



## Agromet Advisory Bulletin for the Chennai District

Bulletin no. 60/2023 Issued on 28.07.2023

(29.07.2023-02.08.2023)

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 30.0-31.0°C and Minimum temperature was 25.0-27.0°C. Wind speed was 03-07 km per hour. Relative humidity was recorded between 45-94 %.

Past week Summary (25.07.2023-27.07.2023)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 02.08.2023				
25.07.2023	26.07.2023	27.07.2023	Date	29.07.2023	30.07.2023	31.07.2023	01.08.2023	02.08.2023
22.4	4.6	0.2	Rainfall (mm)	0	0	0	2	3
30	30	31	Max. Temp. (°C)	35	35	35	35	35
25	25	27	Mini. Temp. (°C)	27	27	27	27	27
84	92	68	Maximum RH %	75	75	75	75	75
94	70	45	Minimum RH %	65	65	65	65	65
Partly cloudy	Partly cloudy	Partly cloudy	Cloud cover Octa	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy
West North West	West South West	West South West	Wind direction	West	West	West	West	West
4	3	7	Wind speed Kmp	10	10	10	10	10

### Weather Summary for Chennai district

#### Weather forecast for next five days: (29.07.2023-02.08.2023)

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 35.0°C. Minimum temperature is expected to be around 27.0°C. Morning relative humidity is expected to be around 75 per cent and evening relative humidity is expected to be around 65 per cent. Wind speed is expected to be around 10 km per hour and the wind direction will be from West.

#### SMS Advisory:

(31.07.2023-02.08.2023) Light to moderate rain is likely to occur at one or two places over Tamilnadu.

## **Livestock Advisory**

1. dryfodder and feed ingredients used for the preparation of concentrate mixture should be dry and free from aflatoxin
2. Give 75 ml of supernatant of diluted calcium in water to milking cow
3. Sheep and goat should be dewormed by using suitable anthelmintic by consulting with local veterinary doctor.
4. The increased humidity in pig sty may occasionally increase the ammonia concentration to prevent this; the sty must be facilitated with good ventilation
5. Increased humidity and air temperature may predispose rabbits to fungal infection leading to respiratory distress, to prevent this during rainy season the sidewalls of the rabbitry must be closed with gunny bags to prevent rainwater infiltration
6. The farmers rearing poultry in backyard system must prevent the birds from drinking, the stagnant water to prevent parasitic infestation.

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## Agromet Advisory Bulletin for the Thiruvannamalai District

Bulletin no. 60/2023 Issued on 28.07.2023

(29.07.2023-02.08.2023)

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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 three days around TVMalai area, the sky was mostly clear. Maximum temperature was 30.0-32.0°C and Minimum temperature was 24.0°C. Wind speed was 07 km per hour. Relative humidity was recorded between 63-87 %.

Past week Summary (25.07.2023-27.07.2023)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 02.08.2023				
25.07.2023	26.07.2023	27.07.2023		Date	29.07.2023	30.07.2023	31.07.2023	01.08.2023
7.2	6.6	0.7	Rainfall (mm)	0	0	0	2	3
32	31	30	Max. Temp. (°C)	36	36	35	35	35
24	24	24	Mini. Temp. (°C)	26	26	26	26	26
81	87	75	Maximum RH %	70	70	70	70	70
86	75	63	Minimum RH %	55	55	55	55	55
Partly cloudy	Partly cloudy	Partly cloudy	Cloud cover Octa	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy
West	West	West South West	Wind direction	West North West	West North West	West	West	West
7	7	7	Wind speed Kmp	8	8	8	8	8

### Weather Summary for TVMalai district

#### Weather forecast for next five days: (29.07.2023-02.08.2023)

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 35.0-36.0°C. Minimum temperature is expected to be around 26.0°C. Morning relative humidity is expected to be around 70 per cent and evening relative humidity is expected to be around 55 per cent. Wind speed is expected to be around 08 km per hour and the wind direction will be from West.

#### SMS Advisory:

(31.07.2023-02.08.2023) Light to moderate rain is likely to occur at one or two places over Tamilnadu.

#### Livestock Advisory:

1. dryfodder and feed ingredients used for the preparation of concentrate mixture should be dry and free from aflatoxin
2. Give 75 ml of supernatant of diluted calcium in water to milking cow
3. Sheep and goat should be dewormed by using suitable anthelmintic by consulting with local veterinary doctor.

4. The increased humidity in pig sty may occasionally increase the ammonia concentration to prevent this; the sty must be facilitated with good ventilation
5. Increased humidity and air temperature may predispose rabbits to fungal infection leading to respiratory distress, to prevent this during rainy season the sidewalls of the rabbitry must be closed with gunny bags to prevent rainwater infiltration
6. The farmers rearing poultry in backyard system must prevent the birds from drinking, the stagnant water to prevent parasitic infestation.

**Agricultural advisory**

**Rice:**

Transplanting of rice varieties may be done utilizing the expected rainfall and provide proper drainage facility to the nursery field.

**Groundnut:**

Due to continuous rainfall stem rot disease may be appear in groundnut field. So, provide proper drainage facility .

**Sugarcane:**

As strong winds are expected for forthcoming days, so farmers are advised to detrash and propping in five months old sugarcane crop.

**Banana:**

High wind speed (>10 kmph) is expected on forthcoming days, so prop up 5 month old banana trees.

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**Agromet Advisory Bulletin for the Villupuram District**  
**Bulletin no. 60/2023 Issued on 28.07.2023**  
**(29.07.2023-02.08.2023)**  
**Issued jointly by**  
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**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 31.0-34.0°C and Minimum temperature was 25.0-27.0°C. Wind speed was 02-05 km per hour. Relative humidity was recorded between 46-90 %.

Past week Summary (25.07.2023-27.07.2023)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 02.08.2023				
25.07.2023	26.07.2023	27.07.2023		Date	29.07.2023	30.07.2023	31.07.2023	01.08.2023
1.9	1.7	0.0	Rainfall (mm)	0	0	0	2	3
33	31	34	Max. Temp. (°C)	37	37	36	36	36
25	26	27	Mini. Temp. (°C)	27	27	27	26	26
90	83	72	Maximum RH %	75	75	75	75	75
67	67	46	Minimum RH %	60	60	60	60	60
Partly cloudy	Partly cloudy	Partly cloudy	Cloud cover Octa	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy
West	West	North West	Wind direction	West	West	West	West	West
3	2	5	Wind speed Kmp	10	10	10	10	12

**Weather Summary for Villupuram district**

**Weather forecast for next five days: (29.07.2023-02.08.2023)**

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 36.0-37.0°C. Minimum temperature is expected to be around 26.0-27.0°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 10-12 km per hour and the wind direction will be from west.

**SMS Advisory:**

(31.07.2023-02.08.2023) Light to moderate rain is likely to occur at one or two places over Tamilnadu.

**Livestock Advisory:**

1. dryfodder and feed ingredients used for the preparation of concentrate mixture should be dry and free from aflatoxin
2. Give 75 ml of supernatant of diluted calcium in water to milking cow
3. Sheep and goat should be dewormed by using suitable anthelmintic by consulting with local veterinary doctor.
4. The increased humidity in pig sty may occasionally increase the ammonia concentration to prevent this; the sty must be facilitated with good ventilation

5. Increased humidity and air temperature may predispose rabbits to fungal infection leading to respiratory distress, to prevent this during rainy season the sidewalls of the rabbitry must be closed with gunny bags to prevent rainwater infiltration
6. The farmers rearing poultry in backyard system must prevent the birds from drinking, the stagnant water to prevent parasitic infestation.

### **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.

#### **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.

Sett 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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**(29.07.2023-02.08.2023)**



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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 30.0-31.0°C and Minimum temperature was 24.0-27.0°C. Wind speed was 03-06 km per hour. Relative humidity was recorded between 50-92%.

Past week Summary (25.07.2023-27.07.2023)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 02.08.2023				
25.07.2023	26.07.2023	27.07.2023		Date	29.07.2023	30.07.2023	31.07.2023	01.08.2023
12.1	4.3	0.0	Rainfall (mm)	0	2	0	2	3
30	30	31	Max. Temp. (°C)	36	36	36	36	35
24	25	27	Mini. Temp. (°C)	26	26	26	25	25
92	86	66	Maximum RH %	75	75	75	75	75
90	72	50	Minimum RH %	55	55	55	55	55
Partly cloudy	Partly cloudy	Partly cloudy	Cloud cover Octa	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy
West	South South West	South West	Wind direction	West	West	West	West	West
3	5	6	Wind speed Kmp	8	8	8	8	8

**Weather Summary for Kancheepuram district**

**Weather forecast for next five days: (29.07.2023-02.08.2023)**

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 25.0-26.0°C. Morning relative humidity is expected to be around 75 per cent and evening relative humidity is expected to be around 55 per cent. Wind speed is expected to be around 08 km per hour and the wind direction will be from West.

**SMS Advisory:**

(31.07.2023-02.08.2023) Light to moderate rain is likely to occur at one or two places over Tamilnadu.

## **Livestock Advisory:**

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3. Sheep and goat should be dewormed by using suitable anthelmintic by consulting with local veterinary doctor.
4. The increased humidity in pig sty may occasionally increase the ammonia concentration to prevent this; the sty must be facilitated with good ventilation
5. Increased humidity and air temperature may predispose rabbits to fungal infection leading to respiratory distress, to prevent this during rainy season the sidewalls of the rabbitry must be closed with gunny bags to prevent rainwater infiltration
6. The farmers rearing poultry in backyard system must prevent the birds from drinking, the stagnant water to prevent parasitic infestation.

## **Agricultural advisory**

### **Rice:**

The forecasted weather may cause leaf folder infestation in rice crop. The farmers are advised to monitor the field, if symptoms are observed it's advised to spray Chlorantraniliprole 18.5% 150 ml/ha.

### **Groundnut:**

There are possibilities of early leaf spot infestation in ground nut crop. For management farmers are advised to apply Chlorothalonil @ 400 g/acre.

### **Brinjal:**

There are possibilities of fruit borer infestation in Brinjal crop. For management farmers are advised setup the pheromone trap @ 6/ac.

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