	50	50	45	45
Partly cloudy	Partly cloudy	Partly cloudy	Cloud cover (Octa)	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy
South South East	East North East	East North East	Wind direction (Degree)	North East	East North East	East North East	East	East North East
6	4	8	Wind speed Kmp	10	10	12	10	12

Weather Summary for Vellore district

Weather forecast for next five days: (22.02.2025-26.02.2025)

According to district forecast issued by the India Meteorological Department for Vellore district, sky will be mostly clear. Maximum temperature is expected to be around 35.0°C. Minimum temperature is expected to be around 22.0°C. Morning relative humidity is expected to be around 80-86 per cent and evening relative humidity is expected to be around 45-50 per cent. Wind speed is expected to be around 10-12 km per hour and the wind direction will be from East North East.

SMS Advisory:

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9. Add 5% shell grit in laying hens for optimum egg production.

Agricultural advisory

Rice:

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The forecasted weather may cause stem borer and leaf folder infestation in rice crop.

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Blackgram:

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Brinjal:

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Banana:

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Nodal Officer (GKMS)
Professor and Head,
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Agromet Advisory Bulletin for the Villupuram District
Bulletin no. 015/2025 Issued on 21.02.2025
(22.02.2025-26.02.2025)
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 Villupuram.

During past three days around Villupuram area, the sky was mostly clear. Maximum temperature was 31.0-32.0°C and Minimum temperature was 21.0°C. Wind speed was 00-02 km per hour. Relative humidity was recorded between 66-95 %.

Past week Summary (18.02.2025-20.02.2025)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 26.02.2025				
18.02.2025	19.02.2025	20.02.2025		Date	22.02.2025	23.02.2025	24.02.2025	25.02.2025
0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
32	31	31	Max. Temp. (°C)	31	31	31	31	31
21	21	21	Mini. Temp. (°C)	22	22	22	22	22
95	88	88	Maximum RH (%)	88	88	88	85	85
66	70	72	Minimum RH (%)	66	66	66	70	70
Partly cloudy	Partly cloudy	Partly cloudy	Cloud cover (Octa)	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy
East	South East		Wind direction (Degree)	North East	North East	North East	East North East	North East
2	2	0	Wind speed Kmp	10	12	14	12	14

Weather Summary for Villupuram district

Weather forecast for next five days: (22.02.2025-26.02.2025)

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 31.0°C. Minimum temperature is expected to be around 22.0°C. Morning relative humidity is expected to be around 85-88 per cent and evening relative humidity is expected to be around 66-70 per cent. Wind speed is expected to be around 10-14 km per hour and the wind direction will be from North East.

SMS Advisory:

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Agricultural advisory

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Nodal Officer (GKMS)
Professor and Head,
Department of Livestock Production Management
Madras Veterinary College, Chennai - 7



Agromet Advisory Bulletin for the Cuddalore District

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(22.02.2025-26.02.2025)

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Weather Summary for the period since the issue of last bulletin for Cuddalore.

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Weather Summary for Cuddalore district

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Agromet Advisory Bulletin for the Kancheepuram District
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& India Meteorological Department

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

During past three days around Kancheepuram area, the sky was mostly clear. Maximum temperature was 32.0-33.0°C and Minimum temperature was 21.0-22.0°C. Wind speed was 05-11 km per hour. Relative humidity was recorded between 64-87 %.

Past week Summary (18.02.2025-20.02.2025)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 26.02.2025				
18.02.2025	19.02.2025	20.02.2025	Date	22.02.2025	23.02.2025	24.02.2025	25.02.2025	26.02.2025
0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
33	33	32	Max. Temp. (°C)	32	32	32	33	33
22	21	22	Mini. Temp. (°C)	21	21	21	22	22
85	87	82	Maximum RH (%)	82	82	82	87	87
64	69	66	Minimum RH (%)	64	64	64	69	69
Partly cloudy	Partly cloudy	Partly cloudy	Cloud cover (Octa)	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy
South East	East	East	Wind direction (Degree)	North East	East North East	North East	East North East	North East
5	11	6	Wind speed Kmp	10	10	10	12	12

Weather Summary for Kancheepuram district

Weather forecast for next five days: (22.02.2025-26.02.2025)

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 32.0-33.0°C. Minimum temperature is expected to be around 21.0-22.0°C. Morning relative humidity is expected to be around 82-87 per cent and evening relative humidity is expected to be around 64-69 per cent. Wind speed is expected to be around 10-12 km per hour and the wind direction will be from North East.

SMS Advisory:

(22.02.2025-26.02.2025) Mist/ Haze conditions are very likely to prevail at isolated pockets of Tamil Nadu during morning hours.

Livestock Advisory:

1. Till the inclement weather the livestock must not be allowed for grazing in early morning hours.
2. Drinking water must be warmed to body temperature so as to avoid drip in body temperature.
3. The livestock must be provided with vitamins and mineral supplementation to maintain good health during cold weather.
4. Antibiotics, oral rehydration solution, intravenous fluids must be stored in handy during emergency
5. Pregnant animals nearing parturition should be housed separately in clean dry shelter and must be protected from cold stress by covering the side walls

6. The young calf shed must be adequately bedded to prevent cold stress which is very detrimental to the young stock
7. Rabbit may be allowed by mating now due to conducive environment rabbit will kindle more bunnies during these months due to which necessary reproductive management must be followed.
8. Newly born piglets must be protected from cold drafts
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.

The forecasted weather may cause stem borer and leaf folder infestation in rice crop. The farmers are advised to monitor the field, if symptoms are observed it's advised to spray Chlorantraniliprole 18.5% 150 ml/ha.

Groundnut:

Due to prevailing weather conditions, there are chances of tobacco caterpillar in groundnut. To control install pheromone trap 5 nos/ac. Spray flubendiamide 20 WG 120 gram/ac or Quinalphos 20 AF @ 500ml/ac.

Blackgram:

Farmers are advised to treat the seeds with *Trichoderma viride* @ 4g/kg of seed (or) *Pseudomonas fluorescens* @ 10 g/kg seed before sowing.

Brinjal:

Application of 1.5% foliar spray of PPFM at the flowering stage in Brinjal, will prevent the premature falling of flowers and increase the numbers and quality of fruits.

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 6th months of planting.

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