



## Agromet Advisory Bulletin for the Chennai District

Bulletin no. 075/2024 Issued on 16.09.2024

(17.09.2024-21.09.2024)

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 three days around Chennai area, the sky was mostly clear. Maximum temperature was 37.0°C and Minimum temperature was 29.0°C. Wind speed was 06 km per hour. Relative humidity was recorded between 68-75 %.

Past week Summary (13.09.2024-15.09.2024)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 21.09.2024				
13.09.2024	14.09.2024	15.09.2024		Date	17.09.2024	18.09.2024	19.09.2024	20.09.2024
0.0	0.0	0.0	Rainfall (mm)	0	0	2	0	1
37	37	37	Max. Temp. (°C)	38	38	38	37	37
29	29	29	Mini. Temp. (°C)	28	28	28	28	27
74	75	68	Maximum RH (%)	60	70	70	70	70
74	68	72	Minimum RH (%)	30	40	30	30	30
clear Sky	clear Sky	clear Sky	Cloud cover (Octa)	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
East	East South East	South East	Wind direction (Degree)	South West	South	South	South South West	South
6	6	6	Wind speed Kmp	14	16	16	16	16

### Weather Summary for Chennai district

#### Weather forecast for next five days: (17.09.2024-21.09.2024)

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 37.0-38.0°C. Minimum temperature is expected to be around 27.0-28.0°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 14-16 km per hour and the wind direction will be from South.

#### SMS Advisory:

(17.09.2024-21.09.2024) Light to moderate rain is likely to occur at isolated places over Tamilnadu,

#### Livestock Advisory:

1. The livestock must be provided with clean wholesome drinking water all round the clock.
2. To prevent the methane and ammonia accumulation in pig sty provision of proper ventilation is necessary
3. To prevent water stagnation proper drainage must be provided in livestock shelter
4. The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age)
5. The livestock must not be allowed to stand in stagnated water to prevent foot rot
6. The piglet must be protected from cold drafts to avoid shock, they must be provided with artificial heat source or incandescent bulb as the source of heat.

7. Higher air temp and relative humidity will pre dispose the rabbit to respiratory distress; to prevent this rabbitory must be maintained damp free.
8. To counteract over occurrence of infection during rainy season pregnant goat (adult goat) must be provided with vitamin and mineral supplementation

### **Agricultural advisory**

#### **Rice:**

Spray the TNAU Rice reap @ 3kg / acre by dissolving in 200 litre of water after adding required quantity of wetting agent at booting stage at 10days interval. It improves spikelet fertility, grain filling rate, tolerance against drought and high temperature.

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. 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.

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:**

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).

Due to prevailing weather conditions possible for thrips infestation in groundnut crop. To control spray quinalphos 25 EC 560 ml/ac. Due to prevailing weather conditions possible for leaf miner infestation in groundnut crop. To control set light trap @ 1/ha between 8 and 11 pm at ground level and spray quinalphos 25 EC 560 ml/ac.

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). To provide adequate drainage facility in lowland areas.

#### **Coconut:**

To control red palm weevil in coconut, apply neem seed kernel powder + sand (1:2) @150 g per palm in the base of the 3 inner most leaves in the crown. To control rhinoceros beetle, setup Rhino lure pheromone trap @ 2 traps/acre.

#### **Banana:**

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

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



## Agromet Advisory Bulletin for the Tiruvallur District

Bulletin no. 075/2024 Issued on 16.09.2024

(17.09.2024-21.09.2024)

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 Tiruvallur.

During past three days around Tiruvallur area, the sky was mostly clear. Maximum temperature was 37.0°C and Minimum temperature was 29.0°C. Wind speed was 06 km per hour. Relative humidity was recorded between 68-75 %.

Past week Summary (13.09.2024-15.09.2024)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 21.09.2024				
13.09.2024	14.09.2024	15.09.2024		Date	17.09.2024	18.09.2024	19.09.2024	20.09.2024
0.0	0.0	0.0	Rainfall (mm)	0	0	1	0	1
37	37	37	Max. Temp. (°C)	38	38	38	37	37
29	29	29	Mini. Temp. (°C)	28	28	28	28	27
74	75	68	Maximum RH (%)	60	70	70	70	70
74	68	72	Minimum RH (%)	30	40	30	30	30
clear Sky	clear Sky	clear Sky	Cloud cover (Octa)	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
East	East South East	South East	Wind direction (Degree)	West North West	South West	South West	South West	South West
6	6	6	Wind speed Kmp	12	10	12	10	12

### Weather Summary for Tiruvallur district

#### Weather forecast for next five days: (17.09.2024-21.09.2024)

According to district forecast issued by the India Meteorological Department for Tiruvallur district, sky will be mostly clear. Maximum temperature is expected to be around 37.0-38.0°C. Minimum temperature is expected to be around 27.0-28.0°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 10-12 km per hour and the wind direction will be from South West.

#### SMS Advisory:

(17.09.2024-21.09.2024) Light to moderate rain is likely to occur at isolated places over Tamilnadu,

#### Livestock Advisory:

1. The livestock must be provided with clean wholesome drinking water all round the clock.
2. To prevent the methane and ammonia accumulation in pig sty provision of proper ventilation is necessary
3. To prevent water stagnation proper drainage must be provided in livestock shelter
4. The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age)
5. The livestock must not be allowed to stand in stagnated water to prevent foot rot
6. The piglet must be protected from cold drafts to avoid shock, they must be provided with artificial heat source or incandescent bulb as the source of heat.
7. Higher air temp and relative humidity will pre dispose the rabbit to respiratory distress; to prevent this rabbitory must be maintained damp free.

8. To counteract over occurrence of infection during rainy season pregnant goat (adult goat) must be provided with vitamin and mineral supplementation

### **Agricultural advisory**

#### **Rice:**

Spray the TNAU Rice reap @ 3kg / acre by dissolving in 200 litre of water after adding required quantity of wetting agent at booting stage at 10days interval. It improves spikelet fertility, grain filling rate, tolerance against drought and high temperature.

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. 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.

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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).

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#### **Coconut:**

To control red palm weevil in coconut, apply neem seed kernel powder + sand (1:2) @150 g per palm in the base of the 3 inner most leaves in the crown. To control rhinoceros beetle, setup Rhino lure pheromone trap @ 2 traps/acre.

#### **Banana:**

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

*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. 075/2024 Issued on 16.09.2024

(17.09.2024-21.09.2024)

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 three days around TVMalai area, the sky was mostly clear. Maximum temperature was 36.0-37.0°C and Minimum temperature was 26.0-27.0°C. Wind speed was 06 km per hour. Relative humidity was recorded between 44-72 %.

Past week Summary (13.09.2024-15.09.2024)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 21.09.2024				
13.09.2024	14.09.2024	15.09.2024		Date	17.09.2024	18.09.2024	19.09.2024	20.09.2024
0.0	0.0	0.0	Rainfall (mm)	1	0	1	0	0
36	37	37	Max. Temp. (°C)	37	37	37	38	38
27	26	26	Mini. Temp. (°C)	26	26	27	27	27
72	70	65	Maximum RH (%)	70	70	70	70	70
50	44	50	Minimum RH (%)	30	30	30	30	30
clear Sky	clear Sky	clear Sky	Cloud cover (Octa)	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
North West	South South West	South South West	Wind direction (Degree)	West North West	West North West	West North West	West	West
6	6	6	Wind speed Kmp	12	10	12	12	12

## Weather Summary for TVMalai district

### Weather forecast for next five days: (17.09.2024-21.09.2024)

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 37.0-38.0°C. Minimum temperature is expected to be around 26.0-27.0°C. Morning relative humidity is expected to be around 70 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 West.

### SMS Advisory:

(17.09.2024-21.09.2024) Light to moderate rain is likely to occur at isolated places over Tamilnadu,

### Livestock Advisory:

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### **Agricultural advisory**

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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. 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.

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#### **Coconut:**

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#### **Banana:**

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

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



## Agromet Advisory Bulletin for the Vellore District

Bulletin no. 075/2024 Issued on 16.09.2024

(17.09.2024-21.09.2024)

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 Vellore.

During past three days around Vellore area, the sky was mostly clear. Maximum temperature was 36.0-37.0°C and Minimum temperature was 26.0-27.0°C. Wind speed was 06 km per hour. Relative humidity was recorded between 44-72 %.

Past week Summary (13.09.2024-15.09.2024)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 21.09.2024				
13.09.2024	14.09.2024	15.09.2024	Date	17.09.2024	18.09.2024	19.09.2024	20.09.2024	21.09.2024
0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
36	37	37	Max. Temp. (°C)	37	37	37	38	38
27	26	26	Mini. Temp. (°C)	26	26	27	27	27
72	70	65	Maximum RH (%)	70	70	70	70	70
50	44	50	Minimum RH (%)	30	30	30	30	30
clear Sky	clear Sky	clear Sky	Cloud cover (Octa)	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
North West	South South West	South South West	Wind direction (Degree)	West North West	West North West	West North West	West	West
6	6	6	Wind speed Kmp	16	12	10	12	12

### Weather Summary for Vellore district

#### Weather forecast for next five days: (17.09.2024-21.09.2024)

According to district forecast issued by the India Meteorological Department for Vellore district, sky will be mostly clear. Maximum temperature is expected to be around 37.0-38.0°C. Minimum temperature is expected to be around 26.0-27.0°C. Morning relative humidity is expected to be around 70 per cent and evening relative humidity is expected to be around 30 per cent. Wind speed is expected to be around 10-16 km per hour and the wind direction will be from West.

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*Nodal Officer (GKMS)  
Professor and Head,  
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Madras Veterinary College, Chennai - 7*





**Agromet Advisory Bulletin for the Villupuram District**  
**Bulletin no. 075/2024 Issued on 16.09.2024**  
**(17.09.2024-21.09.2024)**  
**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 Villupuram.**

During past three days around Villupuram area, the sky was mostly clear. Maximum temperature was 35.0-37.0°C and Minimum temperature was 26.0-27.0°C. Wind speed was 02-07 km per hour. Relative humidity was recorded between 71-83 %.

Past week Summary (13.09.2024-15.09.2024)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 21.09.2024				
13.09.2024	14.09.2024	15.09.2024		Date	17.09.2024	18.09.2024	19.09.2024	20.09.2024
0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
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27	27	26	Mini. Temp. (°C)	26	27	27	27	28
82	71	83	Maximum RH (%)	60	60	50	50	60
79	79	76	Minimum RH (%)	30	20	20	30	30
clear Sky	clear Sky	clear Sky	Cloud cover (Octa)	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
North West	South	South	Wind direction (Degree)	West	West South West	South West	South West	South West
2	7	4	Wind speed Kmp	12	14	16	14	16

**Weather Summary for Villupuram district**

**Weather forecast for next five days: (17.09.2024-21.09.2024)**

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Madras Veterinary College, Chennai - 7*



## Agromet Advisory Bulletin for the Cuddalore District

Bulletin no. 075/2024 Issued on 16.09.2024

(17.09.2024-21.09.2024)

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 Cuddalore.

During past three days around Cuddalore area, the sky was mostly clear. Maximum temperature was 35.0-37.0°C and Minimum temperature was 26.0-27.0°C. Wind speed was 02-07 km per hour. Relative humidity was recorded between 71-83 %.

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27	27	26	Mini. Temp. (°C)	26	27	27	27	28
82	71	83	Maximum RH (%)	60	60	50	50	60
79	79	76	Minimum RH (%)	30	20	20	30	30
clear Sky	clear Sky	clear Sky	Cloud cover (Octa)	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
North West	South	South	Wind direction (Degree)	West South West	South West	South South West	South South West	South South West
2	7	4	Wind speed Kmp	16	12	14	14	14

### Weather Summary for Cuddalore district

#### Weather forecast for next five days: (17.09.2024-21.09.2024)

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#### SMS Advisory:

(17.09.2024-21.09.2024) Light to moderate rain is likely to occur at isolated places over Tamilnadu,

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2. To prevent the methane and ammonia accumulation in pig sty provision of proper ventilation is necessary
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### **Agricultural advisory**

#### **Rice:**

Spray the TNAU Rice reap @ 3kg / acre by dissolving in 200 litre of water after adding required quantity of wetting agent at booting stage at 10days interval. It improves spikelet fertility, grain filling rate, tolerance against drought and high temperature.

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. 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.

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:**

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).

Due to prevailing weather conditions possible for thrips infestation in groundnut crop. To control spray quinalphos 25 EC 560 ml/ac. Due to prevailing weather conditions possible for leaf miner infestation in groundnut crop. To control set light trap @ 1/ha between 8 and 11 pm at ground level and spray quinalphos 25 EC 560 ml/ac.

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). To provide adequate drainage facility in lowland areas.

#### **Coconut:**

To control red palm weevil in coconut, apply neem seed kernel powder + sand (1:2) @150 g per palm in the base of the 3 inner most leaves in the crown. To control rhinoceros beetle, setup Rhino lure pheromone trap @ 2 traps/acre.

#### **Banana:**

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

*Nodal Officer (GKMS)  
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**Agromet Advisory Bulletin for the Kancheepuram District**  
**Bulletin no. 075/2024 Issued on 16.09.2024**  
**(17.09.2024-21.09.2024)**



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 Kancheepuram.**

During past three days around Kancheepuram area, the sky was mostly clear. Maximum temperature was 37.0-38.0°C and Minimum temperature was 28.0°C. Wind speed was 06-08 km per hour. Relative humidity was recorded between 58-68 %.

Past week Summary (13.09.2024-15.09.2024)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 21.09.2024				
13.09.2024	14.09.2024	15.09.2024		Date	17.09.2024	18.09.2024	19.09.2024	20.09.2024
0.0	0.0	0.0	Rainfall (mm)	0	0	1	0	0
37	38	38	Max. Temp. (°C)	38	38	38	37	38
28	28	28	Mini. Temp. (°C)	28	28	28	27	28
64	67	62	Maximum RH (%)	60	60	70	70	60
68	58	64	Minimum RH (%)	30	30	30	30	30
clear Sky	clear Sky	clear Sky	Cloud cover (Octa)	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
East South East	South East	South South East	Wind direction (Degree)	West North West	South West	South South West	South West	South West
6	6	8	Wind speed Kmp	16	14	16	14	14

**Weather Summary for Kancheepuram district**

**Weather forecast for next five days: (17.09.2024-21.09.2024)**

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 37.0-38.0°C. Minimum temperature is expected to be around 27.0-28.0°C. Morning relative humidity is expected to be around 60-70 per cent and evening relative humidity is expected to be around 30 per cent. Wind speed is expected to be around 14-16 km per hour and the wind direction will be from South West.

**SMS Advisory:**

(17.09.2024-21.09.2024) Light to moderate rain is likely to occur at isolated places over Tamilnadu,

**Livestock Advisory:**

1. The livestock must be provided with clean wholesome drinking water all round the clock.
2. To prevent the methane and ammonia accumulation in pig sty provision of proper ventilation is necessary
3. To prevent water stagnation proper drainage must be provided in livestock shelter
4. The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age)
5. The livestock must not be allowed to stand in stagnated water to prevent foot rot
6. The piglet must be protected from cold drafts to avoid shock, they must be provided with artificial heat source or incandescent bulb as the source of heat.

7. Higher air temp and relative humidity will pre dispose the rabbit to respiratory distress; to prevent this rabbitry must be maintained damp free.
8. To counteract over occurrence of infection during rainy season pregnant goat (adult goat) must be provided with vitamin and mineral supplementation

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