



## Agromet Advisory Bulletin for the Chennai District

Bulletin no. 017/2024 Issued on 27.02.2024

(28.02.2024-03.03.2024)

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 32.0-34.0°C and Minimum temperature was 26.0-27.0°C. Wind speed was 04-07 km per hour. Relative humidity was recorded between 66-80 %.

Past week Summary (23.02.2024-26.02.2024)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 03.03.2024				
23.02.2024	24.02.2024	25.02.2024	26.02.2024		Date	28.02.2024	29.02.2024	01.03.2024	02.03.2024
0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
33	34	34	32	Max. Temp. (°C)	33	34	35	35	36
27	27	26	27	Mini. Temp. (°C)	26	26	27	27	26
80	76	66	70	Maximum RH %	90	90	90	80	90
77	71	66	71	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 East	South East	East South East	East South East	Wind direction	North East	East	East South East	South East	South East
5	6	4	7	Wind speed Kmp	10	10	10	10	14

### Weather Summary for Chennai district

#### Weather forecast for next five days: (28.02.2024-03.03.2024)

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 33.0-36.0°C. Minimum temperature is expected to be around 26.0-27.0°C. Morning relative humidity is expected to be around 80-90 per cent and evening relative humidity is expected to be around 30 per cent. Wind speed is expected to be around 10-14 km per hour and the wind direction will be from South East.

#### SMS Advisory:

(28.02.2024-03.03.2024) Dry weather is very likely to prevail over Tamilnadu.

## **Livestock Advisory**

1. The ewes does which are ready for mating must be supplemented with leguminous fodder and energy rich fodder along with minerals mixture and vitamins before mating where is called flushing.
2. The water provided for poultry must be whole some and clean, moreover it must also be checked whether the water is up to the standard for drinking water.
3. The dairy cattle must be supplemented with mineral mixture to enhance milk production.
4. Grazing animals with for jowl edema condition and pale eye mucosa must be immediately dewormed.
5. The mortality in piglets during this season may be prevented using heaters at appropriate temperature.
6. This month is conducive for breeding in sheep, it may be allowed for mating this month.
7. The ruminants must not be allowed to graze in dew laden grass before sunrise
8. Rabbit may be allowed by mating now due to conducive environment rabbit will kindle more bunnies during these months due to which necessary reproductive management must be followed.
9. The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age).

*Nodal Officer (GKMS)  
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**Agromet Advisory Bulletin for the Thiruvannamalai District**  
**Bulletin no. 017/2024 Issued on 27.02.2024**  
**(28.02.2024-03.03.2024)**



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 34.0-36.0°C and Minimum temperature was 22.0-26.0°C. Wind speed was 02-06 km per hour. Relative humidity was recorded between 50-86 %.

Past week Summary (23.02.2024-26.02.2024)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 03.03.2024				
23.02.2024	24.02.2024	25.02.2024	26.02.2024		Date	28.02.2024	29.02.2024	01.03.2024	02.03.2024
0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
36	36	35	34	Max. Temp. (°C)	33	34	34	35	35
25	26	24	22	Mini. Temp. (°C)	24	24	25	25	25
86	80	83	83	Maximum RH %	90	80	80	70	80
50	57	53	54	Minimum RH %	20	20	30	20	18
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	East	Wind direction	East North East	East	East South East	South East	South East
4	6	2	2	Wind speed Kmp	10	8	8	10	8

**Weather Summary for TVMalai district**

**Weather forecast for next five days: (28.02.2024-03.03.2024)**

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 33.0-35.0°C. Minimum temperature is expected to be around 24.0-25.0°C. Morning relative humidity is expected to be around 70-90 per cent and evening relative humidity is expected to be around 18-30 per cent. Wind speed is expected to be around 08-10 km per hour and the wind direction will be from South East.

**SMS Advisory:**

(28.02.2024-03.03.2024) Dry weather is very likely to prevail over Tamilnadu.

**Livestock Advisory:**

1. The ewes does which are ready for mating must be supplemented with leguminous fodder and energy rich fodder along with minerals mixture and vitamins before mating where is called flushing.
2. The water provided for poultry must be whole some and clean, moreover it must also be checked whether the water is up to the standard for drinking water.
3. The dairy cattle must be supplemented with mineral mixture to enhance milk production.

4. Grazing animals with for jowl edema condition and pale eye mucosa must be immediately dewormed.
5. The mortality in piglets during this season may be prevented using heaters at appropriate temperature.
6. This month is conducive for breeding in sheep, it may be allowed for mating this month.
7. The ruminants must not be allowed to graze in dew laden grass before sunrise
8. Rabbit may be allowed by mating now due to conducive environment rabbit will kindle more bunnies during these months due to which necessary reproductive management must be followed.
9. The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age).

### **Agricultural advisory**

#### **Rice:**

Spray 1% PPFM and incorporate the multiplied azolla insitu in the field for decomposition to release nitrogen.

To control leaf folder, to spray chlorantraniliprole 18.5% SC @ 6mg per 10 litre of water or fipronil 2ml/litre.

#### **Groundnut:**

To increase flower retention , pod filling and to induce drought tolerance apart from yield improvement , 2 sprays of groundnut rich @ 2 kg / acre( for each spray) at 35 DAS (50 % flowering ) and 45 DAS (pod development stage).

#### **Blackgram:**

To decreases flower shedding, to increase yield upto 20% and to increase drought tolerance spray TNAU pulse wonder @ 2 kg / acre at peak flowering stage in 200 litres of water.

#### **Banana:**

To control wilt in banana, apply Bacillus subtilis and Trichoderma viride @ 1 kg/acre. or drenching with Bacillus subtilis 5 ml/litre.

#### **Brinjal:**

To control sucking pests in brinjal crop, spray imidachloprid 0.3ml/litre of water.

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**Agromet Advisory Bulletin for the Villupuram District**  
**Bulletin no. 017/2024 Issued on 27.02.2024**

**(28.02.2024-03.03.2024)**

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 Villupuram.**

During past four days around Villupuram area, the sky was mostly clear. Maximum temperature was 32.0-33.0°C and Minimum temperature was 25.0-27.0°C. Wind speed was 00-05 km per hour. Relative humidity was recorded between 68-92 %.

Past week Summary (23.02.2024-26.02.2024)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 03.03.2024				
23.02.2024	24.02.2024	25.02.2024	26.02.2024		Date	28.02.2024	29.02.2024	01.03.2024	02.03.2024
0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
32	33	33	32	Max. Temp. (°C)	33	34	35	35	36
26	27	25	25	Mini. Temp. (°C)	26	25	26	26	26
92	89	86	84	Maximum RH %	90	90	90	90	90
78	76	68	78	Minimum RH %	40	40	40	40	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	East North East	Wind direction	North East	East North East	East	East South East	South East
3	0	2	5	Wind speed Kmp	10	8	10	10	10

**Weather Summary for Villupuram district**

**Weather forecast for next five days: (28.02.2024-03.03.2024)**

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 33.0-36.0°C. Minimum temperature is expected to be around 25.0-26.0°C. Morning relative humidity is expected to be around 90 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 South East.

**SMS Advisory:**

(28.02.2024-03.03.2024) Dry weather is very likely to prevail over Tamilnadu.

**Livestock Advisory:**

1. The ewes does which are ready for mating must be supplemented with leguminous fodder and energy rich fodder along with minerals mixture and vitamins before mating where is called flushing.
2. The water provided for poultry must be whole some and clean, moreover it must also be checked whether the water is up to the standard for drinking water.
3. The dairy cattle must be supplemented with mineral mixture to enhance milk production.

4. Grazing animals with for jowl edema condition and pale eye mucosa must be immediately dewormed.
5. The mortality in piglets during this season may be prevented using heaters at appropriate temperature.
6. This month is conducive for breeding in sheep, it may be allowed for mating this month.
7. The ruminants must not be allowed to graze in dew laden grass before sunrise
8. Rabbit may be allowed by mating now due to conducive environment rabbit will kindle more bunnies during these months due to which necessary reproductive management must be followed.
9. The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age).

### **Agricultural advisory**

#### **Rice:**

Due to prevailing weather conditions leaf folder and stem borer infestation 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 conditions gall midge infestation is found in paddy crop. To control spray chlorpyrifos 20% EC 500 ml/ac or phosalone 35 EC 600 ml/ac.

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 dinotefuran 20 SG @ 80 g/ac or pymetrozine 50% WG @ 120 g/ac or thiamethoxam 25 WG @ 40 g/ac with wetting agent.

#### **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

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**Agromet Advisory Bulletin for the Kancheepuram District**  
**Bulletin no. 017/2024 Issued on 27.02.2024**  
**(28.02.2024-03.03.2024)**



Issued jointly by  
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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 33.0-35.0°C and Minimum temperature was 23.0-26.0°C. Wind speed was 09-11 km per hour. Relative humidity was recorded between 61-82%.

Past week Summary (23.02.2024-26.02.2024)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 03.03.2024				
23.02.2024	24.02.2024	25.02.2024	26.02.2024		Date	28.02.2024	29.02.2024	01.03.2024	02.03.2024
0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
34	35	33	33	Max. Temp. (°C)	34	35	35	35	36
25	26	23	25	Mini. Temp. (°C)	23	23	22	23	24
82	76	70	64	Maximum RH %	90	90	90	90	90
76	61	74	63	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
East South East	South East	East	South South East	Wind direction	North East	East	East South East	South East	South South East
11	9	9	10	Wind speed Kmp	12	10	10	10	10

**Weather Summary for Kancheepuram district**

**Weather forecast for next five days: (28.02.2024-03.03.2024)**

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 34.0-36.0°C. Minimum temperature is expected to be around 22.0-24.0°C. Morning relative humidity is expected to be around 90 per cent and evening relative humidity is expected to be around 30 per cent. Wind speed is expected to be around 10-12 km per hour and the wind direction will be from South South East.

**SMS Advisory:**

(28.02.2024-03.03.2024) Dry weather is very likely to prevail over Tamilnadu.

**Livestock Advisory:**

1. The ewes does which are ready for mating must be supplemented with leguminous fodder and energy rich fodder along with minerals mixture and vitamins before mating where is called flushing.
2. The water provided for poultry must be whole some and clean, moreover it must also be checked whether the water is up to the standard for drinking water.

3. The dairy cattle must be supplemented with mineral mixture to enhance milk production.
4. Grazing animals with for jowl edema condition and pale eye mucosa must be immediately dewormed.
5. The mortality in piglets during this season may be prevented using heaters at appropriate temperature.
6. This month is conducive for breeding in sheep, it may be allowed for mating this month.
7. The ruminants must not be allowed to graze in dew laden grass before sunrise
8. Rabbit may be allowed by mating now due to conducive environment rabbit will kindle more bunnies during these months due to which necessary reproductive management must be followed.
9. The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age).

### **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.

#### **Blackgram:**

There are possibilities of leaf feeding Tobacco Caterpillar infestation in Black gram. For management farmers are advised to spray dichlorovos 76 WSC @ 1 lit/ha.

#### **Groundnut:**

There are possibilities of leaf feeding Tobacco Caterpillar infestation in ground nut crop. For management farmers are advised to spray dichlorovos 76 WSC @ 750 m.l./ha.

#### **Coconut:**

In coconut there are possibilities of Rugose Spiraling whitefly infestation. For management farmers are advised to take up spray of Neem oil @ 3% .

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