



Agromet Advisory Bulletin for the Chennai District
Bulletin no. 013/2024 Issued on 13.02.2024
(14.02.2024-18.02.2024)
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 four days around Chennai area, the sky was mostly clear. Maximum temperature was 31.0-32.0°C and Minimum temperature was 23.0-25.0°C. Wind speed was 00-07 km per hour. Relative humidity was recorded between 65-84 %.

Past week Summary (09.02.2024-12.02.2024)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 18.02.2024				
09.02.2024	10.02.2024	11.02.2024	12.02.2024	Date	14.02.2024	15.02.2024	16.02.2024	17.02.2024	18.02.2024
0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
31	31	32	31	Max. Temp. (°C)	31	32	32	33	33
24	25	25	23	Mini. Temp. (°C)	24	24	24	24	24
84	74	69	69	Maximum RH %	80	80	90	90	90
69	68	64	65	Minimum RH %	50	50	40	40	40
clear Sky	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	East North East	North	Wind direction	East North East	East North East	North East	North East	North East
2	0	4	7	Wind speed Kmp	10	8	10	12	12

Weather Summary for Chennai district

Weather forecast for next five days: (14.02.2024-18.02.2024)

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 24.0°C. Morning relative humidity is expected to be around 80-90 per cent and evening relative humidity is expected to be around 40-50 per cent. Wind speed is expected to be around 08-12 km per hour and the wind direction will be from North East.

SMS Advisory:

(14.02.2024-18.02.2024) 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.

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Agromet Advisory Bulletin for the Thiruvannamalai District
Bulletin no. 013/2024 Issued on 13.02.2024
(14.02.2024-18.02.2024)



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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 32.0-35.0°C and Minimum temperature was 20.0-23.0°C. Wind speed was 02-03 km per hour. Relative humidity was recorded between 51-90 %.

Past week Summary (09.02.2024-12.02.2024)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 18.02.2024				
09.02.2024	10.02.2024	11.02.2024	12.02.2024		Date	14.02.2024	15.02.2024	16.02.2024	17.02.2024
0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
35	33	32	32	Max. Temp. (°C)	31	32	32	32	32
21	22	23	20	Mini. Temp. (°C)	21	22	21	21	21
90	85	90	86	Maximum RH %	90	90	90	90	90
54	60	54	51	Minimum RH %	40	40	30	30	30
clear Sky	clear Sky	clear Sky	clear Sky	Cloud cover Octa	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
East South East	East South East	East North East	East North East	Wind direction	East North East	East North East	East North East	East North East	East North East
3	2	2	2	Wind speed Kmp	8	10	12	10	12

Weather Summary for TVMalai district

Weather forecast for next five days: (14.02.2024-18.02.2024)

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 31.0-32.0°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 30-40 per cent. Wind speed is expected to be around 08-12 km per hour and the wind direction will be from East North East.

SMS Advisory:

(14.02.2024-18.02.2024) 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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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 30.0-31.0°C and Minimum temperature was 22.0-25.0°C. Wind speed was 00-05 km per hour. Relative humidity was recorded between 68-91 %.

Past week Summary (09.02.2024-12.02.2024)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 18.02.2024				
09.02.2024	10.02.2024	11.02.2024	12.02.2024		Date	14.02.2024	15.02.2024	16.02.2024	17.02.2024
0.0	0.0	0.0	0.0	Rainfall (mm)	1	0	0	0	0
30	31	31	31	Max. Temp. (°C)	31	32	31	32	32
22	24	25	23	Mini. Temp. (°C)	23	23	23	22	23
91	90	87	86	Maximum RH %	90	90	90	90	90
75	75	68	69	Minimum RH %	40	40	30	30	30
clear Sky	clear Sky	clear Sky	clear Sky	Cloud cover Octa	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
	East North East	North East		Wind direction	North East	North East	North East	North East	North East
0	2	5	0	Wind speed Kmp	10	12	12	10	14

Weather Summary for Villupuram district

Weather forecast for next five days: (14.02.2024-18.02.2024)

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 31.0-32.0°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 30-40 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:

(14.02.2024-18.02.2024) 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
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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 chances brown plant leafhopper infestation in paddy crops. Symptoms Nymphs and adults congregate at the base of the plant above the water level. Affected plant dries up and gives a scorched appearance called "hopper burn". Circular patches of drying and lodging of matured plant. To control spray pymetrozine 50% WG @ 120 g/ac with sticking agent.

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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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 31.0-33.0°C and Minimum temperature was 21.0-23.0°C. Wind speed was 03-07 km per hour. Relative humidity was recorded between 60-87%.

Past week Summary (09.02.2024-12.02.2024)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 18.02.2024				
09.02.2024	10.02.2024	11.02.2024	12.02.2024	Date	14.02.2024	15.02.2024	16.02.2024	17.02.2024	18.02.2024
0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
32	32	33	31	Max. Temp. (°C)	32	32	32	33	33
22	23	23	21	Mini. Temp. (°C)	23	23	22	22	22
87	80	72	82	Maximum RH %	80	90	90	90	90
76	69	67	60	Minimum RH %	40	40	40	40	40
clear Sky	clear Sky	clear Sky	clear Sky	Cloud cover Octa	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
North North East	East	South South East	North East	Wind direction	North East	East North East	North East	North East	North East
3	5	7	7	Wind speed Kmp	8	10	12	12	16

Weather Summary for Kancheepuram district

Weather forecast for next five days: (14.02.2024-18.02.2024)

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 80-90 per cent and evening relative humidity is expected to be around 40 per cent. Wind speed is expected to be around 08-16 km per hour and the wind direction will be from North East.

SMS Advisory:

(14.02.2024-18.02.2024) 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.
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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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