



Agromet Advisory Bulletin for the Chennai District

Bulletin no. 012/2024 Issued on 09.02.2024

(10.02.2024-14.02.2024)

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 02-04 km per hour. Relative humidity was recorded between 51-85 %.

Past week Summary (06.02.2024-08.02.2024)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 14.02.2024				
06.02.2024	07.02.2024	08.02.2024		Date	10.02.2024	11.02.2024	12.02.2024	13.02.2024
0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
31	31	32	Max. Temp. (°C)	31	31	32	32	33
23	23	23	Mini. Temp. (°C)	24	23	23	24	24
79	85	82	Maximum RH %	90	90	90	90	90
68	51	70	Minimum RH %	50	50	50	50	50
clear Sky	clear Sky	clear Sky	Cloud cover Octa	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
East North East	North East	South East	Wind direction	East	North East	East North East	East North East	East
2	4	4	Wind speed Kmp	10	12	12	10	10

Weather Summary for Chennai district

Weather forecast for next five days: (07.02.2024-11.02.2024)

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 31.0-33.0°C. Minimum temperature is expected to be around 23.0-24.0°C. Morning relative humidity is expected to be around 90 per cent and evening relative humidity is expected to be around 50 per cent. Wind speed is expected to be around 10-12 km per hour and the wind direction will be from East.

SMS Advisory:

(10.02.2024-14.02.2024) Dry weather is very likely to prevail over Tamilnadu.

Livestock Advisory

1. During this month if the livestock are infested with ectoparasites care should be taken to give medicated dip during hot parts of the day and dry the animals to avoid chills.
2. The livestock must not be allowed to graze in very early morning.
3. The calving boxes must be provided with proper bedding of 10-12 to provide warmth
4. The newborn kids and lambs must be supplemented with vitamins to improve their immunity to withstand cold
5. The surplus fodder available must be preserved as silage for summer feeding.
6. Newly born piglets must be protected from cold drafts by provision of any means of heat source or piglet comfort crate
7. The livestock must be provided with clean wholesome drinking water
8. To prevent the methane and ammonia accumulation in pig sty provision of proper ventilation is necessary.
9. The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age).
10. 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. 012/2024 Issued on 09.02.2024
(10.02.2024-14.02.2024)



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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 32.0-34.0°C and Minimum temperature was 19.0-20.0°C. Wind speed was 02-05 km per hour. Relative humidity was recorded between 39-89 %.

Past week Summary (06.02.2024-08.02.2024)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 14.02.2024				
06.02.2024	07.02.2024	08.02.2024	Date	10.02.2024	11.02.2024	12.02.2024	13.02.2024	14.02.2024
0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	1
32	32	34	Max. Temp. (°C)	35	35	35	36	36
20	20	19	Mini. Temp. (°C)	21	22	22	22	23
89	87	82	Maximum RH %	90	80	90	90	90
55	44	39	Minimum RH %	40	40	40	40	40
clear Sky	clear Sky	clear Sky	Cloud cover Octa	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
East North East	East South East	South South East	Wind direction	East	East North East	East North East	East North East	East
5	2	2	Wind speed Kmp	8	10	10	8	8

Weather Summary for TVMalai district

Weather forecast for next five days: (10.02.2024-14.02.2024)

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 35.0-36.0°C. Minimum temperature is expected to be around 21.0-23.0°C. Morning relative humidity is expected to be around 80-90 per cent and evening relative humidity is expected to be around 40 per cent. Wind speed is expected to be around 08-10 km per hour and the wind direction will be from East.

SMS Advisory:

(10.02.2024-14.02.2024) Dry weather is very likely to prevail over Tamilnadu.

Livestock Advisory:

1. During this month if the livestock are infested with ectoparasites care should be taken to give medicated dip during hot parts of the day and dry the animals to avoid chills.
2. The livestock must not be allowed to graze in very early morning.
3. The calving boxes must be provided with proper bedding of 10-12 to provide warmth
4. The newborn kids and lambs must be supplemented with vitamins to improve their immunity to withstand cold
5. The surplus fodder available must be preserved as silage for summer feeding.
6. Newly born piglets must be protected from cold drafts by provision of any means of heat source or piglet comfort crate

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

Agricultural advisory

Rice:

Spray 1% PPFM and incorporate the multiplied azolla insitu in the field for decomposition to release nitrogen.

To control leaf folder, to spray chlorantraniliprole 18.5% SC @ 6mg per 10 litre of water or fipronil 2ml/litre.

Groundnut:

To increase flower retention , pod filling and to induce drought tolerance apart from yield improvement , 2 sprays of groundnut rich @ 2 kg / acre(for each spray) at 35 DAS (50 % flowering) and 45 DAS (pod development stage).

Blackgram:

To decrease flower shedding, to increase yield upto 20% and to increase drought tolerance spray TNAU pulse wonder @ 2 kg / acre at peak flowering stage in 200 litres of water.

Banana:

To control wilt in banana, apply Bacillus subtilis and Trichoderma viride @ 1 kg/acre. or drenching with Bacillus subtilis 5 ml/litre.

Brinjal:

To control sucking pests in brinjal crop, spray imidachloprid 0.3ml/litre of water.

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Agromet Advisory Bulletin for the Villupuram District
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(10.02.2024-14.02.2024)



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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 30.0-31.0°C and Minimum temperature was 22.0°C. Wind speed was 00-04 km per hour. Relative humidity was recorded between 72-95 %.

Past week Summary (06.02.2024-08.02.2024)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 14.02.2024				
06.02.2024	07.02.2024	08.02.2024		Date	10.02.2024	11.02.2024	12.02.2024	13.02.2024
0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	2
31	30	31	Max. Temp. (°C)	31	30	31	31	31
22	22	22	Mini. Temp. (°C)	22	23	22	23	23
91	90	95	Maximum RH %	90	90	90	90	90
72	73	77	Minimum RH %	50	40	40	40	50
clear Sky	clear Sky	clear Sky	Cloud cover Octa	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
East North East	East North East		Wind direction	East North East	North East	North East	North East	East North East
4	2	0	Wind speed Kmp	10	14	12	12	10

Weather Summary for Villupuram district

Weather forecast for next five days: (10.02.2024-14.02.2024)

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 30.0-31.0°C. Minimum temperature is expected to be around 22.0-23.0°C. Morning relative humidity is expected to be around 90 per cent and evening relative humidity is expected to be around 40-50 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:

(10.02.2024-14.02.2024) Dry weather is very likely to prevail over Tamilnadu.

Livestock Advisory:

1. During this month if the livestock are infested with ectoparasites care should be taken to give medicated dip during hot parts of the day and dry the animals to avoid chills.
2. The livestock must not be allowed to graze in very early morning.
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8. To prevent the methane and ammonia accumulation in pig sty provision of proper ventilation is necessary.
9. The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age).
10. Add 5% shell grit in laying hens for optimum egg production.

Agricultural advisory

Rice:

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

Greengram:

Rice fallow pulses farmers advised to treat the seed with Carbendazim @ 2.0 g/kg of seed before the sowing.

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.

Coconut:

Installation of yellow sticky traps (25 Nos./ ha) on the palm trunk to trap the adult whiteflies. Encourage buildup of parasitoids (*Encarsia* sp.) and reintroduce parasitized pupae at emerging zones of whitefly outbreak.

In sever case, spray neem oil 20 ml/l of water or spray Azadirachtin 2.0 ml/l of water with 1.0 ml of sticking agent.

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Agromet Advisory Bulletin for the Kancheepuram District
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(10.02.2024-14.02.2024)



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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 31.0-33.0°C and Minimum temperature was 21.0-22.0°C. Wind speed was 00-06 km per hour. Relative humidity was recorded between 55-85%.

Past week Summary (06.02.2024-08.02.2024)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 14.02.2024				
06.02.2024	07.02.2024	08.02.2024		Date	10.02.2024	11.02.2024	12.02.2024	13.02.2024
0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
31	31	33	Max. Temp. (°C)	32	32	33	33	33
22	21	21	Mini. Temp. (°C)	22	23	22	23	22
83	85	85	Maximum RH %	90	90	90	90	100
60	55	63	Minimum RH %	50	40	40	50	50
clear Sky	clear Sky	clear Sky	Cloud cover Octa	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
	North North East	South East	Wind direction	East North East	North East	North East	North East	East
0	4	6	Wind speed Kmp	10	10	10	8	10

Weather Summary for Kancheepuram district

Weather forecast for next five days: (10.02.2024-14.02.2024)

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 22.0-23.0°C. Morning relative humidity is expected to be around 90-100 per cent and evening relative humidity is expected to be around 40-50 per cent. Wind speed is expected to be around 08-10 km per hour and the wind direction will be from East.

SMS Advisory:

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Livestock Advisory:

1. During this month if the livestock are infested with ectoparasites care should be taken to give medicated dip during hot parts of the day and dry the animals to avoid chills.
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9. The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age).
10. Add 5% shell grit in laying hens for optimum egg production.

Agricultural advisory

Groundnut:

In groundnut there are possibilities of stemrot infestation. Infected plants may look yellowish and dry. Farmers are advised to trench soil with Carbendazim @0.5g/liter of water.

Blackgram:

There are possibilities of leaf feeding insect infestation in pulses crops. For management farmers are advised to spray dimethoate @ 0.03%.

Chilli:

Farmers those who planting the chilli seedling are advised to apply 100kg/ac of neem cake before last ploughing.

Coconut:

In coconut there are possibilities of Rugose Spiraling whitefly infestation. For management farmers are advised to take up spray of Neem oil @ 3%

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