



## Agromet Advisory Bulletin for the Chennai District

Bulletin no. 81/2023 Issued on 10.10.2023

(11.10.2023-15.10.2023)

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 34.0-36.0°C and Minimum temperature was 27.0-28.0°C. Wind speed was 04-07 km per hour. Relative humidity was recorded between 76-82 %.

Past week Summary (06.10.2023-09.10.2023)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 15.10.2023				
06.10.2023	07.10.2023	08.10.2023	09.10.2023	Date	11.10.2023	12.10.2023	13.10.2023	14.10.2023	15.10.2023
0.4	4.2	1.8	0.0	Rainfall (mm)	5	0	0	0	0
36	34	35	34	Max. Temp. (°C)	35	35	35	34	34
27	27	27	28	Mini. Temp. (°C)	26	26	26	25	25
76	78	80	77	Maximum RH %	78	78	78	70	70
82	78	81	80	Minimum RH %	82	82	82	80	80
Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Cloud cover Octa	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy
South South East	South	South East	South East	Wind direction	South East	South East	South East	South	South South East
4	5	7	7	Wind speed Kmp	6	6	6	5	5

### Weather Summary for Chennai district

#### Weather forecast for next five days: (11.10.2023-15.10.2023)

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 34.0-35.0°C. Minimum temperature is expected to be around 25.0-26.0°C. Morning relative humidity is expected to be around 70-78 per cent and evening relative humidity is expected to be around 80-82 per cent. Wind speed is expected to be around 05-06 km per hour and the wind direction will be from South South East.

#### SMS Advisory:

(11.10.2023-12.10.2023) Heavy rain is likely to occur at isolated places over Krishnagiri, Tirupattur and Vellore districts of Tamilnadu.

## **Livestock Advisory**

1. The floors in the livestock shelter must be cleaned and maintained damp free to prevent water logging, Moreover the floors must be sprinkled with bleaching powder to maintain biosecurity in farm.
2. The floor of nursery piglet shed must be cleaned with luke warm saline or with any other commercial disinfectant to prevent E.coli infection, which in adverse cases of infection leads to diarrhoea and mortality.
3. The sheep and goat must be vaccinated against Enterotoxaemia infection.
4. To prevent mosquitoes menace the livestock shed may be fumigated with Vitex Negundo dried leaves once in a week
5. The newly kidded doe must be vaccinated with TT (Tetanus Toxide)
6. Sporadic incidence of Blue Tongue infection may occur in small ruminants. Hence stringent measures must be taken to control fly vector, (Culicoides).
7. Present maximum and minimum temperature is feasible for rabbit production, hence the rabbit may be allowed for individual mating or colony mating.
8. The stagnated water around the poultry farms must be cleared immediately, to avoid the development of intermediate host of poultry cestode which tends to develop in stagnated water

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## Agromet Advisory Bulletin for the Thiruvannamalai District

Bulletin no. 81/2023 Issued on 10.10.2023

(11.10.2023-15.10.2023)

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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 33.0-35.0°C and Minimum temperature was 25.0-26.0°C. Wind speed was 01-04 km per hour. Relative humidity was recorded between 63-89 %.

Past week Summary (06.10.2023-09.10.2023)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 15.10.2023				
06.10.2023	07.10.2023	08.10.2023	09.10.2023	Date	11.10.2023	12.10.2023	13.10.2023	14.10.2023	15.10.2023
15.6	0.0	0.0	1.2	Rainfall (mm)	20	10	5	0	0
34	33	35	34	Max. Temp. (°C)	34	34	34	33	33
26	25	25	25	Mini. Temp. (°C)	24	25	25	24	24
84	84	89	89	Maximum RH %	82	82	82	78	78
72	63	85	76	Minimum RH %	68	68	68	65	65
Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Cloud cover Octa	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy
South South East	South South East	South South East	South East	Wind direction	South East	South East	South East	South South East	South South East
2	4	2	1	Wind speed Kmp	3	3	3	2	2

### Weather Summary for TVMalai district

#### Weather forecast for next five days: (11.10.2023-15.10.2023)

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 33.0-34.0°C. Minimum temperature is expected to be around 24.0-25.0°C. Morning relative humidity is expected to be around 78-82 per cent and evening relative humidity is expected to be around 65-68 per cent. Wind speed is expected to be around 02-03 km per hour and the wind direction will be from South South East.

#### SMS Advisory:

(11.10.2023-12.10.2023) Heavy rain is likely to occur at isolated places over Krishnagiri, Tirupattur and Vellore districts of Tamilnadu.

#### Livestock Advisory:

1. The floors in the livestock shelter must be cleaned and maintained damp free to prevent water logging, Moreover the floors must be sprinkled with bleaching powder to maintain biosecurity in farm.

2. The floor of nursery piglet shed must be cleaned with luke warm saline or with any other commercial disinfectant to prevent E.coli infection, which in adverse cases of infection leads to diarrhoea and mortality.
3. The sheep and goat must be vaccinated against Enterotoxaemia infection.
4. To prevent mosquitoes menace the livestock shed may be fumigated with Vitex Negundo dried leaves once in a week
5. The newly kidded doe must be vaccinated with TT (Tetanus Toxide)
6. Sporadic incidence of Blue Tongue infection may occur in small ruminants. Hence stringent measures must be taken to control fly vector, (Culicoides).
7. Present maximum and minimum temperature is feasible for rabbit production, hence the rabbit may be allowed for individual mating or colony mating.
8. The stagnated water around the poultry farms must be cleared immediately, to avoid the development of intermediate host of poultry cestode which tends to develop in stagnated water

**Agricultural advisory**

**Rice:**

Harvest the matured paddy crops and store in safe places.

Provide drainage facility to the nursery field and avoid fertilizer application, any kind of spray

**Groundnut:**

Harvest the matured groundnut crops and store in safe places.

**Coconut:**

To control rhinoceros beetle in rainy season , setup Rhino lure pheromone trap @ 2 traps/acre.

**Banana:**

Propping and cleaning of dried and bending leaves to ensure the proper aeration and staking for 5 month old banana trees.

**Papaya:**

Cleaning of papaya field and provide drainage facility.

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**Agromet Advisory Bulletin for the Villupuram District**  
**Bulletin no. 81/2023 Issued on 10.10.2023**  
**(11.10.2023-15.10.2023)**  
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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 31.0-34.0°C and Minimum temperature was 25.0-27.0°C. Wind speed was 00-04 km per hour. Relative humidity was recorded between 82-97 %.

Past week Summary (06.10.2023-09.10.2023)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 15.10.2023				
06.10.2023	07.10.2023	08.10.2023	09.10.2023		Date	11.10.2023	12.10.2023	13.10.2023	14.10.2023
11.9	0.0	0.0	0.0	Rainfall (mm)	10	5	1	0	0
34	31	33	33	Max. Temp. (°C)	34	34	34	33	33
25	27	26	26	Mini. Temp. (°C)	26	26	26	25	25
97	91	91	89	Maximum RH %	85	85	85	80	80
82	88	85	83	Minimum RH %	82	82	82	80	80
Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Cloud cover Octa	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy
	South	South East	South West	Wind direction	South	South	South	South South West	South South West
0	2	3	4	Wind speed Kmp	6	6	6	5	5

**Weather Summary for Villupuram district**

**Weather forecast for next five days: (11.10.2023-15.10.2023)**

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 33.0-34.0°C. Minimum temperature is expected to be around 25.0-26.0°C. Morning relative humidity is expected to be around 80-85 per cent and evening relative humidity is expected to be around 80-82 per cent. Wind speed is expected to be around 05-06 km per hour and the wind direction will be from South South West.

**SMS Advisory:**

(11.10.2023-12.10.2023) Heavy rain is likely to occur at isolated places over Krishnagiri, Tirupattur and Vellore districts of Tamilnadu.

**Livestock Advisory:**

1. The floors in the livestock shelter must be cleaned and maintained damp free to prevent water logging, Moreover the floors must be sprinkled with bleaching powder to maintain biosecurity in farm.
2. The floor of nursery piglet shed must be cleaned with luke warm saline or with any other commercial disinfectant to prevent E.coli infection, which in adverse cases of infection leads to diarrhoea and mortality.
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### **Agricultural advisory**

#### **Rice:**

Apply 100 kg of neem cake before transplanting to avoid insect and nematode attack favourable under this prevailing weather condition. Alage in paddy field reduces the growth of crops. To control apply, 2.0 kg of copper sulphate mix with sand. 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.

#### **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 ememectin 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.

#### **Coconut:**

Installation of yellow sticky traps on the palm trunk to trap the adult whiteflies. Encourage build up of parasitoids (Encarsia sp.) and reintroduce parasitized pupae of emerging zones of whitefly outbreak. In sever 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**  
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**(11.10.2023-15.10.2023)**



Issued jointly by  
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**& 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 34.0-37.0°C and Minimum temperature was 25.0-27.0°C. Wind speed was 04-08 km per hour. Relative humidity was recorded between 77-94%.

Past week Summary (06.10.2023-09.10.2023)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 15.10.2023				
06.10.2023	07.10.2023	08.10.2023	09.10.2023	Date	11.10.2023	12.10.2023	13.10.2023	14.10.2023	15.10.2023
19.2	0.0	5.7	0.0	Rainfall (mm)	5	3	0	0	0
37	34	35	35	Max. Temp. (°C)	36	36	36	35	35
25	26	26	27	Mini. Temp. (°C)	27	27	27	26	26
82	82	83	80	Maximum RH %	78	78	78	74	74
94	84	80	77	Minimum RH %	75	75	75	72	72
Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Cloud cover Octa	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy
East	South	South East	South East	Wind direction	South East	South East	South East	South South East	South South East
5	6	8	4	Wind speed Kmp	5	5	5	4	4

**Weather Summary for Kancheepuram district**

**Weather forecast for next five days: (11.10.2023-15.10.2023)**

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 35.0-36.0°C. Minimum temperature is expected to be around 26.0-27.0°C. Morning relative humidity is expected to be around 74-78 per cent and evening relative humidity is expected to be around 72-75 per cent. Wind speed is expected to be around 04-05 km per hour and the wind direction will be from South South East.

**SMS Advisory:**

(11.10.2023-12.10.2023) Heavy rain is likely to occur at isolated places over Krishnagiri, Tirupattur and Vellore districts of Tamilnadu.

## **Livestock Advisory:**

1. The floors in the livestock shelter must be cleaned and maintained damp free to prevent water logging, Moreover the floors must be sprinkled with bleaching powder to maintain biosecurity in farm.
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8. The stagnated water around the poultry farms must be cleared immediately, to avoid the development of intermediate host of poultry cestode which tends to develop in stagnated water

## **Agricultural advisory**

### **Rice:**

The forecasted weather may cause Thirps 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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