



Agromet Advisory Bulletin for the Chennai District
Bulletin no. 011/2023 Issued on 07.02.2023
(08.02.2023-12.02.2023)
Issued jointly by
Tamil Nadu Veterinary and Animal Sciences University
& India Meteorological Department



Weather Summary for the period since the issue of last bulletin (03.02.2023) for Chennai.

During past four days around Chennai area, the sky was mostly clear. Maximum temperature was 29.0-31.0°C and Minimum temperature was 22.0-26.0°C. Wind speed was 02-13 km per hour. Relative humidity was recorded between 66-88 %.

Past week Summary (03.02.2023-06.02.2023)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 12.02.2023				
03.02.2023	04.02.2023	05.02.2023	06.02.2023		Date	08.02.2023	09.02.2023	10.02.2023	11.02.2023
0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
29	30	31	31	Max. Temp. (°C)	30	31	31	32	32
26	24	22	22	Mini. Temp. (°C)	22	23	23	23	24
77	83	85	88	Maximum RH %	90	90	90	80	80
66	67	68	66	Minimum RH %	40	40	40	40	30
clear Sky	clear Sky	clear Sky	clear Sky	Cloud cover Octa	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
North East	North East	North East	East North East	Wind direction	North East	East North East	East North East	East North East	North East
13	7	3	2	Wind speed Kmp	4	8	10	10	12

Weather Summary for Chennai district

Weather forecast for next five days: (08.02.2023-12.02.2023)

According to district forecast issued by the India Meteorological Department for Chennai district, sky will be clear. Maximum temperature is expected to be around 30.0-32.0°C. Minimum temperature is expected to be around 22.0-24.0°C. Morning relative humidity is expected to be around 80-90 per cent and evening relative humidity is expected to be around 30-40 per cent. Wind speed is expected to be around 04-12 km per hour and the wind direction will be from North East.

SMS Advisory:

(09.02.2023-12.02.2023) 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
7. The livestock must be provided in 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)
Professor and Head,
Department of Livestock Production Management
Madras Veterinary College, Chennai – 7



Agromet Advisory Bulletin for the Thiruvannamalai District
Bulletin no. 011/2023 Issued on 07.02.2023
(08.02.2023-12.02.2023)



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Weather Summary for the period since the issue of last bulletin (03.02.2023) for
TVMalai.

During past four days around TVMalai area, the sky was mostly clear. Maximum temperature was 30.0-32.0°C and Minimum temperature was 18.0-23.0°C. Wind speed was 05-06 km per hour. Relative humidity was recorded between 47-89 %.

Past week Summary (03.02.2023-06.02.2023)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 12.02.2023				
03.02.2023	04.02.2023	05.02.2023	06.02.2023		Date	08.02.2023	09.02.2023	10.02.2023	11.02.2023
0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
31	30	32	32	Max. Temp. (°C)	33	34	34	34	35
23	20	20	18	Mini. Temp. (°C)	19	19	20	20	20
84	86	89	82	Maximum RH %	90	90	80	80	80
56	52	47	47	Minimum RH %	30	30	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	East South East	East South East	South South East	Wind direction	North East	East North East	East	East North East	North East
5	6	5	5	Wind speed Kmp	6	8	10	8	8

Weather Summary for Thiruvannamalai district

Weather forecast for next five days: (08.02.2023-12.02.2023)

According to district forecast issued by the India Meteorological Department for TVMalai district, sky will be clear. Maximum temperature is expected to be around 33.0-35.0°C. Minimum temperature is expected to be around 19.0-20.0°C. Morning relative humidity is expected to be around 80-90 per cent and evening relative humidity is expected to be around 30 per cent. Wind speed is expected to be around 06-10 km per hour and the wind direction will be from North East.

SMS Advisory:

(09.02.2023-12.02.2023) 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
7. The livestock must be provided in 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:

To control brown leaf spot and blast disease in nursery plot, spray SAAF (Carbendazim 12% + mancozeb 63%) @ 2g per litre of water. To control leaf folder, spray chlorantraniliprole 18.5% SC @ 6mg per 10 litre of water. Spray 1% PPFM and incorporate the multiplied azolla insitu in the field for decomposition to release nitrogen.

Groundnut:

To increase flower retention , pod filling and to induce drought tolerance apart from yield improvement , 2 sprays of groundnut rich @ 5 kg / ha(for each spray) at 35 DAS (50 % flowering) and 45 DAS (pod development stage).

Banana:

To control wilt in banana, apply Bacillus subtilis and Trichoderma viride @ 2.5 kg/ha. or drenching with Bacillus subtilis 5 ml/litre.

Coconut:

To control Rugose Spiraling Whitefly in coconut, release of Encarsia guadeloupae @ 100 parasitoids /ac (10 leafbits/ac), spray neem oil@10ml or azadiractin 1%@5ml/litre or Installation of yellow sticky traps (5ft. X 1.5 ft.) smeared with castor oil @ 5ml ac. To control rhinoceros beetle, setup Rhino lure pheromone trap @ 5 traps/ha.

Chilli:

Prevailing weather condition is favorable for thrips incidence in chilli. The symptom of damage is infected leaves develop crinckles and curl upwards. Hence farmers are requested to monitor the field and spray fipronil 1.5ml/litre.

Mango:

NAA 20 PPM is sprayed at flowering to increase fruit retention during February 0.5 % urea (5g / lit) or 1 % potassium nitrate (10 g/lit) maybe sprayed to induce flowering, if trees do not flower by that time.

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Agromet Advisory Bulletin for the Villupuram District
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Weather Summary for the period since the issue of last bulletin (03.02.2023) for Villupuram

During past four days around Villupuram area, the sky was mostly clear. Maximum temperature was 28.0-30.0°C and Minimum temperature was 22.0-24.0°C. Wind speed was 04-05 km per hour. Relative humidity was recorded between 77-93 %.

Past week Summary (03.02.2023-06.02.2023)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 12.02.2023				
03.02.2023	04.02.2023	05.02.2023	06.02.2023		Date	08.02.2023	09.02.2023	10.02.2023	11.02.2023
0.2	0.1	0.0	0.0	Rainfall (mm)	0	0	0	0	0
28	29	30	29	Max. Temp. (°C)	30	30	31	32	32
23	24	22	22	Mini. Temp. (°C)	21	21	22	22	22
91	88	93	90	Maximum RH %	90	90	90	80	80
90	77	78	77	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
East	North North East	North North East	East North East	Wind direction	North East	East North East	East North East	East North East	North East
4	5	5	5	Wind speed Kmp	6	10	10	10	12

Weather Summary for Villupuram district

Weather forecast for next five days: (08.02.2023-12.02.2023)

According to district forecast issued by the India Meteorological Department for Villupuram district, sky will be clear. Maximum temperature is expected to be around 30.0-32.0°C. Minimum temperature is expected to be around 21.0-22.0°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 06-12 km per hour and the wind direction will be from North East.

SMS Advisory:

(09.02.2023-12.02.2023) 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
7. The livestock must be provided in 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:

Due to prevailing weather condition false smut is found in paddy crop. To manage the false smut, spray copper oxychloride 50 WG 2.5 g/l or copper hydroxide 77 WG 2.0 g/l or propiconazole 1.0 ml/l at panicle stage and 50 % flowering stage.

Blackgram:

Due to prevailing weather condition there are chances of blackgram pot borer infestation. To control spray thiodicarb 75% WP 250 g/ac.

Groundnut:

Due to prevailing weather condition there are chances of groundnut leaf miner infestation. To control spray methyl demeton 25 EC 400 ml/ac or dimethiate 30 EC 200 ml/ac.

Sugarcane:

Mealy bug and pokkahboeng infection identified in sugarcane crop. Mealy bug affect growth of plants and pokkahboeng cause death of young spindles of sugarcane crop. To control spray imidacloprid 17.8 SL 0.6 ml/l or 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.

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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 (03.02.2023) for
Kancheepuram

During past four days around area, the sky was mostly clear. Maximum temperature was 30.0-32.0°C and Minimum temperature was 21.0-26.0°C. Wind speed was 03-10 km per hour. Relative humidity was recorded between 57-84 %.

Past week Summary (03.02.2023-06.02.2023)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 12.02.2023				
03.02.2023	04.02.2023	05.02.2023	06.02.2023		Date	08.02.2023	09.02.2023	10.02.2023	11.02.2023
1.1	0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
30	32	32	31	Max. Temp. (°C)	32	33	33	34	34
26	23	21	21	Mini. Temp. (°C)	22	23	24	24	24
76	84	80	83	Maximum RH %	90	90	90	80	80
57	58	61	58	Minimum RH %	50	50	50	50	40
clear Sky	clear Sky	clear Sky	clear Sky	Cloud cover Octa	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
North East	North East	North North East	East North East	Wind direction	North East	East North East	East North East	East North East	North East
10	4	3	3	Wind speed Kmp	2	8	10	10	10

Weather Summary for Kancheepuram district

Weather forecast for next five days: (08.02.2023-12.02.2023)

According to district forecast issued by the India Meteorological Department for Kancheepuram district, sky will be clear. Maximum temperature is expected to be around 32.0-34.0°C. Minimum temperature is expected to be around 22.0-24.0°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 02-10 km per hour and the wind direction will be from North East.

SMS Advisory:

(09.02.2023-12.02.2023) 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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7. The livestock must be provided in 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

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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