



Agromet Advisory Bulletin for the Chennai District

Bulletin no. 83/2023 Issued on 17.10.2023

(18.10.2023-22.10.2023)

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 33.0°C and Minimum temperature was 25.0-26.0°C. Wind speed was 02-03 km per hour. Relative humidity was recorded between 72-98 %.

Past week Summary (13.10.2022-16.10.2022)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 22.10.2022				
13.10.2022	14.10.2022	15.10.2022	16.10.2022		Date	18.10.2022	19.10.2022	20.10.2022	21.10.2022
0.0	1.6	12.7	0.6	Rainfall (mm)	0	0	10	10	10
33	33	33	33	Max. Temp. (°C)	33	33	33	32	32
25	26	25	26	Mini. Temp. (°C)	26	26	26	25	25
79	95	98	80	Maximum RH %	94	94	94	92	92
72	79	79	78	Minimum RH %	80	80	80	78	78
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	East	Wind direction	North East	North East	North East	East	East
3	2	2	2	Wind speed Kmp	5	5	5	4	4

Weather Summary for Chennai district

Weather forecast for next five days: (18.10.2023-22.10.2023)

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 32.0-33.0°C. Minimum temperature is expected to be around 25.0-26.0°C. Morning relative humidity is expected to be around 92-94 per cent and evening relative humidity is expected to be around 78-80 per cent. Wind speed is expected to be around 04-05 km per hour and the wind direction will be from East.

SMS Advisory:

(18.10.2023 - 22.10.2023) Light to moderate rain is likely to occur at one or two places over Tamilnadu.

Livestock Advisory

1. To avoid the occurrence of milk fever in dairy cattle, feeding of supplementary mineral mixture of 15-30 gms is recommended during pregnancy.
2. To prevent scabies in rabbit all in all out system has to be followed with adequate ectoparasicide spraying.
3. Goat kids and calves protect from direct rain, dampness and cold.
4. Check out for aflotoxicosis in concentrate feed. Addition of toxin binders in feed would prevent this to some extent.
5. Milk animals should be fed with grass and dry fodder concentrate as per the regular schedule.
6. Swill (food wastes) fed fattener pigs should be checked out for sanitary swill feeding since spoilt swill will cause intestinal disorder.
7. Deep litters poultry house should be protected from rain water.
8. Provision of 5% shell grit to layers improves the egg quality.
9. Deworming should carried out as per the seasonal schedule.

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Agromet Advisory Bulletin for the Thiruvannamalai District

Bulletin no. 83/2023 Issued on 17.10.2023

(18.10.2023-22.10.2023)

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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 31.0-33.0°C and Minimum temperature was 23.0-25.0°C. Wind speed was 02-05 km per hour. Relative humidity was recorded between 64-89 %.

Past week Summary (13.10.2022-16.10.2022)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 22.10.2022				
13.10.2022	14.10.2022	15.10.2022	16.10.2022		Date	18.10.2022	19.10.2022	20.10.2022	21.10.2022
0.0	0.4	3.2	2.9	Rainfall (mm)	2	4	4	4	0
33	32	31	32	Max. Temp. (°C)	33	33	33	32	32
23	25	25	25	Mini. Temp. (°C)	25	25	25	24	24
88	89	87	87	Maximum RH %	88	88	88	86	86
64	71	70	70	Minimum RH %	74	74	74	72	72
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 East	South East	South South East	North East	Wind direction	North East	North East	North East	East North East	East North East
5	5	2	3	Wind speed Kmp	3	3	3	2	2

Weather Summary for TVMalai district

Weather forecast for next five days: (18.10.2023-22.10.2023)

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 32.0-33.0°C. Minimum temperature is expected to be around 24.0-25.0°C. Morning relative humidity is expected to be around 86-88 per cent and evening relative humidity is expected to be around 72-74 per cent. Wind speed is expected to be around 02-03 km per hour and the wind direction will be from East North East.

SMS Advisory:

(18.10.2023 - 22.10.2023) Light to moderate rain is likely to occur at one or two places over Tamilnadu.

Livestock Advisory:

1. To avoid the occurrence of milk fever in dairy cattle, feeding of supplementary mineral mixture of 15-30 gms is recommended during pregnancy.
2. To prevent scabies in rabbit all in all out system has to be followed with adequate ectoparasicide spraying.

3. Goat kids and calves protect from direct rain, dampness and cold.
4. Check out for aflotoxicosis in concentrate feed. Addition of toxin binders in feed would prevent this to some extent.
5. Milk animals should be fed with grass and dry fodder concentrate as per the regular schedule.
6. Swill (food wastes) fed fattener pigs should be checked out for sanitary swill feeding since spoilt swill will cause intestinal disorder.
7. Deep litters poultry house should be protected from rain water.
8. Provision of 5% shell grit to layers improves the egg quality.
9. Deworming should carried out as per the seasonal schedule.

Agricultural advisory

Rice:

For nursery land preparation, to prevent soil borne diseases and better establishment of seedlings apply Azospirillum 2.5 kg mixed with 25 kg of soil.

Prevailing weather condition is favourable for blast/sheath blight/sheath rot diseases in rice. To prevent this, spray propiconazole 1g/litre or bacillus subtilis 10g/acre after first and second hand weeding.

Sugarcane:

A tonic with nutrients and growth regulators for sugarcane spray the TNAU sugarcane Booster at 45, 60 and 75 days after planting spray booster at 1kg, 1.5kg and 2kg respectively and add required quantity of sticking agent.

Banana:

To control wilt in banana, apply Bacillus subtilis and Trichoderma viride @ 1 kg/acre. 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 @ 2 traps/acre.

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Agromet Advisory Bulletin for the Villupuram District
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(18.10.2023-22.10.2023)



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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 30.0-33.0°C and Minimum temperature was 25.0-27.0°C. Wind speed was 00-04 km per hour. Relative humidity was recorded between 79-94 %.

Past week Summary (13.10.2022-16.10.2022)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 22.10.2022				
13.10.2022	14.10.2022	15.10.2022	16.10.2022		Date	18.10.2022	19.10.2022	20.10.2022	21.10.2022
0.0	6.2	3.2	0.6	Rainfall (mm)	4	0	5	3	3
33	32	30	33	Max. Temp. (°C)	33	33	33	32	32
27	25	25	26	Mini. Temp. (°C)	25	25	25	24	24
86	94	86	90	Maximum RH %	90	90	90	88	88
78	82	79	82	Minimum RH %	84	84	84	82	82
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				Wind direction	North East	North East	North East	East North East	East North East
4	0	0	0	Wind speed Kmp	4	4	4	3	3

Weather Summary for Villupuram district

Weather forecast for next five days: (18.10.2023-22.10.2023)

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 32.0-33.0°C. Minimum temperature is expected to be around 24.0-25.0°C. Morning relative humidity is expected to be around 88-90 per cent and evening relative humidity is expected to be around 82-84 per cent. Wind speed is expected to be around 03-04 km per hour and the wind direction will be from East North East.

SMS Advisory:

(18.10.2023 - 22.10.2023) Light to moderate rain is likely to occur at one or two places over Tamilnadu.

Livestock Advisory:

1. To avoid the occurrence of milk fever in dairy cattle, feeding of supplementary mineral mixture of 15-30 gms is recommended during pregnancy.
2. To prevent scabies in rabbit all in all out system has to be followed with adequate ectoparasicide spraying.
3. Goat kids and calves protect from direct rain, dampness and cold.

4. Check out for aflotoxicosis in concentrate feed. Addition of toxin binders in feed would prevent this to some extent.
5. Milk animals should be fed with grass and dry fodder concentrate as per the regular schedule.
6. Swill (food wastes) fed fattener pigs should be checked out for sanitary swill feeding since spoilt swill will cause intestinal disorder.
7. Deep litters poultry house should be protected from rain water.
8. Provision of 5% shell grit to layers improves the egg quality.
9. Deworming should be carried out as per the seasonal schedule.

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, Due to prevailing weather condition possible for thrips infestation in paddy crop. To manage them, spray thiamethoxam 8.0g/ for 20 cent of nursery field. In transplanted field spray Azadiractin 400 ml/acre or thiamethoxam 40 g/ac

Sugarcane:

Crown mealy bug and pokkahboeng disease of sugarcane observed in field. Symptoms are stunted growth, terminal shoot drying, yellowing of leaf and weakening of cane. To control follow integrated management practices.

Soil treatment - carbendazim 50 WP @ 2 g/lit for 30 min & imidacloprid 70 WS @ 1.5 ml/lit. for 5 min before planting,

Monitor ant movement in the border rows at regular intervals,

Prophylactic measure - in endemic area, field borders (3 rows) spray imidacloprid 17.8 SL @ 3 ml/10 lit (or) chlorantraniliprole 18.5 SC 4 ml /10 lit (or) clothianidin 50 WDG @ 5g/10 lit (or) spirotetramet 150 OD @ 12.5 ml/10 lit (or) Flonicamid 50% WG @ 3 g/10 lit. If infestation crosses ETL (10%), the insecticide application should be repeated at 20 days interval with rotation of above insecticides. Before spraying ensure de-trashing and it should be done at 5 months after planting.

If Pokkahboeng noticed, spray carbendazim 50 WP @ 2 g/lit or propiconazole 25 EC @ 2 ml/lit + sticking agent @ 1 ml/lit 3 times at 20 days interval. Spray should be directed towards central whorl for better control

Ratoon cropping should be discouraged after two ratooning in the endemic areas

Maize:

Maize growing farmers the fall army worm infection apply neem cake @ 250 kg/ha (farmer contribution)

Seed treatment with cyantraniliprole 19.8% + thiamethoxam 19.8 FS @ 4.0 ml/kg seed

Border cropping with gingelly or cowpea or sorghum

Installation of pheromone traps @ 12 nos./ha

Spraying of chlorantraniliprole 18.5 SC @ 0.4 ml/l (or) flubendiamide 20 WG (0.5 g/l) at 15-20 days of emergence (DAE)

Application of emamectin benzoate 5 SG (0.4 g/l) or spinetoram 11.7 SC (0.5 ml/l) at 35-40 DAE at late whorl stage and 60 DAE.

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Agromet Advisory Bulletin for the Kancheepuram District
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(18.10.2023-22.10.2023)



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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 32.0-33.0°C and Minimum temperature was 24.0-26.0°C. Wind speed was 03-05 km per hour. Relative humidity was recorded between 73-97%.

Past week Summary (13.10.2022-16.10.2022)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 22.10.2022				
13.10.2022	14.10.2022	15.10.2022	16.10.2022		Date	18.10.2022	19.10.2022	20.10.2022	21.10.2022
0.0	0.6	3.5	5.3	Rainfall (mm)	5	0	6	10	4
33	33	32	32	Max. Temp. (°C)	32	32	32	31	31
25	25	24	26	Mini. Temp. (°C)	25	25	25	24	24
78	97	93	83	Maximum RH %	90	90	90	88	88
73	80	79	80	Minimum RH %	84	84	84	80	80
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	North East	East South East	East North East	Wind direction	North East	North East	North East	East North East	East North East
5	3	3	3	Wind speed Kmp	6	6	6	5	5

Weather Summary for Kancheepuram district

Weather forecast for next five days: (18.10.2023-22.10.2023)

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 31.0-32.0°C. Minimum temperature is expected to be around 24.0-25.0°C. Morning relative humidity is expected to be around 88-90 per cent and evening relative humidity is expected to be around 80-84 per cent. Wind speed is expected to be around 05-06 km per hour and the wind direction will be from East North East.

SMS Advisory:

(18.10.2023 - 22.10.2023) Light to moderate rain is likely to occur at one or two places over Tamilnadu.

Livestock Advisory:

1. To avoid the occurrence of milk fever in dairy cattle, feeding of supplementary mineral mixture of 15-30 gms is recommended during pregnancy.
2. To prevent scabies in rabbit all in all out system has to be followed with adequate ectoparasicide spraying.
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6. Swill (food wastes) fed fattener pigs should be checked out for sanitary swill feeding since spoilt swill will cause intestinal disorder.
7. Deep litters poultry house should be protected from rain water.
8. Provision of 5% shell grit to layers improves the egg quality.
9. Deworming should carried out as per the seasonal schedule.

Agricultural advisory

Rice:

The forecasted weather may cause Thrips infestation in nursery field. For management farmers may spray Phosphamidon 40 SL 50 ml.

The forecasted weather is conducive for Sheath Blight infestation in paddy. For management farmers may spray Neem oil @ 3% at start stage of the disease.

Brinjal:

There are possibilities of sucking pest Mite infestation in Brinjal. Farmers may take necessary plant protection measures with the advice of Horticulture officer.

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