



## Agromet Advisory Bulletin for the Chennai District

Bulletin no. 043/2024 Issued on 28.05.2024

(29.05.2024-02.06.2024)

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 36.0-39.0°C and Minimum temperature was 29.0-31.0°C. Wind speed was 03-08 km per hour. Relative humidity was recorded between 36-81 %.

Past week Summary (24.05.2024-27.05.2024)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 02.06.2024				
24.05.2024	25.05.2024	26.05.2024	27.05.2024	Date	29.05.2024	30.05.2024	31.05.2024	01.06.2024	02.06.2024
0.0	0.0	2.8	0.0	Rainfall (mm)	0	0	0	0	0
36	38	37	39	Max. Temp. (°C)	40	41	41	41	41
30	31	29	31	Mini. Temp. (°C)	31	31	31	32	32
64	67	73	81	Maximum RH %	60	60	60	60	60
77	80	47	36	Minimum RH %	40	40	40	50	50
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	North West	South East	Wind direction	South South West	South South West	South West	South South West	South
5	3	8	6	Wind speed Kmp	24	24	22	26	22

### Weather Summary for Chennai district

#### Weather forecast for next five days: (29.05.2024-02.06.2024)

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 40.0-41.0°C. Minimum temperature is expected to be around 31.0-32.0°C. Morning relative humidity is expected to be around 60 per cent and evening relative humidity is expected to be around 40-50 per cent. Wind speed is expected to be around 22-26 km per hour and the wind direction will be from South.

#### SMS Advisory:

(29.05.2024-02.06.2024) Maximum Temperature is likely to increase gradually by 2-3°C over Tamilnadu.

#### Livestock Advisory:

1. Accidental grazing of new shoots of sorghum fodder may lead to HCN poisoning and death, hence farmers are advised to take precautionary measures
2. Small ruminants overfed with excessive grain feed are at the edge of procuring Enterotoxaemia, hence precautionary measures should be taken
3. The drainage system in cattle shed must be open and blockage free with access to easy cleaning to prevent fly breeding.

4. Increasing the frequency of feeding from three to four times per day to high yielding crossbreed, dairy cattle would nominally increase milk production and at the same time will reduce the heat stress.
5. Rabbitaries with asbestos/metal roofs will experience more heat during summer, hence covering the roof with coconut leaves or gunny bags and splashing water over them will reduce the inner micro climate of rabbit shed.
6. To prevent E.coli infection in nursery piggery shed the floor must be washed with luke warm saline / good irritant free disinfectant atleast weekly once.
7. Native poultry reared under integrated method incase infested with lice, must be given medicated bath. A sponge dipped in one ml of butox mixed in one litre of water could be rubbed all over the body on a bright sunny day. Care must be exercised to avoid eyes ear lobe and mouth.

### **Agricultural advisory**

#### **Rice:**

Treat the paddy seeds in Carbendazim or Pyroquilon or Tricyclozole at 2 g/litre of water for 1 kg of seeds. Soak the seeds for 8-10 hrs and drain excess water. This wet seed treatment gives protection to the seedlings up to 40 days from seed borne diseases. If the seeds are required for sowing immediately, keep the soaked seed in gunny in dark and cover with extra gunnies and leave for 24hrs for sprouting. Suitable for Sornavari season (Apr-May) paddy varieties: ADT-36,37,43,45, 56 and CO-51, CO-57, TPS-5, TRY-5 and ASD-21.

Due to prevailing weather condition chances of thrips infestation in paddy field. To control spray thiamethoxam 25% WG 100 g/ha or dimethoate 1.5ml/l.

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 carbosulfan 400 ml/ac + imidaclopride 40 ml/ac or pymetrozine 120 g/ac with wetting agent.

Since light rainfall is expected, it is recommended to complete the spraying and fertilizer application operations during non-rainy hours in rice field. This will ensure that the operations are carried out effectively without being affected by the rain; 2. Due to dry weather condition may cause thrips occurrence in paddy field, to manage spray thiamethoxam 25% WG 100 g/ha; 3. Stem bore- Spray Azadirachtin 0.03% 400 ml (Or) Flubendiamide 20% WG 50g per acre in 200 litres of water; 4. Ear head bug- Spray Neem seed kernel extract 5% (or) spray Malathion 50EC 200 ml/acre

#### **Groundnut:**

Treat the groundnut seeds with Trichoderma @ 4g/kg just before sowing.

Suitable for Vaikasi pattam (May-June) groundnut varieties: VRI-10, TMV-10, 14 and TMVG-13.

Groundnut growing farmers reduce the root rot infection treat the seeds with carbendazim @ 2.0 g/kg of seed 24 hours before sowing (or) Trichoderma viride @ 4.0 g/kg of seed (or) bacillus subtilis @ 10 g/kg seed.

#### **Coconut:**

In new coconut plantings the hybrids Dwarf × Tall or Tall × Dwarf may be used.

#### **Mango:**

The mango crop harvesting is in progress. The fruit may be harvested with 1cm stalk to avoid flow of latex.

The fruits may be treated with 2ml /lit Ethrel along with few sodium hydroxide pellets for uniform ripening and color development.

#### **Banana:**

Light rain fall with 10-19 km/hour wind speed may cause lodging in banana. Providing support to five months and above old banana

*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. 043/2024 Issued on 28.05.2024

(29.05.2024-02.06.2024)

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 four days around Tiruvallur area, the sky was mostly clear. Maximum temperature was 36.0-39.0°C and Minimum temperature was 29.0-31.0°C. Wind speed was 03-08 km per hour. Relative humidity was recorded between 36-81 %.

Past week Summary (24.05.2024-27.05.2024)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 02.06.2024				
24.05.2024	25.05.2024	26.05.2024	27.05.2024	Date	29.05.2024	30.05.2024	31.05.2024	01.06.2024	02.06.2024
0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	2
36	38	37	39	Max. Temp. (°C)	40	41	41	41	41
30	31	29	31	Mini. Temp. (°C)	31	31	31	32	32
64	67	73	81	Maximum RH %	60	60	60	60	60
77	80	47	36	Minimum RH %	40	40	40	50	50
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	North West	South East	Wind direction	South West	West South West	West	South South West	South
5	3	8	6	Wind speed Kmp	18	20	18	18	16

### Weather Summary for Tiruvallur district

#### Weather forecast for next five days: (29.05.2024-02.06.2024)

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 40.0-41.0°C. Minimum temperature is expected to be around 31.0-32.0°C. Morning relative humidity is expected to be around 60 per cent and evening relative humidity is expected to be around 40-50 per cent. Wind speed is expected to be around 16-20 km per hour and the wind direction will be from South.

#### SMS Advisory:

(29.05.2024-02.06.2024) Maximum Temperature is likely to increase gradually by 2-3°C over Tamilnadu.

#### Livestock Advisory:

1. Accidental grazing of new shoots of sorghum fodder may lead to HCN poisoning and death, hence farmers are advised to take precautionary measures
2. Small ruminants overfed with excessive grain feed are at the edge of procuring Enterotoxaemia, hence precautionary measures should be taken
3. The drainage system in cattle shed must be open and blockage free with access to easy cleaning to prevent fly breeding.

4. Increasing the frequency of feeding from three to four times per day to high yielding crossbreed, dairy cattle would nominally increase milk production and at the same time will reduce the heat stress.
5. Rabbitaries with asbestos/metal roofs will experience more heat during summer, hence covering the roof with coconut leaves or gunny bags and splashing water over them will reduce the inner micro climate of rabbit shed.
6. To prevent E.coli infection in nursery piggery shed the floor must be washed with luke warm saline / good irritant free disinfectant atleast weekly once.
7. Native poultry reared under integrated method incase infested with lice, must be given medicated bath. A sponge dipped in one ml of butox mixed in one litre of water could be rubbed all over the body on a bright sunny day. Care must be exercised to avoid eyes ear lobe and mouth.

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Affected plant dries up and gives a scorched appearance called "hopper burn". Circular patches of drying and lodging of matured plant. To control spray carbosulfan 400 ml/ac + imidaclopride 40 ml/ac or pymetrozine 120 g/ac with wetting agent.

Since light rainfall is expected, it is recommended to complete the spraying and fertilizer application operations during non-rainy hours in rice field. This will ensure that the operations are carried out effectively without being affected by the rain; 2. Due to dry weather condition may cause thrips occurrence in paddy field, to manage spray thiamethoxam 25% WG 100 g/ha; 3. Stem bore- Spray Azadirachtin 0.03% 400 ml (Or) Flubendiamide 20% WG 50g per acre in 200 litres of water; 4. Ear head bug- Spray Neem seed kernel extract 5% (or) spray Malathion 50EC 200 ml/acre

#### **Groundnut:**

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Suitable for Vaikasi pattam (May-June) groundnut varieties: VRI-10, TMV-10, 14 and TMVG-13.

Groundnut growing farmers reduce the root rot infection treat the seeds with carbendazim @ 2.0 g/kg of seed 24 hours before sowing (or) Trichoderma viride @ 4.0 g/kg of seed (or) bacillus subtilis @ 10 g/kg seed.

#### **Coconut:**

In new coconut plantings the hybrids Dwarf × Tall or Tall × Dwarf may be used.

#### **Mango:**

The mango crop harvesting is in progress. The fruit may be harvested with 1cm stalk to avoid flow of latex.

The fruits may be treated with 2ml /lit Ethrel along with few sodium hydroxide pellets for uniform ripening and color development.

#### **Banana:**

Light rain fall with 10-19 km/hour wind speed may cause lodging in banana. Providing support to five months and above old banana

*Nodal Officer (GKMS)  
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**Agromet Advisory Bulletin for the Thiruvannamalai District**  
**Bulletin no. 043/2024 Issued on 28.05.2024**  
**(29.05.2024-02.06.2024)**



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 37.0-39.0°C and Minimum temperature was 28.0-29.0°C. Wind speed was 07-11 km per hour. Relative humidity was recorded between 45-73 %.

Past week Summary (24.05.2024-27.05.2024)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 02.06.2024				
24.05.2024	25.05.2024	26.05.2024	27.05.2024		Date	29.05.2024	30.05.2024	31.05.2024	01.06.2024
0.4	0.0	0.0	0.0	Rainfall (mm)	1	2	7	6	8
37	39	37	39	Max. Temp. (°C)	40	39	39	38	37
28	29	29	29	Mini. Temp. (°C)	29	29	28	28	27
73	62	63	61	Maximum RH %	60	70	60	60	70
50	49	45	47	Minimum RH %	30	30	30	30	40
clear Sky	clear Sky	clear Sky	clear Sky	Cloud cover Octa	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
South East	North West	West	West North West	Wind direction	West	West	West	West South West	West South West
8	7	8	11	Wind speed Kmp	20	20	20	12	10

**Weather Summary for TVMalai district**

**Weather forecast for next five days: (29.05.2024-02.06.2024)**

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 37.0-40.0°C. Minimum temperature is expected to be around 27.0-29.0°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 10-20 km per hour and the wind direction will be from West South West.

**SMS Advisory:**

(29.05.2024-02.06.2024) Maximum Temperature is likely to increase gradually by 2-3°C over Tamilnadu.

**Livestock Advisory:**

1. Accidental grazing of new shoots of sorghum fodder may lead to HCN poisoning and death, hence farmers are advised to take precautionary measures
2. Small ruminants overfed with excessive grain feed are at the edge of procuring Enterotoxaemia, hence precautionary measures should be taken
3. The drainage system in cattle shed must be open and blockage free with access to easy cleaning to prevent fly breeding.

4. Increasing the frequency of feeding from three to four times per day to high yielding crossbreed, dairy cattle would nominally increase milk production and at the same time will reduce the heat stress.
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### **Agricultural advisory**

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Affected plant dries up and gives a scorched appearance called "hopper burn". Circular patches of drying and lodging of matured plant. To control spray carbosulfan 400 ml/ac + imidaclopride 40 ml/ac or pymetrozine 120 g/ac with wetting agent.

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#### **Groundnut:**

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#### **Coconut:**

In new coconut plantings the hybrids Dwarf × Tall or Tall × Dwarf may be used.

#### **Mango:**

The mango crop harvesting is in progress. The fruit may be harvested with 1cm stalk to avoid flow of latex.

The fruits may be treated with 2ml /lit Ethrel along with few sodium hydroxide pellets for uniform ripening and color development.

#### **Banana:**

Light rain fall with 10-19 km/hour wind speed may cause lodging in banana. Providing support to five months and above old banana

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## Agromet Advisory Bulletin for the Vellore District

Bulletin no. 043/2024 Issued on 28.05.2024

(29.05.2024-02.06.2024)

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 four days around Vellore area, the sky was mostly clear. Maximum temperature was 37.0-39.0°C and Minimum temperature was 28.0-29.0°C. Wind speed was 07-11 km per hour. Relative humidity was recorded between 45-73 %.

Past week Summary (24.05.2024-27.05.2024)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 02.06.2024				
24.05.2024	25.05.2024	26.05.2024	27.05.2024	Date	29.05.2024	30.05.2024	31.05.2024	01.06.2024	02.06.2024
0.0	0.0	0.0	0.0	Rainfall (mm)	0	2	3	8	8
37	39	37	39	Max. Temp. (°C)	40	39	39	38	37
28	29	29	29	Mini. Temp. (°C)	29	29	28	28	27
73	62	63	61	Maximum RH %	60	70	60	60	70
50	49	45	47	Minimum RH %	30	30	30	30	40
clear Sky	clear Sky	clear Sky	clear Sky	Cloud cover Octa	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
South East	North West	West	West North West	Wind direction	West	West	West	West	West South West
8	7	8	11	Wind speed Kmp	20	20	20	14	10

### Weather Summary for Vellore district

#### Weather forecast for next five days: (29.05.2024-02.06.2024)

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 37.0-40.0°C. Minimum temperature is expected to be around 27.0-29.0°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 10-20 km per hour and the wind direction will be from West South West.

#### SMS Advisory:

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#### Livestock Advisory:

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### **Agricultural advisory**

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**Agromet Advisory Bulletin for the Villupuram District**  
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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 34.0-36.0°C and Minimum temperature was 27.0-28.0°C. Wind speed was 02-03 km per hour. Relative humidity was recorded between 62-85 %.

Past week Summary (24.05.2024-27.05.2024)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 02.06.2024				
24.05.2024	25.05.2024	26.05.2024	27.05.2024		Date	29.05.2024	30.05.2024	31.05.2024	01.06.2024
8.3	0.0	0.0	0.0	Rainfall (mm)	4	0	3	8	3
35	35	34	36	Max. Temp. (°C)	38	38	38	37	36
27	28	28	28	Mini. Temp. (°C)	29	29	28	27	27
85	83	76	73	Maximum RH %	60	60	60	70	70
78	77	66	62	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 South East	South	South	South East	Wind direction	West South West	West South West	West	South South West	South South West
2	3	2	2	Wind speed Kmp	16	14	22	18	16

**Weather Summary for Villupuram district**

**Weather forecast for next five days: (29.05.2024-02.06.2024)**

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**SMS Advisory:**

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**Livestock Advisory:**

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### **Agricultural advisory**

#### **Rice:**

Treat the paddy seeds in Carbendazim or Pyroquilon or Tricyclozole at 2 g/litre of water for 1 kg of seeds. Soak the seeds for 8-10 hrs and drain excess water. This wet seed treatment gives protection to the seedlings up to 40 days from seed borne diseases. If the seeds are required for sowing immediately, keep the soaked seed in gunny in dark and cover with extra gunnies and leave for 24hrs for sprouting. Suitable for Sornavari season (Apr-May) paddy varieties: ADT-36,37,43,45, 56 and CO-51, CO-57, TPS-5, TRY-5 and ASD-21.

Due to prevailing weather condition chances of thrips infestation in paddy field. To control spray thiamethoxam 25% WG 100 g/ha or dimethoate 1.5ml/l.

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 carbosulfan 400 ml/ac + imidaclopride 40 ml/ac or pymetrozine 120 g/ac with wetting agent.

Since light rainfall is expected, it is recommended to complete the spraying and fertilizer application operations during non-rainy hours in rice field. This will ensure that the operations are carried out effectively without being affected by the rain; 2. Due to dry weather condition may cause thrips occurrence in paddy field, to manage spray thiamethoxam 25% WG 100 g/ha; 3. Stem bore- Spray Azadirachtin 0.03% 400 ml (Or) Flubendiamide 20% WG 50g per acre in 200 litres of water; 4. Ear head bug- Spray Neem seed kernel extract 5% (or) spray Malathion 50EC 200 ml/acre

#### **Groundnut:**

Treat the groundnut seeds with Trichoderma @ 4g/kg just before sowing.

Suitable for Vaikasi pattam (May-June) groundnut varieties: VRI-10, TMV-10, 14 and TMVG-13.

Groundnut growing farmers reduce the root rot infection treat the seeds with carbendazim @ 2.0 g/kg of seed 24 hours before sowing (or) Trichoderma viride @ 4.0 g/kg of seed (or) bacillus subtilis @ 10 g/kg seed.

#### **Coconut:**

In new coconut plantings the hybrids Dwarf × Tall or Tall × Dwarf may be used.

#### **Mango:**

The mango crop harvesting is in progress. The fruit may be harvested with 1cm stalk to avoid flow of latex.

The fruits may be treated with 2ml /lit Ethrel along with few sodium hydroxide pellets for uniform ripening and color development.

#### **Banana:**

Light rain fall with 10-19 km/hour wind speed may cause lodging in banana. Providing support to five months and above old banana

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



## Agromet Advisory Bulletin for the Cuddalore District

Bulletin no. 043/2024 Issued on 28.05.2024

(29.05.2024-02.06.2024)

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 four days around Cuddalore 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 02-03 km per hour. Relative humidity was recorded between 62-85 %.

Past week Summary (24.05.2024-27.05.2024)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 02.06.2024				
24.05.2024	25.05.2024	26.05.2024	27.05.2024	Date	29.05.2024	30.05.2024	31.05.2024	01.06.2024	02.06.2024
0.1	0.0	0.0	0.0	Rainfall (mm)	1	0	3	10	1
35	35	34	36	Max. Temp. (°C)	38	38	38	37	36
27	28	28	28	Mini. Temp. (°C)	29	29	28	27	27
85	83	76	73	Maximum RH %	60	60	60	70	70
78	77	66	62	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 South East	South	South	South East	Wind direction	South West	South West	West	South South West	South South West
2	3	2	2	Wind speed Kmp	16	14	16	18	18

### Weather Summary for Cuddalore district

#### Weather forecast for next five days: (29.05.2024-02.06.2024)

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 36.0-38.0°C. Minimum temperature is expected to be around 27.0-29.0°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 14-18 km per hour and the wind direction will be from South South West.

#### SMS Advisory:

(29.05.2024-02.06.2024) Maximum Temperature is likely to increase gradually by 2-3°C over Tamilnadu.

#### Livestock Advisory:

1. Accidental grazing of new shoots of sorghum fodder may lead to HCN poisoning and death, hence farmers are advised to take precautionary measures
2. Small ruminants overfed with excessive grain feed are at the edge of procuring Enterotoxaemia, hence precautionary measures should be taken
3. The drainage system in cattle shed must be open and blockage free with access to easy cleaning to prevent fly breeding.

4. Increasing the frequency of feeding from three to four times per day to high yielding crossbreed, dairy cattle would nominally increase milk production and at the same time will reduce the heat stress.
5. Rabbitaries with asbestos/metal roofs will experience more heat during summer, hence covering the roof with coconut leaves or gunny bags and splashing water over them will reduce the inner micro climate of rabbit shed.
6. To prevent E.coli infection in nursery piggery shed the floor must be washed with luke warm saline / good irritant free disinfectant atleast weekly once.
7. Native poultry reared under integrated method incase infested with lice, must be given medicated bath. A sponge dipped in one ml of butox mixed in one litre of water could be rubbed all over the body on a bright sunny day. Care must be exercised to avoid eyes ear lobe and mouth.

### **Agricultural advisory**

#### **Rice:**

Treat the paddy seeds in Carbendazim or Pyroquilon or Tricyclozole at 2 g/litre of water for 1 kg of seeds. Soak the seeds for 8-10 hrs and drain excess water. This wet seed treatment gives protection to the seedlings up to 40 days from seed borne diseases. If the seeds are required for sowing immediately, keep the soaked seed in gunny in dark and cover with extra gunnies and leave for 24hrs for sprouting. Suitable for Sornavari season (Apr-May) paddy varieties: ADT-36,37,43,45, 56 and CO-51, CO-57, TPS-5, TRY-5 and ASD-21.

Due to prevailing weather condition chances of thrips infestation in paddy field. To control spray thiamethoxam 25% WG 100 g/ha or dimethoate 1.5ml/l.

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 carbosulfan 400 ml/ac + imidaclopride 40 ml/ac or pymetrozine 120 g/ac with wetting agent.

Since light rainfall is expected, it is recommended to complete the spraying and fertilizer application operations during non-rainy hours in rice field. This will ensure that the operations are carried out effectively without being affected by the rain; 2. Due to dry weather condition may cause thrips occurrence in paddy field, to manage spray thiamethoxam 25% WG 100 g/ha; 3. Stem bore- Spray Azadirachtin 0.03% 400 ml (Or) Flubendiamide 20% WG 50g per acre in 200 litres of water; 4. Ear head bug- Spray Neem seed kernel extract 5% (or) spray Malathion 50EC 200 ml/acre

#### **Groundnut:**

Treat the groundnut seeds with Trichoderma @ 4g/kg just before sowing.

Suitable for Vaikasi pattam (May-June) groundnut varieties: VRI-10, TMV-10, 14 and TMVG-13.

Groundnut growing farmers reduce the root rot infection treat the seeds with carbendazim @ 2.0 g/kg of seed 24 hours before sowing (or) Trichoderma viride @ 4.0 g/kg of seed (or) bacillus subtilis @ 10 g/kg seed.

#### **Coconut:**

In new coconut plantings the hybrids Dwarf × Tall or Tall × Dwarf may be used.

#### **Mango:**

The mango crop harvesting is in progress. The fruit may be harvested with 1cm stalk to avoid flow of latex.

The fruits may be treated with 2ml /lit Ethrel along with few sodium hydroxide pellets for uniform ripening and color development.

#### **Banana:**

Light rain fall with 10-19 km/hour wind speed may cause lodging in banana. Providing support to five months and above old banana

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**Agromet Advisory Bulletin for the Kancheepuram District**  
**Bulletin no. 043/2024 Issued on 28.05.2024**  
**(29.05.2024-02.06.2024)**



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 four days around Kancheepuram area, the sky was mostly clear. Maximum temperature was 37.0-40.0°C and Minimum temperature was 27.0-29.0°C. Wind speed was 07-11 km per hour. Relative humidity was recorded between 34-66 %.

Past week Summary (24.05.2024-27.05.2024)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 02.06.2024				
24.05.2024	25.05.2024	26.05.2024	27.05.2024		Date	29.05.2024	30.05.2024	31.05.2024	01.06.2024
1.4	0.0	0.2	0.0	Rainfall (mm)	0	0	0	2	2
37	39	38	40	Max. Temp. (°C)	40	40	40	39	39
27	29	29	29	Mini. Temp. (°C)	29	30	30	31	30
63	62	52	52	Maximum RH %	50	60	50	50	60
66	65	35	34	Minimum RH %	20	20	20	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	East South East	West North West	South West	Wind direction	West South West	West South West	West	South South West	South South West
8	7	11	8	Wind speed Kmp	18	20	20	18	18

**Weather Summary for Kancheepuram district**

**Weather forecast for next five days: (29.05.2024-02.06.2024)**

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 39.0-40.0°C. Minimum temperature is expected to be around 29.0-31.0°C. Morning relative humidity is expected to be around 50-60 per cent and evening relative humidity is expected to be around 20-30 per cent. Wind speed is expected to be around 18-20 km per hour and the wind direction will be from South South West.

**SMS Advisory:**

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