

Agromet Advisory Bulletin for the Chennai District Bulletin no. 006/2025 Issued on 21.01.2025 (22.01.2025-26.01.2025)

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 28.0-30.0°C and Minimum temperature was 23.0-24.0°C. Wind speed was 06-08 km per hour. Relative humidity was recorded between 70-96 %.

| Past week Summary (17.01.2025-20.01.2025) | | | | Parameters | Ensemble weather forecast valid until 08.30 hrs of 26.01.2025 | | | | 30 hrs of |
|---|------------------|-----------------------|------------------|----------------------------|---|-----------------------|------------------|------------------|-----------------------|
| 17.01.2025 | 18.01.2025 | 19.01.2025 | 20.01.2025 | Date | 22.01.2025 | 23.01.2025 | 24.01.2025 | 25.01.2025 | 26.01.2025 |
| 0.0 | 0.0 | 27.4 | 1.3 | Rainfall (mm) | 0 | 0 | 0 | 0 | 0 |
| 30 | 29 | 28 | 29 | Max. Temp. (° C) | 28 | 28 | 28 | 29 | 29 |
| 24 | 23 | 24 | 23 | Mini. Temp. (° C) | 23 | 23 | 23 | 22 | 22 |
| 72 | 77 | 96 | 91 | Maximum RH (%) | 96 | 96 | 96 | 91 | 91 |
| 70 | 82 | 80 | 74 | Minimum RH (%) | 80 | 80 | 80 | 74 | 74 |
| Partly cloudy | Partly cloudy | Partly cloudy | Partly cloudy | Cloud cover (Octa) | Partly cloudy | Partly cloudy | Partly cloudy | Partly cloudy | Partly cloudy |
| North North East | North | East North East | North | Wind direction (Degree) | East South East | East South East | East | North East | East North East |
| 7 | 6 | 8 | 8 | Wind speed Kmp | 10 | 12 | 12 | 12 | 14 |

Weather Summary for Chennai district

Weather forecast for next five days: (22.01.2025-26.01.2025)

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 28.0-29.0°C. Minimum temperature is expected to be around 22.0-23.0°C. Morning relative humidity is expected to be around 91-96 per cent and evening relative humidity is expected to be around 74-80 per cent. Wind speed is expected to be around 10-14 km per hour and the wind direction will be from East North East.

SMS Advisory:

(22.01.2025-26.01.2025) Mist/ Haze conditions are very likely to prevail at isolated pockets of Tamil Nadu during morning hours.

- 1. Livestock must be give medicated bath to avoid ectoparasite infestation. Moreover dipping must be done on a sunny day.
- 2. The surplus fodder available must be preserved as silage for summer feeding.
- 3. The livestock must be provided in clean wholesome drinking water
- 4. To prevent water stagnation proper drainage must be provided in livestock shelter.
- 5. Scabies affected rabbits must be isolated and treated. The cage must be disinfected with flame gun.

- 6. Newly born piglets must be protected from cold drafts
- 7. To prevent the methane and ammonia accumulation in pig sty provision of proper ventilation is necessary.
- 8. The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age).
- 9. Add 5%shell grit in laying hens for optimum egg production.

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 favorable, blast infection is found in paddy crop. To manage the blast, spray tricyclazole 75% WP 200 g/acre or carbendazim 50WP @ 200g/acre (or) azoxystrobin 25 SC @ 200 ml/acre at morning or evening time.

The forecasted weather may cause stem borer and 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:

Drain out excess water in groundnut field and resowing of same variety in cyclone affected fields.

In groundnut there are possibilities of stemrot infestation. For management farmers are advised to application of Trichoderma viride @2.5 kg/ha, mixed with 50 kg FYM.

Cotton:

Due to prevailing weather conditions, there are chances of cotton root rot infection. To control spot drench with carbendazim 1.0 g/l.

Cashew:

To control tea mosquito bug first spraying with thiamethoxam 25% WG (100 g/ha) at flushing stage, second spraying with chlorpyriphos 2.0 ml/lit at flowering and third spraying with profenophos 1.0 ml/lit at fruit set stage.

Banana:

Prevailing weather condition is favorable for sigatoka leaf spot infection in banana. To control spray carbendazim 1.0 g/l or propiconazole 1.0 ml/l or mancozeb 2.5 g/l and sticking agent 1.0 ml/l at 10-15 day intervals.

Prevailing weather condition is favorable for panama wilt and nematode infection in banana. To control apply <u>Bacillus subtilis</u> 1.0 kg/ha + Paecilomyceslilacinus 1.0 kg/ha at 2, 4 and 6th months of planting.

.



Agromet Advisory Bulletin for the Tiruvallur District Bulletin no. 006/2025 Issued on 21.01.2025 (22.01.2025-26.01.2025)

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 four days around Tiruvallur area, the sky was mostly clear. Maximum temperature was 28.0-30.0°C and Minimum temperature was 23.0-24.0°C. Wind speed was 06-08 km per hour. Relative humidity was recorded between 70-96 %.

| Past week Summary (17.01.2025-20.01.2025) | | | | Parameters | Ensemble weather forecast valid until 08.30 hrs 26.01.2025 | | | | 30 hrs of |
|---|------------------|-----------------------|------------------|----------------------------|--|-----------------------|------------------|------------------|-----------------------|
| 17.01.2025 | 18.01.2025 | 19.01.2025 | 20.01.2025 | Date | 22.01.2025 | 23.01.2025 | 24.01.2025 | 25.01.2025 | 26.01.2025 |
| 0.0 | 0.0 | 23.5 | 13.4 | Rainfall (mm) | 0 | 0 | 0 | 0 | 0 |
| 30 | 29 | 28 | 29 | Max. Temp. (° C) | 28 | 28 | 28 | 29 | 29 |
| 24 | 23 | 24 | 23 | Mini. Temp. (° C) | 23 | 23 | 23 | 22 | 22 |
| 72 | 77 | 96 | 91 | Maximum RH (%) | 96 | 96 | 96 | 91 | 91 |
| 70 | 82 | 80 | 74 | Minimum RH (%) | 80 | 80 | 80 | 74 | 74 |
| Partly cloudy | Partly cloudy | Partly cloudy | Partly cloudy | Cloud cover (Octa) | Partly cloudy | Partly cloudy | Partly cloudy | Partly cloudy | Partly cloudy |
| North North East | North | East North East | North | Wind direction (Degree) | East South East | East South East | East | North East | East North East |
| 7 | 6 | 8 | 8 | Wind speed Kmp | 10 | 12 | 12 | 12 | 14 |

Weather Summary for Tiruvallur district

Weather forecast for next five days: (22.01.2025-26.01.2025)

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 28.0-29.0°C. Minimum temperature is expected to be around 22.0-23.0°C. Morning relative humidity is expected to be around 91-96 per cent and evening relative humidity is expected to be around 74-80 per cent. Wind speed is expected to be around 10-14 km per hour and the wind direction will be from East North East.

SMS Advisory:

(22.01.2025-26.01.2025) Mist/ Haze conditions are very likely to prevail at isolated pockets of Tamil Nadu during morning hours.

- 1. Livestock must be give medicated bath to avoid ectoparasite infestation. Moreover dipping must be done on a sunny day.
- 2. The surplus fodder available must be preserved as silage for summer feeding.
- 3. The livestock must be provided in clean wholesome drinking water
- 4. To prevent water stagnation proper drainage must be provided in livestock shelter.
- 5. Scabies affected rabbits must be isolated and treated. The cage must be disinfected with flame gun.
- 6. Newly born piglets must be protected from cold drafts

- 7. To prevent the methane and ammonia accumulation in pig sty provision of proper ventilation is necessary.
- 8. The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age).
- 9. Add 5%shell grit in laying hens for optimum egg production.

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 favorable, blast infection is found in paddy crop. To manage the blast, spray tricyclazole 75% WP 200 g/acre or carbendazim 50WP @ 200g/acre (or) azoxystrobin 25 SC @ 200 ml/acre at morning or evening time.

The forecasted weather may cause stem borer and leaf folder infestation in rice crop.

The formers are advised to manifest the field if symptoms are charged it's advised to

The farmers are advised to monitor the field, if symptoms are observed it's advised to spray Chlorantraniliprole 18.5% 150 ml/ha.

Groundnut:

Drain out excess water in groundnut field and resowing of same variety in cyclone affected fields.

In groundnut there are possibilities of stemrot infestation. For management farmers are advised to application of Trichoderma viride @2.5 kg/ha, mixed with 50 kg FYM.

Cotton:

Due to prevailing weather conditions, there are chances of cotton root rot infection. To control spot drench with carbendazim 1.0 g/l.

Cashew:

To control tea mosquito bug first spraying with thiamethoxam 25% WG (100 g/ha) at flushing stage, second spraying with chlorpyriphos 2.0 ml/lit at flowering and third spraying with profenophos 1.0 ml/lit at fruit set stage.

Banana:

Prevailing weather condition is favorable for sigatoka leaf spot infection in banana. To control spray carbendazim 1.0 g/l or propiconazole 1.0 ml/l or mancozeb 2.5 g/l and sticking agent 1.0 ml/l at 10-15 day intervals.

Prevailing weather condition is favorable for panama wilt and nematode infection in banana. To control apply <u>Bacillus subtilis</u> 1.0 kg/ha + Paecilomyceslilacinus 1.0 kg/ha at 2, 4 and 6th months of planting.



Agromet Advisory Bulletin for the Thiruvannamalai District Bulletin no. 006/2025 Issued on 21.01.2025 (22.01.2025-26.01.2025)

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 26.0-29.0°C and Minimum temperature was 20.0-21.0°C. Wind speed was 00-03 km per hour. Relative humidity was recorded between 69-96 %.

| Past week Summary (17.01.2025-20.01.2025) | | | | Parameters | Ensemble weather forecast valid until 08.30 hr 26.01.2025 | | | | |
|---|------------------|------------------|------------------|----------------------------|---|-----------------------|------------------|-----------------------|-----------------------|
| 17.01.2025 | 18.01.2025 | 19.01.2025 | 20.01.2025 | Date | 22.01.2025 | 23.01.2025 | 24.01.2025 | 25.01.2025 | 26.01.2025 |
| 0.0 | 0.0 | 6.8 | 6.3 | Rainfall (mm) | 0 | 0 | 0 | 0 | 0 |
| 29 | 29 | 27 | 26 | Max. Temp. (° C) | 26 | 26 | 26 | 27 | 27 |
| 20 | 20 | 21 | 20 | Mini. Temp. (° C) | 20 | 20 | 20 | 19 | 19 |
| 91 | 91 | 96 | 95 | Maximum RH (%) | 91 | 91 | 91 | 90 | 90 |
| 69 | 70 | 95 | 94 | Minimum RH (%) | 80 | 80 | 80 | 76 | 76 |
| Partly cloudy | Partly cloudy | Partly cloudy | Partly cloudy | Cloud cover (Octa) | Partly cloudy | Partly cloudy | Partly cloudy | Partly cloudy | Partly cloudy |
| East North East | East | | | Wind direction (Degree) | East South East | East South East | East | East North East | East North East |
| 3 | 2 | 0 | 0 | Wind speed Kmp | 10 | 12 | 12 | 12 | 14 |

Weather Summary for TVMalai district

Weather forecast for next five days: (22.01.2025-26.01.2025)

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 26.0-27.0°C. Minimum temperature is expected to be around 19.0-20.0°C. Morning relative humidity is expected to be around 90-91 per cent and evening relative humidity is expected to be around 76-80 per cent. Wind speed is expected to be around 10-14 km per hour and the wind direction will be from East North East.

SMS Advisory:

(22.01.2025-26.01.2025) Mist/ Haze conditions are very likely to prevail at isolated pockets of Tamil Nadu during morning hours.

- 1. Livestock must be give medicated bath to avoid ectoparasite infestation. Moreover dipping must be done on a sunny day.
- 2. The surplus fodder available must be preserved as silage for summer feeding.
- 3. The livestock must be provided in clean wholesome drinking water
- 4. To prevent water stagnation proper drainage must be provided in livestock shelter.
- 5. Scabies affected rabbits must be isolated and treated. The cage must be disinfected with flame gun.
- 6. Newly born piglets must be protected from cold drafts

- 7. To prevent the methane and ammonia accumulation in pig sty provision of proper ventilation is necessary.
- 8. The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age).
- 9. Add 5%shell grit in laying hens for optimum egg production.

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 favorable, blast infection is found in paddy crop. To manage the blast, spray tricyclazole 75% WP 200 g/acre or carbendazim 50WP @ 200g/acre (or) azoxystrobin 25 SC @ 200 ml/acre at morning or evening time.

The forecasted weather may cause stem borer and 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:

Drain out excess water in groundnut field and resowing of same variety in cyclone affected fields.

In groundnut there are possibilities of stemrot infestation. For management farmers are advised to application of Trichoderma viride @2.5 kg/ha, mixed with 50 kg FYM.

Cotton:

Due to prevailing weather conditions, there are chances of cotton root rot infection. To control spot drench with carbendazim 1.0 g/l.

Cashew:

To control tea mosquito bug first spraying with thiamethoxam 25% WG (100 g/ha) at flushing stage, second spraying with chlorpyriphos 2.0 ml/lit at flowering and third spraying with profenophos 1.0 ml/lit at fruit set stage.

Banana:

Prevailing weather condition is favorable for sigatoka leaf spot infection in banana. To control spray carbendazim 1.0 g/l or propiconazole 1.0 ml/l or mancozeb 2.5 g/l and sticking agent 1.0 ml/l at 10-15 day intervals.

Prevailing weather condition is favorable for panama wilt and nematode infection in banana. To control apply <u>Bacillus subtilis</u> 1.0 kg/ha + Paecilomyceslilacinus 1.0 kg/ha at 2, 4 and 6th months of planting.



Agromet Advisory Bulletin for the Vellore District Bulletin no. 006/2025 Issued on 21.01.2025 (22.01.2025-26.01.2025)

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 Vellore.

During past four days around Vellore area, the sky was mostly clear. Maximum temperature was 26.0-29.0°C and Minimum temperature was 20.0-21.0°C. Wind speed was 00-03 km per hour. Relative humidity was recorded between 69-96 %.

| Past week Summary (17.01,2025-20.01,2025) | | | | Parameters | Ensemble weather forecast valid until 08.30 hr 26.01.2025 | | | | |
|---|------------------|------------------|------------------|----------------------------|---|-----------------------|------------------|-----------------------|-----------------------|
| 17.01.2025 | 18.01.2025 | 19.01.2025 | 20.01.2025 | Date | 22.01.2025 | 23.01.2025 | 24.01.2025 | 25.01.2025 | 26.01.2025 |
| 0.0 | 0.0 | 8.7 | 14.3 | Rainfall (mm) | 0 | 0 | 0 | 0 | 0 |
| 29 | 29 | 27 | 26 | Max. Temp. (° C) | 26 | 26 | 26 | 27 | 27 |
| 20 | 20 | 21 | 20 | Mini. Temp. (° C) | 20 | 20 | 20 | 19 | 19 |
| 91 | 91 | 96 | 95 | Maximum RH (%) | 91 | 91 | 91 | 90 | 90 |
| 69 | 70 | 95 | 94 | Minimum RH (%) | 80 | 80 | 80 | 76 | 76 |
| Partly cloudy | Partly cloudy | Partly cloudy | Partly cloudy | Cloud cover (Octa) | Partly cloudy | Partly cloudy | Partly cloudy | Partly cloudy | Partly cloudy |
| East North East | East | | | Wind direction (Degree) | East South East | East South East | East | East North East | East North East |
| 3 | 2 | 0 | 0 | Wind speed Kmp | 10 | 12 | 12 | 12 | 14 |

Weather Summary for Vellore district

Weather forecast for next five days: (22.01.2025-26.01.2025)

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 26.0-27.0°C. Minimum temperature is expected to be around 19.0-20.0°C. Morning relative humidity is expected to be around 90-91 per cent and evening relative humidity is expected to be around 76-80 per cent. Wind speed is expected to be around 10-14 km per hour and the wind direction will be from East North East.

SMS Advisory:

(22.01.2025-26.01.2025) Mist/ Haze conditions are very likely to prevail at isolated pockets of Tamil Nadu during morning hours.

- 1. Livestock must be give medicated bath to avoid ectoparasite infestation. Moreover dipping must be done on a sunny day.
- 2. The surplus fodder available must be preserved as silage for summer feeding.
- 3. The livestock must be provided in clean wholesome drinking water
- 4. To prevent water stagnation proper drainage must be provided in livestock shelter.
- 5. Scabies affected rabbits must be isolated and treated. The cage must be disinfected with flame gun.
- 6. Newly born piglets must be protected from cold drafts

- 7. To prevent the methane and ammonia accumulation in pig sty provision of proper ventilation is necessary.
- 8. The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age).
- 9. Add 5%shell grit in laying hens for optimum egg production.

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 favorable, blast infection is found in paddy crop. To manage the blast, spray tricyclazole 75% WP 200 g/acre or carbendazim 50WP @ 200g/acre (or) azoxystrobin 25 SC @ 200 ml/acre at morning or evening time.

The forecasted weather may cause stem borer and 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:

Drain out excess water in groundnut field and resowing of same variety in cyclone affected fields.

In groundnut there are possibilities of stemrot infestation. For management farmers are advised to application of Trichoderma viride @2.5 kg/ha, mixed with 50 kg FYM.

Cotton:

Due to prevailing weather conditions, there are chances of cotton root rot infection. To control spot drench with carbendazim 1.0 g/l.

Cashew:

To control tea mosquito bug first spraying with thiamethoxam 25% WG (100 g/ha) at flushing stage, second spraying with chlorpyriphos 2.0 ml/lit at flowering and third spraying with profenophos 1.0 ml/lit at fruit set stage.

Banana:

Prevailing weather condition is favorable for sigatoka leaf spot infection in banana. To control spray carbendazim 1.0 g/l or propiconazole 1.0 ml/l or mancozeb 2.5 g/l and sticking agent 1.0 ml/l at 10-15 day intervals.

Prevailing weather condition is favorable for panama wilt and nematode infection in banana. To control apply <u>Bacillus subtilis</u> 1.0 kg/ha + Paecilomyceslilacinus 1.0 kg/ha at 2, 4 and 6th months of planting.



Agromet Advisory Bulletin for the Villupuram District Bulletin no. 006/2025 Issued on 21.01.2025 (22.01.2025-26.01.2025)

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 four days around Villupuram area, the sky was mostly clear. Maximum temperature was 26.0-30.0°C and Minimum temperature was 21.0-22.0°C. Wind speed was 05 km per hour. Relative humidity was recorded between 80-93 %.

| Past week Summary (17.01,2025-20.01,2025) | | | | Parameters | Ensemble weather forecast valid until 08.30 h 26.01.2025 | | | | |
|---|------------------|------------------------|------------------|----------------------------|---|------------------|------------------|-----------------------|-----------------------|
| 17.01.2025 | 18.01.2025 | 19.01.2025 | 20.01.2025 | Date | 22.01.2025 | 23.01.2025 | 24.01.2025 | 25.01.2025 | 26.01.2025 |
| 0.0 | 0.0 | 1.2 | 2.2 | Rainfall (mm) | 0 | 0 | 0 | 0 | 0 |
| 30 | 29 | 26 | 30 | Max. Temp. (° C) | 29 | 29 | 29 | 30 | 30 |
| 21 | 21 | 21 | 22 | Mini. Temp. (° C) | 22 | 22 | 22 | 21 | 21 |
| 91 | 90 | 91 | 93 | Maximum RH (%) | 93 | 93 | 93 | 90 | 90 |
| 80 | 88 | 86 | 83 | Minimum RH (%) | 86 | 86 | 86 | 83 | 83 |
| Partly cloudy | Partly cloudy | Partly cloudy | Partly cloudy | Cloud cover (Octa) | Partly cloudy | Partly cloudy | Partly cloudy | Partly cloudy | Partly cloudy |
| North East | North West | North North East | North East | Wind direction (Degree) | East | East | East | East North East | East North East |
| 5 | 5 | 5 | 5 | Wind speed Kmp | 10 | 12 | 12 | 14 | 12 |

Weather Summary for Villupuram district

Weather forecast for next five days: (22.01.2025-26.01.2025)

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 29.0-30.0°C. Minimum temperature is expected to be around 21.0-22.0°C. Morning relative humidity is expected to be around 90-93 per cent and evening relative humidity is expected to be around 83-86 per cent. Wind speed is expected to be around 10-14 km per hour and the wind direction will be from East North East.

SMS Advisory:

(22.01.2025-26.01.2025) Mist/ Haze conditions are very likely to prevail at isolated pockets of Tamil Nadu during morning hours.

- 1. Livestock must be give medicated bath to avoid ectoparasite infestation. Moreover dipping must be done on a sunny day.
- 2. The surplus fodder available must be preserved as silage for summer feeding.
- 3. The livestock must be provided in clean wholesome drinking water
- 4. To prevent water stagnation proper drainage must be provided in livestock shelter.
- 5. Scabies affected rabbits must be isolated and treated. The cage must be disinfected with flame gun.
- 6. Newly born piglets must be protected from cold drafts

- 7. To prevent the methane and ammonia accumulation in pig sty provision of proper ventilation is necessary.
- 8. The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age).
- 9. Add 5%shell grit in laying hens for optimum egg production.

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 favorable, blast infection is found in paddy crop. To manage the blast, spray tricyclazole 75% WP 200 g/acre or carbendazim 50WP @ 200g/acre (or) azoxystrobin 25 SC @ 200 ml/acre at morning or evening time.

The forecasted weather may cause stem borer and 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:

Drain out excess water in groundnut field and resowing of same variety in cyclone affected fields.

In groundnut there are possibilities of stemrot infestation. For management farmers are advised to application of Trichoderma viride @2.5 kg/ha, mixed with 50 kg FYM.

Cotton:

Due to prevailing weather conditions, there are chances of cotton root rot infection. To control spot drench with carbendazim 1.0 g/l.

Cashew:

To control tea mosquito bug first spraying with thiamethoxam 25% WG (100 g/ha) at flushing stage, second spraying with chlorpyriphos 2.0 ml/lit at flowering and third spraying with profenophos 1.0 ml/lit at fruit set stage.

Banana:

Prevailing weather condition is favorable for sigatoka leaf spot infection in banana. To control spray carbendazim 1.0 g/l or propiconazole 1.0 ml/l or mancozeb 2.5 g/l and sticking agent 1.0 ml/l at 10-15 day intervals.

Prevailing weather condition is favorable for panama wilt and nematode infection in banana. To control apply <u>Bacillus subtilis</u> 1.0 kg/ha + Paecilomyceslilacinus 1.0 kg/ha at 2, 4 and 6th months of planting.



Agromet Advisory Bulletin for the Cuddalore District Bulletin no. 006/2025 Issued on 21.01.2025 (22.01.2025-26.01.2025)

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 four days around Cuddalore area, the sky was mostly clear. Maximum temperature was 26.0-30.0°C and Minimum temperature was 21.0-22.0°C. Wind speed was 05 km per hour. Relative humidity was recorded between 80-93 %.

| | Past week (17.01.2025- | • | | Parameters | Ensemble weather forecast valid until 08.30 hrs 26.01.2025 | | | | 30 hrs of |
|------------------|---------------------------|------------------------|------------------|----------------------------|--|---------------|------------------|-----------------------|-----------------------|
| 17.01.2025 | 18.01.2025 | 19.01.2025 | 20.01.2025 | Date | 22.01.2025 | 23.01.2025 | 24.01.2025 | 25.01.2025 | 26.01.2025 |
| 0.0 | 0.0 | 1.1 | 2.0 | Rainfall (mm) | 0 | 12 | 0 | 0 | 0 |
| 30 | 29 | 26 | 30 | Max. Temp. (° C) | 29 | 29 | 29 | 30 | 30 |
| 21 | 21 | 21 | 22 | Mini. Temp. (° C) | 22 | 22 | 22 | 21 | 21 |
| 91 | 90 | 91 | 93 | Maximum RH (%) | 93 | 93 | 93 | 90 | 90 |
| 80 | 88 | 86 | 83 | Minimum RH (%) | 86 | 86 | 86 | 83 | 83 |
| Partly cloudy | Partly cloudy | Partly cloudy | Partly cloudy | Cloud cover (Octa) | Partly cloudy | Partly cloudy | Partly cloudy | Partly cloudy | Partly cloudy |
| North East | North West | North North East | North East | Wind direction (Degree) | East | East | East | East North East | East North East |
| 5 | 5 | 5 | 5 | Wind speed Kmp | 10 | 12 | 12 | 14 | 12 |

Weather Summary for Cuddalore district

Weather forecast for next five days: (22.01.2025-26.01.2025)

According to district forecast issued by the India Meteorological Department for Cuddalore district, sky will be mostly clear. Maximum temperature is expected to be around 29.0-30.0°C. Minimum temperature is expected to be around 21.0-22.0°C. Morning relative humidity is expected to be around 90-93 per cent and evening relative humidity is expected to be around 83-86 per cent. Wind speed is expected to be around 10-14 km per hour and the wind direction will be from East North East.

SMS Advisory:

(22.01.2025-26.01.2025) Mist/ Haze conditions are very likely to prevail at isolated pockets of Tamil Nadu during morning hours.

- 1. Livestock must be give medicated bath to avoid ectoparasite infestation. Moreover dipping must be done on a sunny day.
- 2. The surplus fodder available must be preserved as silage for summer feeding.
- 3. The livestock must be provided in clean wholesome drinking water
- 4. To prevent water stagnation proper drainage must be provided in livestock shelter.
- 5. Scabies affected rabbits must be isolated and treated. The cage must be disinfected with flame gun.
- 6. Newly born piglets must be protected from cold drafts

- 7. To prevent the methane and ammonia accumulation in pig sty provision of proper ventilation is necessary.
- 8. The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age).
- 9. Add 5%shell grit in laying hens for optimum egg production.

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 favorable, blast infection is found in paddy crop. To manage the blast, spray tricyclazole 75% WP 200 g/acre or carbendazim 50WP @ 200g/acre (or) azoxystrobin 25 SC @ 200 ml/acre at morning or evening time.

The forecasted weather may cause stem borer and 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:

Drain out excess water in groundnut field and resowing of same variety in cyclone affected fields.

In groundnut there are possibilities of stemrot infestation. For management farmers are advised to application of Trichoderma viride @2.5 kg/ha, mixed with 50 kg FYM.

Cotton:

Due to prevailing weather conditions, there are chances of cotton root rot infection. To control spot drench with carbendazim 1.0 g/l.

Cashew:

To control tea mosquito bug first spraying with thiamethoxam 25% WG (100 g/ha) at flushing stage, second spraying with chlorpyriphos 2.0 ml/lit at flowering and third spraying with profenophos 1.0 ml/lit at fruit set stage.

Banana:

Prevailing weather condition is favorable for sigatoka leaf spot infection in banana. To control spray carbendazim 1.0 g/l or propiconazole 1.0 ml/l or mancozeb 2.5 g/l and sticking agent 1.0 ml/l at 10-15 day intervals.

Prevailing weather condition is favorable for panama wilt and nematode infection in banana. To control apply <u>Bacillus subtilis</u> 1.0 kg/ha + Paecilomyceslilacinus 1.0 kg/ha at 2, 4 and 6th months of planting.



Agromet Advisory Bulletin for the Kancheepuram District Bulletin no. 006/2025 Issued on 21.01.2025 (22.01.2025-26.01.2025)

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 four days around Kancheepuram area, the sky was mostly clear. Maximum temperature was 28.0-30.0°C and Minimum temperature was 22.0-23.0°C. Wind speed was 04-11 km per hour. Relative humidity was recorded between 71-96 %.

| Past week Summary (17.01.2025-20.01.2025) | | | | Parameters | Ensemble weather forecast valid until 08.30 hrs of 26.01.2025 | | | | 30 hrs of |
|---|------------------------|------------------|------------------------|----------------------------|---|-----------------------|------------------|-----------------------|-----------------------|
| 17.01.2025 | 18.01.2025 | 19.01.2025 | 20.01.2025 | Date | 22.01.2025 | 23.01.2025 | 24.01.2025 | 25.01.2025 | 26.01.2025 |
| 0.0 | 0.0 | 25.6 | 9.2 | Rainfall (mm) | 0 | 0 | 0 | 0 | 0 |
| 30 | 29 | 28 | 30 | Max. Temp. (° C) | 29 | 29 | 29 | 30 | 30 |
| 22 | 22 | 23 | 22 | Mini. Temp. (° C) | 22 | 22 | 22 | 21 | 21 |
| 87 | 74 | 96 | 91 | Maximum RH (%) | 94 | 94 | 94 | 91 | 91 |
| 78 | 72 | 84 | 71 | Minimum RH (%) | 84 | 84 | 84 | 71 | 71 |
| Partly cloudy | Partly cloudy | Partly cloudy | Partly cloudy | Cloud cover (Octa) | Partly cloudy | Partly cloudy | Partly cloudy | Partly cloudy | Partly cloudy |
| North East | North North West | North East | North North East | Wind direction (Degree) | East South East | East South East | East | East North East | East North East |
| 4 | 5 | 7 | 11 | Wind speed Kmp | 10 | 12 | 10 | 12 | 14 |

Weather Summary for Kancheepuram district

Weather forecast for next five days: (22.01.2025-26.01.2025)

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 29.0-30.0°C. Minimum temperature is expected to be around 21.0-22.0°C. Morning relative humidity is expected to be around 91-94 per cent and evening relative humidity is expected to be around 71-84 per cent. Wind speed is expected to be around 10-14 km per hour and the wind direction will be from East North East.

SMS Advisory:

(22.01.2025-26.01.2025) Mist/ Haze conditions are very likely to prevail at isolated pockets of Tamil Nadu during morning hours.

- 1. Livestock must be give medicated bath to avoid ectoparasite infestation. Moreover dipping must be done on a sunny day.
- 2. The surplus fodder available must be preserved as silage for summer feeding.
- 3. The livestock must be provided in clean wholesome drinking water
- 4. To prevent water stagnation proper drainage must be provided in livestock shelter.
- 5. Scabies affected rabbits must be isolated and treated. The cage must be disinfected with flame gun.
- 6. Newly born piglets must be protected from cold drafts

- 7. To prevent the methane and ammonia accumulation in pig sty provision of proper ventilation is necessary.
- 8. The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age).
- 9. Add 5%shell grit in laying hens for optimum egg production.

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 favorable, blast infection is found in paddy crop. To manage the blast, spray tricyclazole 75% WP 200 g/acre or carbendazim 50WP @ 200g/acre (or) azoxystrobin 25 SC @ 200 ml/acre at morning or evening time.

The forecasted weather may cause stem borer and 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:

Drain out excess water in groundnut field and resowing of same variety in cyclone affected fields.

In groundnut there are possibilities of stemrot infestation. For management farmers are advised to application of Trichoderma viride @2.5 kg/ha, mixed with 50 kg FYM.

Cotton:

Due to prevailing weather conditions, there are chances of cotton root rot infection. To control spot drench with carbendazim 1.0 g/l.

Cashew:

To control tea mosquito bug first spraying with thiamethoxam 25% WG (100 g/ha) at flushing stage, second spraying with chlorpyriphos 2.0 ml/lit at flowering and third spraying with profenophos 1.0 ml/lit at fruit set stage.

Banana:

Prevailing weather condition is favorable for sigatoka leaf spot infection in banana. To control spray carbendazim 1.0 g/l or propiconazole 1.0 ml/l or mancozeb 2.5 g/l and sticking agent 1.0 ml/l at 10-15 day intervals.

Prevailing weather condition is favorable for panama wilt and nematode infection in banana. To control apply <u>Bacillus subtilis</u> 1.0 kg/ha + Paecilomyceslilacinus 1.0 kg/ha at 2, 4 and 6th months of planting.