



Agromet Advisory Bulletin for the Chennai District
Bulletin no. 41/2023 Issued on 23.05.2023
(24.05.2023-28.05.2023)
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 36.0-37.0°C and Minimum temperature was 29.0°C. Wind speed was 04-05 km per hour. Relative humidity was recorded between 70-82 %.

Past week Summary (19.05.2023-22.05.2023)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 28.05.2023				
19.05.2023	20.05.2023	21.05.2023	22.05.2023		Date	24.05.2023	25.05.2023	26.05.2023	27.05.2023
0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	3	3	3
36	37	36	36	Max. Temp. (°C)	37	38	39	39	40
29	29	29	29	Mini. Temp. (°C)	29	30	30	31	31
71	71	82	75	Maximum RH %	70	60	60	50	50
73	70	75	75	Minimum RH %	30	30	30	20	30
clear Sky	clear Sky	clear Sky	clear Sky	Cloud cover Octa	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
South	South East	South East	South East	Wind direction	South South West	South South West	South South West	West	West South West
5	4	5	5	Wind speed Kmp	8	12	12	10	8

Weather Summary for Chennai district

Weather forecast for next five days: (24.05.2023-28.05.2023)

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 37.0-40.0°C. Minimum temperature is expected to be around 29.0-31.0°C. Morning relative humidity is expected to be around 50-70 per cent and evening relative humidity is expected to be around 20-30 per cent. Wind speed is expected to be around 08-12 km per hour and the wind direction will be from West South West.

SMS Advisory:

(24.05.2023-28.05.2023) Light to moderate rain is likely to occur at one or two places over Tamilnadu,

Livestock Advisory

1. Accidental grazing of new shoots of sorghum fodder may lead to HCN poisoning and death, hence farmers are advised to take precautionary measures
2. Small ruminants overfed with excessive grain feed are at the edge of procuring Enterotoxaemia, hence precautionary measures should be taken
3. The drainage system in cattle shed must be open and blockage free with access to easy cleaning to prevent fly breeding.
4. To prevent E.coli infection in nursery piggery shed the floor must be washed with luke warm saline / good irritant free disinfectant atleast weekly once.
5. Native poultry reared under integrated method incase infested with lice, must be given medicated bath. A sponge dipped in one ml of butox mixed in one litre of water could be rubbed all over the body on a bright sunny day. Care must be exercised to avoid eyes ear lobe and mouth.

*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. 41/2023 Issued on 23.05.2023

(24.05.2023-28.05.2023)

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 TVMalai .

During past four days around TVMalai area, the sky was mostly clear. Maximum temperature was 38.0-42.0°C and Minimum temperature was 26.0-28.0°C. Wind speed was 03-09 km per hour. Relative humidity was recorded between 46-78 %.

Past week Summary (19.05.2023-22.05.2023)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 28.05.2023				
19.05.2023	20.05.2023	21.05.2023	22.05.2023		Date	24.05.2023	25.05.2023	26.05.2023	27.05.2023
3.1	0.0	0.0	1.2	Rainfall (mm)	0	0	6	4	10
42	40	41	38	Max. Temp. (°C)	39	40	40	39	39
26	28	27	27	Mini. Temp. (°C)	27	28	29	28	28
71	68	78	67	Maximum RH %	60	60	60	60	60
46	48	46	54	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
South South East	South South East	South South East	South East	Wind direction	South	South West	West South West	West South West	West South West
3	5	9	4	Wind speed Kmp	6	8	6	8	10

Weather Summary for TVMalai district

Weather forecast for next five days: (24.05.2023-28.05.2023)

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 39.0-40.0°C. Minimum temperature is expected to be around 27.0-29.0°C. Morning relative humidity is expected to be around 60 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 West South West.

SMS Advisory:

(24.05.2023-28.05.2023) Light to moderate rain is likely to occur at one or two places over Tamilnadu,

Livestock Advisory:

1. Accidental grazing of new shoots of sorghum fodder may lead to HCN poisoning and death, hence farmers are advised to take precautionary measures
2. Small ruminants overfed with excessive grain feed are at the edge of procuring Enterotoxaemia, hence precautionary measures should be taken
3. The drainage system in cattle shed must be open and blockage free with access to easy cleaning to prevent fly breeding.

4. To prevent E.coli infection in nursery piggery shed the floor must be washed with luke warm saline / good irritant free disinfectant atleast weekly once.
5. Native poultry reared under integrated method incase infested with lice, must be given medicated bath. A sponge dipped in one ml of butox mixed in one litre of water could be rubbed all over the boy on a bright sunny day. Care must be exercised to avoid eyes ear lobe and mouth.

Agricultural advisory

Rice:

Treat the paddy seeds in Carbendazim or Pyroquilon or Tricyclozole at 2 g/litre of water for 1 kg of seeds. Soak the seeds for 8-10 hrs and drain excess water. This wet seed treatment gives protection to the seedlings up to 40 days from seed borne diseases. If the seeds are required for sowing immediately, keep the soaked seed in gunny in dark and cover with extra gunnies and leave for 24hrs for sprouting.

Suitable for Sornavari season (Apr-May) paddy varieties: ADT-36,37,43,45, 56 and CO-51, CO-57, TPS-5, TRY-5 and ASD-21.

Groundnut:

Treat the groundnut seeds with Trichoderma @ 4g/kg just before sowing.

Suitable for Vaikasi pattam (May-June) groundnut varieties: VRI-10, TMV-10,14 and TMVG-13.

Coconut:

In new coconut plantings the hybrids Dwarf × Tall or Tall × Dwarf may be used.

Mango:

The mango crop harvesting is in progress. The fruit may be harvested with 1cm stalk to avoid flow of latex.

The fruits may be treated with 2ml /lit Ethrel along with few sodium hydroxide pellets for uniform ripening and color development.

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



Agromet Advisory Bulletin for the Villupuram District
Bulletin no. 41/2023 Issued on 23.05.2023
(24.05.2023-28.05.2023)
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 Villupuram.

During past four days around Villupuram area, the sky was mostly clear. Maximum temperature was 35.0-38.0°C and Minimum temperature was 28.0°C. Wind speed was 04-07 km per hour. Relative humidity was recorded between 78-84 %.

Past week Summary (19.05.2023-22.05.2023)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 28.05.2023				
19.05.2023	20.05.2023	21.05.2023	22.05.2023		Date	24.05.2023	25.05.2023	26.05.2023	27.05.2023
0.0	0.0	0.0	0.0	Rainfall (mm)	3	0	4	4	8
36	38	37	35	Max. Temp. (°C)	36	37	36	36	35
28	28	28	28	Mini. Temp. (°C)	25	24	24	23	23
80	80	78	84	Maximum RH %	70	60	70	60	70
78	79	79	84	Minimum RH %	40	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
South East	South West	South East	South South East	Wind direction	South South West	South South West	South West	South West	West South West
7	4	4	5	Wind speed Kmp	10	8	8	8	10

Weather Summary for Villupuram district

Weather forecast for next five days: (24.05.2023-28.05.2023)

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 35.0-37.0°C. Minimum temperature is expected to be around 23.0-25.0°C. Morning relative humidity is expected to be around 60-70 per cent and evening relative humidity is expected to be around 30-40 per cent. Wind speed is expected to be around 08-10 km per hour and the wind direction will be from West South West.

SMS Advisory:

(24.05.2023-28.05.2023) Light to moderate rain is likely to occur at one or two places over Tamilnadu,

Livestock Advisory:

1. Accidental grazing of new shoots of sorghum fodder may lead to HCN poisoning and death, hence farmers are advised to take precautionary measures
2. Small ruminants overfed with excessive grain feed are at the edge of procuring Enterotoxaemia, hence precautionary measures should be taken
3. The drainage system in cattle shed must be open and blockage free with access to easy cleaning to prevent fly breeding.

4. To prevent E.coli infection in nursery piggery shed the floor must be washed with luke warm saline / good irritant free disinfectant atleast weekly once.
5. Native poultry reared under integrated method incase infested with lice, must be given medicated bath. A sponge dipped in one ml of butox mixed in one litre of water could be rubbed all over the boy on a bright sunny day. Care must be exercised to avoid eyes ear lobe and mouth.

Agricultural advisory

Rice:

Due to prevailing weather condition chances of thrips infestation in paddy field. To control spray thiamethoxam 25% WG 100 g/ha or dimethoate 1.5ml/l. 2. Due to prevailing weather condition brown plant leafhopper infestation is found in paddy crop. 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 carbosulfan 400 ml/ac + imidaclopride 40ml/ac or pymetrozine 120 g/ac with wetting agent.

Coconut:

Installation of yellow sticky traps on the palm trunk to trap the adult whiteflies. 2. Encourage buildup of parasitoids (*Encarsia* sp.) and reintroduce parasitized pupae of emerging zones of whitefly outbreak. 3. In severe case, spray neem oil 10 ml/lit of water or spray azadirachtin 2.0 ml/lit of water with 1.0 ml of sticking agent.

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



Agromet Advisory Bulletin for the Kancheepuram District
Bulletin no. 41/2023 Issued on 23.05.2023
(24.05.2023-28.05.2023)
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 Kancheepuram.

During past four days around Kancheepuram area, the sky was mostly clear. Maximum temperature was 37.0-39.0°C and Minimum temperature was 28.0-29.0°C. Wind speed was 06-09 km per hour. Relative humidity was recorded between 59-78 %.

Past week Summary (19.05.2023-22.05.2023)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 28.05.2023				
19.05.2023	20.05.2023	21.05.2023	22.05.2023		Date	24.05.2023	25.05.2023	26.05.2023	27.05.2023
0.0	0.0	1.7	5.4	Rainfall (mm)	0	0	3	3	6
38	39	39	37	Max. Temp. (°C)	38	39	40	40	39
29	28	28	29	Mini. Temp. (°C)	28	29	30	29	29
70	70	78	76	Maximum RH %	70	70	70	60	60
65	59	66	70	Minimum RH %	50	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
South East	South East	East	South	Wind direction	South South West	South South West	South South West	South West	West South West
7	6	9	7	Wind speed Kmp	6	8	12	10	8

Weather Summary for Kancheepuram district

Weather forecast for next five days: (24.05.2023-28.05.2023)

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 38.0-40.0°C. Minimum temperature is expected to be around 28.0-30.0°C. Morning relative humidity is expected to be around 60-70 per cent and evening relative humidity is expected to be around 40-50 per cent. Wind speed is expected to be around 06-12 km per hour and the wind direction will be from West South west.

SMS Advisory:

(24.05.2023-28.05.2023) Light to moderate rain is likely to occur at one or two places over Tamilnadu,

Livestock Advisory:

1. Accidental grazing of new shoots of sorghum fodder may lead to HCN poisoning and death, hence farmers are advised to take precautionary measures
2. Small ruminants overfed with excessive grain feed are at the edge of procuring Enterotoxaemia, hence precautionary measures should be taken
3. The drainage system in cattle shed must be open and blockage free with access to easy cleaning to prevent fly breeding.
4. To prevent E.coli infection in nursery piggery shed the floor must be washed with luke warm saline / good irritant free disinfectant atleast weekly once.
5. Native poultry reared under integrated method incase infested with lice, must be given medicated bath. A sponge dipped in one ml of butox mixed in one litre of water could be rubbed all over the body on a bright sunny day. Care must be exercised to avoid eyes ear lobe and mouth.

Agricultural advisory**Rice:**

Farmers are advised to create proper drainage facility to drain the excess stagnating water in the fields.

Sugarcane:

Farmers are advised to detrash the sugar cane and advised to go for double line propping with trash twist.

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