



## Agromet Advisory Bulletin for the Chennai District

Bulletin no. 40/2023 Issued on 19.05.2023

(20.05.2023-24.05.2023)

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 three days around Chennai area, the sky was mostly clear. Maximum temperature was 37.0-41.0°C and Minimum temperature was 29.0-31.0°C. Wind speed was 02-08 km per hour. Relative humidity was recorded between 64-76 %.

Past week Summary (16.05.2023-18.05.2023)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 24.05.2023				
16.05.2023	17.05.2023	18.05.2023		Date	20.05.2023	21.05.2023	22.05.2023	23.05.2023
0.0	0.0	0.0	Rainfall (mm)	0	0	2	0	0
41	42	37	Max. Temp. (°C)	37	38	36	36	36
30	31	29	Mini. Temp. (°C)	29	29	28	28	28
64	69	74	Maximum RH %	75	75	75	75	75
64	76	75	Minimum RH %	60	60	60	60	60
clear Sky	clear Sky	clear Sky	Cloud cover Octa	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
South	South	South East	Wind direction	South South West	South South West	South	South	South
2	8	6	Wind speed Kmp	8	8	10	10	10

### Weather Summary for Chennai district

#### Weather forecast for next five days: (20.05.2023-24.05.2023)

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 36.0-38.0°C. Minimum temperature is expected to be around 28.0-29.0°C. Morning relative humidity is expected to be around 75 per cent and evening relative humidity is expected to be around 60 per cent. Wind speed is expected to be around 08-10 km per hour and the wind direction will be from South.

#### SMS Advisory:

(23.05.2023-24.05.2023) 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.

*Nodal Officer (GKMS)  
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## Agromet Advisory Bulletin for the Thiruvannamalai District

Bulletin no. 40/2023 Issued on 19.05.2023

(20.05.2023-24.05.2023)

Issued jointly by

Tamil Nadu Veterinary and Animal Sciences University  
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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 42.0°C and Minimum temperature was 26.0-29.0°C. Wind speed was 05-07 km per hour. Relative humidity was recorded between 43-81 %.

Past week Summary (16.05.2023-18.05.2023)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 24.05.2023				
16.05.2023	17.05.2023	18.05.2023		Date	20.05.2023	21.05.2023	22.05.2023	23.05.2023
0.0	0.6	0.0	Rainfall (mm)	0	0	0	0	0
42	42	42	Max. Temp. (°C)	42	42	41	41	41
26	27	29	Mini. Temp. (°C)	28	28	28	28	28
70	63	81	Maximum RH %	70	70	70	70	70
43	46	69	Minimum RH %	45	45	45	45	45
clear Sky	clear Sky	clear Sky	Cloud cover Octa	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
South West	South	West South West	Wind direction	South South West	South South West	South South West	South South West	South South West
7	7	5	Wind speed Kmp	12	12	10	10	10

### Weather Summary for TVMalai district

#### Weather forecast for next five days: (20.05.2023-24.05.2023)

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 41.0-42.0°C. Minimum temperature is expected to be around 28.0°C. Morning relative humidity is expected to be around 70 per cent and evening relative humidity is expected to be around 45 per cent. Wind speed is expected to be around 10-12 km per hour and the wind direction will be from South South West.

#### SMS Advisory:

(23.05.2023-24.05.2023) 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.

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**Agromet Advisory Bulletin for the Villupuram District**  
**Bulletin no. 40/2023 Issued on 19.05.2023**  
**(20.05.2023-24.05.2023)**  
**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 three days around Villupuram area, the sky was mostly clear. Maximum temperature was 38.0-40.0°C and Minimum temperature was 27.0-29.0°C. Wind speed was 03-07 km per hour. Relative humidity was recorded between 72-83 %.

Past week Summary (16.05.2023-18.05.2023)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 24.05.2023				
16.05.2023	17.05.2023	18.05.2023		Date	20.05.2023	21.05.2023	22.05.2023	23.05.2023
0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
39	40	38	Max. Temp. (°C)	38	38	39	39	39
27	29	28	Mini. Temp. (°C)	28	28	28	28	28
75	72	83	Maximum RH %	70	70	70	70	70
72	77	79	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
South South East	South South East	South	Wind direction	South South West	South South West	South South West	South South West	South South West
6	7	3	Wind speed Kmp	10	10	10	10	10

**Weather Summary for Villupuram district**

**Weather forecast for next five days: (20.05.2023-24.05.2023)**

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 38.0-39.0°C. Minimum temperature is expected to be around 28.0°C. Morning relative humidity is expected to be around 70 per cent and evening relative humidity is expected to be around 50 per cent. Wind speed is expected to be around 10 km per hour and the wind direction will be from South South West.

**SMS Advisory:**

(23.05.2023-24.05.2023) 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.

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**Agromet Advisory Bulletin for the Kancheepuram District**  
**Bulletin no. 40/2023 Issued on 19.05.2023**  
**(20.05.2023-24.05.2023)**



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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 39.0-43.0°C and Minimum temperature was 28.0-30.0°C. Wind speed was 06-11 km per hour. Relative humidity was recorded between 63-75 %.

Past week Summary (16.05.2023-18.05.2023)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 24.05.2023				
16.05.2023	17.05.2023	18.05.2023	Date	20.05.2023	21.05.2023	22.05.2023	23.05.2023	24.05.2023
0.0	0.3	0.0	Rainfall (mm)	0	0	2	2	2
41	43	39	Max. Temp. (°C)	38	39	38	38	38
29	30	28	Mini. Temp. (°C)	29	29	29	29	29
69	68	75	Maximum RH %	70	70	70	70	70
63	66	68	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
South	South East	South South East	Wind direction	South South West	South South West	South	South	South
6	9	11	Wind speed Kmp	8	10	10	10	10

**Weather Summary for Kancheepuram district**

**Weather forecast for next five days: (20.05.2023-24.05.2023)**

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 38.0-39.0°C. Minimum temperature is expected to be around 29.0°C. Morning relative humidity is expected to be around 70 per cent and evening relative humidity is expected to be around 50 per cent. Wind speed is expected to be around 08-10 km per hour and the wind direction will be from South.

**SMS Advisory:**

(23.05.2023-24.05.2023) 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
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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:**

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.

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