



Agromet Advisory Bulletin for the Chennai District

Bulletin no. 035/2025 Issued on 02.05.2025

(03.05.2025-07.05.2025)

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 three days around Chennai area, the sky was mostly clear. Maximum temperature was 34.0-35.0°C and Minimum temperature was 28.0-29.0°C. Wind speed was 04-07 km per hour. Relative humidity was recorded between 64-72 %.

Past week Summary (29.04.2025-01.05.2025)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 07.05.2025				
29.04.2025	30.04.2025	01.05.2025	Date	03.05.2025	04.05.2025	05.05.2025	06.05.2025	07.05.2025
0.0	0.0	0.0	Rainfall (mm)	0	0	2	4	4
34	35	35	Max. Temp. (°C)	35	35	35	36	36
28	29	29	Mini. Temp. (°C)	29	29	29	29	29
72	69	67	Maximum RH (%)	65	65	65	75	75
67	64	71	Minimum RH (%)	60	60	60	65	65
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	Wind direction (Degree)	South	South	South	South South East	South
4	7	6	Wind speed Kmp	22	22	24	20	18

Weather Summary for Chennai district

Weather forecast for next three days: (03.05.2025-07.05.2025)

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 35.0-36.0°C. Minimum temperature is expected to be around 29.0°C. Morning relative humidity is expected to be around 65-75 per cent and evening relative humidity is expected to be around 60-65 per cent. Wind speed is expected to be around 18-24 km per hour and the wind direction will be from South.

SMS Advisory:

(03.05.2025-07.05.2025) Light to moderate rain is likely to occur at isolated places over Tamilnadu,

Livestock Advisory:

1. The farmers should avoid allowing the animals to graze in hot parts of the day.
2. Sheep and goat should be dewormed by using suitable anthelmintic by consulting with Local veterinary doctor.
3. 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.
4. The dairy buffaloes are very much prone to summer sub fertility, due to higher ambient air temperature. To prevent this proper sheltering with cooling facility are necessary.

5. White pigs meant for fattening purpose which are fed with high fat containing swill feed would suffer heat load during digestion, during summer season. Hence to prevent this fat containing will feed should be fed during late evening hours.
6. 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.
7. Provision of cool wholesome drinking water to livestock and poultry during summer is essential.

Agricultural advisory

Rice:

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 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.

Harvest the matured paddy crops and store in safe places.

For nursery land preparation, to prevent soil borne diseases and better establishment of seedlings apply Azospirillum 2.5 Kg mixed with 25 kg of soil.

Sugarcane:

Mealy bug and pokkahboeng infection identified in sugarcane crop. Mealy bug affect growth of plants and pokkahboeng cause death of young spindles of sugarcane crop. To control spray imidacloprid 17.8 SL 0.6 ml/l or carbendazim 1.0 g/l.

A tonic with nutrients and growth regulators for sugarcane spray the TNAU sugarcane Booster at 45, 60 and 75 days after planting spray booster at 1kg 1.5kg and 2kg respectively and add required quantity of sticking agent.

Coconut:

Installation of yellow sticky traps on the palm trunk to trap the adult whiteflies.

Encourage buildup of parasitoids (*Encarsia* sp.) and reintroduce parasitized pupae of emerging zones of whitefly outbreak.

In sever case, spray neem oil 10 ml/lit of water or spray azadirachtin 2.0 ml/lit of water with 1.0 ml of sticking agent.

Apply coconut husks with convex surface facing upwards (100 Nos) or dried coconut leaves (15 Nos) or coir pith upto a height of 10 cm in the basin of 1.8 meter radius around the palms as much for soil moisture conservation particularly during summer season.

Banana:

To control wilt in banana, apply *Bacillus subtilis* and *Trichoderma viride* @ 2.5 kg/ha. or drenching with *Bacillus subtilis* 5 ml/litre. To overcome micro nutrient deficiency and to improve quality of banana fruit micronutrient plays a major role. Micro nutrient can be sprayed at 3,5 and 7 months after planting of 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. 035/2025 Issued on 02.05.2025

(03.05.2025-07.05.2025)

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 three days around Tiruvallur area, the sky was mostly clear. Maximum temperature was 34.0-35.0°C and Minimum temperature was 28.0-29.0°C. Wind speed was 04-07 km per hour. Relative humidity was recorded between 64-72 %.

Past week Summary (29.04.2025-01.05.2025)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 07.05.2025				
29.04.2025	30.04.2025	01.05.2025	Date	03.05.2025	04.05.2025	05.05.2025	06.05.2025	07.05.2025
0.0	0.0	0.0	Rainfall (mm)	0	2	2	4	5
34	35	35	Max. Temp. (°C)	35	35	35	36	36
28	29	29	Mini. Temp. (°C)	29	29	29	29	29
72	69	67	Maximum RH (%)	65	65	65	75	75
67	64	71	Minimum RH (%)	60	60	60	65	65
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	Wind direction (Degree)	South	South	South South East	South	South
4	7	6	Wind speed Kmp	16	14	20	16	12

Weather Summary for Tiruvallur district

Weather forecast for next three days: (03.05.2025-07.05.2025)

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 35.0-36.0°C. Minimum temperature is expected to be around 29.0°C. Morning relative humidity is expected to be around 65-75 per cent and evening relative humidity is expected to be around 60-65 per cent. Wind speed is expected to be around 12-20 km per hour and the wind direction will be from South.

SMS Advisory:

(03.05.2025-07.05.2025) Light to moderate rain is likely to occur at isolated places over Tamilnadu,

Livestock Advisory:

1. The farmers should avoid allowing the animals to graze in hot parts of the day.
2. Sheep and goat should be dewormed by using suitable anthelmintic by consulting with Local veterinary doctor.
3. 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.
4. The dairy buffaloes are very much prone to summer sub fertility, due to higher ambient air temperature. To prevent this proper sheltering with cooling facility are necessary.

5. White pigs meant for fattening purpose which are fed with high fat containing swill feed would suffer heat load during digestion, during summer season. Hence to prevent this fat containing will feed should be fed during late evening hours.
6. 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.
7. Provision of cool wholesome drinking water to poultry during summer is essential.

Agricultural advisory

Rice:

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 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.

Harvest the matured paddy crops and store in safe places.

For nursery land preparation, to prevent soil borne diseases and better establishment of seedlings apply Azospirillum 2.5 Kg mixed with 25 kg of soil.

Sugarcane:

Mealy bug and pokkahboeng infection identified in sugarcane crop. Mealy bug affect growth of plants and pokkahboeng cause death of young spindles of sugarcane crop. To control spray imidacloprid 17.8 SL 0.6 ml/l or carbendazim 1.0 g/l.

A tonic with nutrients and growth regulators for sugarcane spray the TNAU sugarcane Booster at 45, 60 and 75 days after planting spray booster at 1kg 1.5kg and 2kg respectively and add required quantity of sticking agent.

Coconut:

Installation of yellow sticky traps on the palm trunk to trap the adult whiteflies.

Encourage buildup of parasitoids (*Encarsia* sp.) and reintroduce parasitized pupae of emerging zones of whitefly outbreak.

In sever case, spray neem oil 10 ml/lit of water or spray azadirachtin 2.0 ml/lit of water with 1.0 ml of sticking agent.

Apply coconut husks with convex surface facing upwards (100 Nos) or dried coconut leaves (15 Nos) or coir pith upto a height of 10 cm in the basin of 1.8 meter radius around the palms as much for soil moisture conservation particularly during summer season.

Banana:

To control wilt in banana, apply *Bacillus subtilis* and *Trichoderma viride* @ 2.5 kg/ha. or drenching with *Bacillus subtilis* 5 ml/litre. To overcome micro nutrient deficiency and to improve quality of banana fruit micronutrient plays a major role. Micro nutrient can be sprayed at 3,5 and 7 months after planting of banana.

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



Agromet Advisory Bulletin for the Kancheepuram District
Bulletin no. 035/2025 Issued on 02.05.2025
(03.05.2025-07.05.2025)
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 three days around Kancheepuram area, the sky was mostly clear. Maximum temperature was 36.0-38.0°C and Minimum temperature was NA.0°C. Wind speed was 07-13 km per hour. Relative humidity was recorded between 61-78 %.

Past week Summary (29.04.2025-01.05.2025)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 07.05.2025				
29.04.2025	30.04.2025	01.05.2025		Date	03.05.2025	04.05.2025	05.05.2025	06.05.2025
0.0	0.0	0.0	Rainfall (mm)	0	0	2	4	5
36	36	38	Max. Temp. (°C)	37	37	37	38	38
NA	NA	NA	Mini. Temp. (°C)	28	28	28	28	28
78	72	73	Maximum RH (%)	75	75	75	78	78
64	61	73	Minimum RH (%)	65	65	65	70	70
clear Sky	clear Sky	clear Sky	Cloud cover (Octa)	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
South East	South East	South East	Wind direction (Degree)	South	South	South South East	South	South
10	7	13	Wind speed Kmp	18	16	22	16	12

Weather Summary for Kancheepuram district

Weather forecast for next three days: (03.05.2025-07.05.2025)

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 37.0-38.0°C. Minimum temperature is expected to be around 28.0°C. Morning relative humidity is expected to be around 75-78 per cent and evening relative humidity is expected to be around 65-70 per cent. Wind speed is expected to be around 12-22 km per hour and the wind direction will be from South.

SMS Advisory:

(03.05.2025-07.05.2025) Light to moderate rain is likely to occur at isolated places over Tamilnadu,

Livestock Advisory:

1. The farmers should avoid allowing the animals to graze in hot parts of the day.
2. Sheep and goat should be dewormed by using suitable anthelmintic by consulting with Local veterinary doctor.
3. 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.
4. The dairy buffaloes are very much prone to summer sub fertility, due to higher ambient air temperature. To prevent this proper sheltering with cooling facility are necessary.

5. White pigs meant for fattening purpose which are fed with high fat containing swill feed would suffer heat load during digestion, during summer season. Hence to prevent this fat containing will feed should be fed during late evening hours.
6. 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.
7. Provision of cool wholesome drinking water to poultry during summer is essential.

Agricultural advisory

Rice:

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 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.

Harvest the matured paddy crops and store in safe places.

For nursery land preparation, to prevent soil borne diseases and better establishment of seedlings apply Azospirillum 2.5 Kg mixed with 25 kg of soil.

Sugarcane:

Mealy bug and pokkahboeng infection identified in sugarcane crop. Mealy bug affect growth of plants and pokkahboeng cause death of young spindles of sugarcane crop. To control spray imidacloprid 17.8 SL 0.6 ml/l or carbendazim 1.0 g/l.

A tonic with nutrients and growth regulators for sugarcane spray the TNAU sugarcane Booster at 45, 60 and 75 days after planting spray booster at 1kg 1.5kg and 2kg respectively and add required quantity of sticking agent.

Coconut:

Installation of yellow sticky traps on the palm trunk to trap the adult whiteflies.

Encourage buildup of parasitoids (*Encarsia* sp.) and reintroduce parasitized pupae of emerging zones of whitefly outbreak.

In sever case, spray neem oil 10 ml/lit of water or spray azadirachtin 2.0 ml/lit of water with 1.0 ml of sticking agent.

Apply coconut husks with convex surface facing upwards (100 Nos) or dried coconut leaves (15 Nos) or coir pith upto a height of 10 cm in the basin of 1.8 meter radius around the palms as much for soil moisture conservation particularly during summer season.

Banana:

To control wilt in banana, apply *Bacillus subtilis* and *Trichoderma viride* @ 2.5 kg/ha. or drenching with *Bacillus subtilis* 5 ml/litre. To overcome micro nutrient deficiency and to improve quality of banana fruit micronutrient plays a major role. Micro nutrient can be sprayed at 3,5 and 7 months after planting of banana.

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



Agromet Advisory Bulletin for the Chengalpattu District
Bulletin no. 035/2025 Issued on 02.05.2025
(03.05.2025-07.05.2025)
Issued jointly by
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& India Meteorological Department



Weather Summary for the period since the issue of last bulletin for Chengalpattu.

During past three days around Chengalpattu area, the sky was mostly clear. Maximum temperature was 36.0-38.0°C and Minimum temperature was NA.0°C. Wind speed was 07-13 km per hour. Relative humidity was recorded between 61-78 %.

Past week Summary (29.04.2025-01.05.2025)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 07.05.2025				
29.04.2025	30.04.2025	01.05.2025		Date	03.05.2025	04.05.2025	05.05.2025	06.05.2025
0.0	0.0	0.0	Rainfall (mm)	0	0	1	4	5
36	36	38	Max. Temp. (°C)	37	37	37	38	38
NA	NA	NA	Mini. Temp. (°C)	28	28	28	28	28
78	72	73	Maximum RH (%)	75	75	75	78	78
64	61	73	Minimum RH (%)	65	65	65	70	70
clear Sky	clear Sky	clear Sky	Cloud cover (Octa)	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
South East	South East	South East	Wind direction (Degree)	South	South	South	South	South
10	7	13	Wind speed Kmp	22	22	24	20	16

Weather Summary for Chengalpattu district

Weather forecast for next three days: (03.05.2025-07.05.2025)

According to district forecast issued by the India Meteorological Department for Chengalpattu 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 28.0°C. Morning relative humidity is expected to be around 75-78 per cent and evening relative humidity is expected to be around 65-70 per cent. Wind speed is expected to be around 16-24 km per hour and the wind direction will be from South.

SMS Advisory:

(03.05.2025-07.05.2025) Light to moderate rain is likely to occur at isolated places over Tamilnadu,

Livestock Advisory:

1. The farmers should avoid allowing the animals to graze in hot parts of the day.
2. Sheep and goat should be dewormed by using suitable anthelmintic by consulting with Local veterinary doctor.
3. 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.
4. The dairy buffaloes are very much prone to summer sub fertility, due to higher ambient air temperature. To prevent this proper sheltering with cooling facility are necessary.

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Agricultural advisory

Rice:

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Harvest the matured paddy crops and store in safe places.

For nursery land preparation, to prevent soil borne diseases and better establishment of seedlings apply Azospirillum 2.5 Kg mixed with 25 kg of soil.

Sugarcane:

Mealy bug and pokkahboeng infection identified in sugarcane crop. Mealy bug affect growth of plants and pokkahboeng cause death of young spindles of sugarcane crop. To control spray imidacloprid 17.8 SL 0.6 ml/l or carbendazim 1.0 g/l.

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Coconut:

Installation of yellow sticky traps on the palm trunk to trap the adult whiteflies.

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In sever case, spray neem oil 10 ml/lit of water or spray azadirachtin 2.0 ml/lit of water with 1.0 ml of sticking agent.

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Banana:

To control wilt in banana, apply *Bacillus subtilis* and *Trichoderma viride* @ 2.5 kg/ha. or drenching with *Bacillus subtilis* 5 ml/litre. To overcome micro nutrient deficiency and to improve quality of banana fruit micronutrient plays a major role. Micro nutrient can be sprayed at 3,5 and 7 months after planting of banana.

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. 035/2025 Issued on 02.05.2025

(03.05.2025-07.05.2025)

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 three days around TVMalai area, the sky was mostly clear. Maximum temperature was 38.0-41.0°C and Minimum temperature was 26.0-28.0°C. Wind speed was 01-08 km per hour. Relative humidity was recorded between 35-77 %.

Past week Summary (29.04.2025-01.05.2025)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 07.05.2025				
29.04.2025	30.04.2025	01.05.2025	Date	03.05.2025	04.05.2025	05.05.2025	06.05.2025	07.05.2025
0.0	0.0	0.0	Rainfall (mm)	2	4	3	4	8
38	39	41	Max. Temp. (°C)	40	40	40	41	41
26	27	28	Mini. Temp. (°C)	27	27	27	28	28
74	76	77	Maximum RH (%)	75	75	75	80	80
39	35	47	Minimum RH (%)	40	40	40	45	45
clear Sky	clear Sky	clear Sky	Cloud cover (Octa)	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
South East	South East	South East	Wind direction (Degree)	South	South West	South South East	South	South
4	8	1	Wind speed Kmp	10	10	12	10	10

Weather Summary for TVMalai district

Weather forecast for next three days: (03.05.2025-07.05.2025)

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 40.0-41.0°C. Minimum temperature is expected to be around 27.0-28.0°C. Morning relative humidity is expected to be around 75-80 per cent and evening relative humidity is expected to be around 40-45 per cent. Wind speed is expected to be around 10-12 km per hour and the wind direction will be from South.

SMS Advisory:

(03.05.2025-07.05.2025) Light to moderate rain is likely to occur at isolated places over Tamilnadu,

Livestock Advisory:

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2. Sheep and goat should be dewormed by using suitable anthelmintic by consulting with Local veterinary doctor.
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Agricultural advisory

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Coconut:

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Banana:

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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. 035/2025 Issued on 02.05.2025

(03.05.2025-07.05.2025)

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 three days around Vellore area, the sky was mostly clear. Maximum temperature was 38.0-41.0°C and Minimum temperature was 26.0-28.0°C. Wind speed was 01-08 km per hour. Relative humidity was recorded between 35-77 %.

Past week Summary (29.04.2025-01.05.2025)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 07.05.2025				
29.04.2025	30.04.2025	01.05.2025	Date	03.05.2025	04.05.2025	05.05.2025	06.05.2025	07.05.2025
0.0	0.0	0.0	Rainfall (mm)	3	3	2	4	5
38	39	41	Max. Temp. (°C)	40	40	40	41	41
26	27	28	Mini. Temp. (°C)	27	27	27	28	28
74	76	77	Maximum RH (%)	75	75	75	80	80
39	35	47	Minimum RH (%)	40	40	40	45	45
clear Sky	clear Sky	clear Sky	Cloud cover (Octa)	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
South East	South East	South East	Wind direction (Degree)	South South West	South West	South	South South West	South East
4	8	1	Wind speed Kmp	8	10	10	8	8

Weather Summary for Vellore district

Weather forecast for next three days: (03.05.2025-07.05.2025)

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 40.0-41.0°C. Minimum temperature is expected to be around 27.0-28.0°C. Morning relative humidity is expected to be around 75-80 per cent and evening relative humidity is expected to be around 40-45 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:

(03.05.2025-07.05.2025) Light to moderate rain is likely to occur at isolated places over Tamilnadu,

Livestock Advisory:

1. The farmers should avoid allowing the animals to graze in hot parts of the day.
2. Sheep and goat should be dewormed by using suitable anthelmintic by consulting with Local veterinary doctor.
3. 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.
4. The dairy buffaloes are very much prone to summer sub fertility, due to higher ambient air temperature. To prevent this proper sheltering with cooling facility are necessary.

5. White pigs meant for fattening purpose which are fed with high fat containing swill feed would suffer heat load during digestion, during summer season. Hence to prevent this fat containing will feed should be fed during late evening hours.
6. 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.
7. Provision of cool wholesome drinking water to livestock and poultry during summer is essential.

Agricultural advisory

Rice:

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 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.

Harvest the matured paddy crops and store in safe places.

For nursery land preparation, to prevent soil borne diseases and better establishment of seedlings apply Azospirillum 2.5 Kg mixed with 25 kg of soil.

Sugarcane:

Mealy bug and pokkahboeng infection identified in sugarcane crop. Mealy bug affect growth of plants and pokkahboeng cause death of young spindles of sugarcane crop. To control spray imidacloprid 17.8 SL 0.6 ml/l or carbendazim 1.0 g/l.

A tonic with nutrients and growth regulators for sugarcane spray the TNAU sugarcane Booster at 45, 60 and 75 days after planting spray booster at 1kg 1.5kg and 2kg respectively and add required quantity of sticking agent.

Coconut:

Installation of yellow sticky traps on the palm trunk to trap the adult whiteflies.

Encourage buildup of parasitoids (*Encarsia* sp.) and reintroduce parasitized pupae of emerging zones of whitefly outbreak.

In sever case, spray neem oil 10 ml/lit of water or spray azadirachtin 2.0 ml/lit of water with 1.0 ml of sticking agent.

Apply coconut husks with convex surface facing upwards (100 Nos) or dried coconut leaves (15 Nos) or coir pith upto a height of 10 cm in the basin of 1.8 meter radius around the palms as much for soil moisture conservation particularly during summer season.

Banana:

To control wilt in banana, apply *Bacillus subtilis* and *Trichoderma viride* @ 2.5 kg/ha. or drenching with *Bacillus subtilis* 5 ml/litre. To overcome micro nutrient deficiency and to improve quality of banana fruit micronutrient plays a major role. Micro nutrient can be sprayed at 3,5 and 7 months after planting of banana.

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



Agromet Advisory Bulletin for the Ranipet District

Bulletin no. 035/2025 Issued on 02.05.2025

(03.05.2025-07.05.2025)

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 Ranipet.

During past three days around Ranipet area, the sky was mostly clear. Maximum temperature was 38.0-41.0°C and Minimum temperature was 26.0-28.0°C. Wind speed was 01-08 km per hour. Relative humidity was recorded between 35-77 %.

Past week Summary (29.04.2025-01.05.2025)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 07.05.2025				
29.04.2025	30.04.2025	01.05.2025	Date	03.05.2025	04.05.2025	05.05.2025	06.05.2025	07.05.2025
0.0	0.0	0.0	Rainfall (mm)	0	2	3	3	6
38	39	41	Max. Temp. (°C)	40	40	40	41	41
26	27	28	Mini. Temp. (°C)	27	27	27	28	28
74	76	77	Maximum RH (%)	75	75	75	80	80
39	35	47	Minimum RH (%)	40	40	40	45	45
clear Sky	clear Sky	clear Sky	Cloud cover (Octa)	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
South East	South East	South East	Wind direction (Degree)	South	South	South South East	South	South
4	8	1	Wind speed Kmp	12	12	16	16	10

Weather Summary for Ranipet district

Weather forecast for next three days: (03.05.2025-07.05.2025)

According to district forecast issued by the India Meteorological Department for Ranipet 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 27.0-28.0°C. Morning relative humidity is expected to be around 75-80 per cent and evening relative humidity is expected to be around 40-45 per cent. Wind speed is expected to be around 10-16 km per hour and the wind direction will be from South.

SMS Advisory:

(03.05.2025-07.05.2025) Light to moderate rain is likely to occur at isolated places over Tamilnadu,

Livestock Advisory:

1. The farmers should avoid allowing the animals to graze in hot parts of the day.
2. Sheep and goat should be dewormed by using suitable anthelmintic by consulting with Local veterinary doctor.
3. 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.
4. The dairy buffaloes are very much prone to summer sub fertility, due to higher ambient air temperature. To prevent this proper sheltering with cooling facility are necessary.

5. White pigs meant for fattening purpose which are fed with high fat containing swill feed would suffer heat load during digestion, during summer season. Hence to prevent this fat containing will feed should be fed during late evening hours.
6. 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.
7. Provision of cool wholesome drinking water to livestock and poultry during summer is essential.

Agricultural advisory

Rice:

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 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.

Harvest the matured paddy crops and store in safe places.

For nursery land preparation, to prevent soil borne diseases and better establishment of seedlings apply Azospirillum 2.5 Kg mixed with 25 kg of soil.

Sugarcane:

Mealy bug and pokkahboeng infection identified in sugarcane crop. Mealy bug affect growth of plants and pokkahboeng cause death of young spindles of sugarcane crop. To control spray imidacloprid 17.8 SL 0.6 ml/l or carbendazim 1.0 g/l.

A tonic with nutrients and growth regulators for sugarcane spray the TNAU sugarcane Booster at 45, 60 and 75 days after planting spray booster at 1kg 1.5kg and 2kg respectively and add required quantity of sticking agent.

Coconut:

Installation of yellow sticky traps on the palm trunk to trap the adult whiteflies.

Encourage buildup of parasitoids (*Encarsia* sp.) and reintroduce parasitized pupae of emerging zones of whitefly outbreak.

In sever case, spray neem oil 10 ml/lit of water or spray azadirachtin 2.0 ml/lit of water with 1.0 ml of sticking agent.

Apply coconut husks with convex surface facing upwards (100 Nos) or dried coconut leaves (15 Nos) or coir pith upto a height of 10 cm in the basin of 1.8 meter radius around the palms as much for soil moisture conservation particularly during summer season.

Banana:

To control wilt in banana, apply *Bacillus subtilis* and *Trichoderma viride* @ 2.5 kg/ha. or drenching with *Bacillus subtilis* 5 ml/litre. To overcome micro nutrient deficiency and to improve quality of banana fruit micronutrient plays a major role. Micro nutrient can be sprayed at 3,5 and 7 months after planting of banana.

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



Agromet Advisory Bulletin for the Tirupattur District
Bulletin no. 035/2025 Issued on 02.05.2025

(03.05.2025-07.05.2025)

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 Tirupattur.

During past three days around Tirupattur area, the sky was mostly clear. Maximum temperature was 38.0-41.0°C and Minimum temperature was 26.0-28.0°C. Wind speed was 01-08 km per hour. Relative humidity was recorded between 35-77 %.

Past week Summary (29.04.2025-01.05.2025)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 07.05.2025				
29.04.2025	30.04.2025	01.05.2025	Date	03.05.2025	04.05.2025	05.05.2025	06.05.2025	07.05.2025
0.0	0.0	0.0	Rainfall (mm)	3	2	3	3	6
38	39	41	Max. Temp. (°C)	40	40	40	41	41
26	27	28	Mini. Temp. (°C)	27	27	27	28	28
74	76	77	Maximum RH (%)	75	75	75	80	80
39	35	47	Minimum RH (%)	40	40	40	45	45
clear Sky	clear Sky	clear Sky	Cloud cover (Octa)	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
South East	South East	South East	Wind direction (Degree)	South West	West South West	South South West	South West	South East
4	8	1	Wind speed Kmp	8	10	8	8	6

Weather Summary for Tirupattur district

Weather forecast for next three days: (03.05.2025-07.05.2025)

According to district forecast issued by the India Meteorological Department for Tirupattur 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 27.0-28.0°C. Morning relative humidity is expected to be around 75-80 per cent and evening relative humidity is expected to be around 40-45 per cent. Wind speed is expected to be around 06-10 km per hour and the wind direction will be from South East.

SMS Advisory:

(03.05.2025-07.05.2025) Light to moderate rain is likely to occur at isolated places over Tamilnadu,

Livestock Advisory:

1. The farmers should avoid allowing the animals to graze in hot parts of the day.
2. Sheep and goat should be dewormed by using suitable anthelmintic by consulting with Local veterinary doctor.
3. 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.
4. The dairy buffaloes are very much prone to summer sub fertility, due to higher ambient air temperature. To prevent this proper sheltering with cooling facility are necessary.

5. White pigs meant for fattening purpose which are fed with high fat containing swill feed would suffer heat load during digestion, during summer season. Hence to prevent this fat containing will feed should be fed during late evening hours.
6. 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.
7. Provision of cool wholesome drinking water to livestock and poultry during summer is essential.

Agricultural advisory

Rice:

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 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.

Harvest the matured paddy crops and store in safe places.

For nursery land preparation, to prevent soil borne diseases and better establishment of seedlings apply Azospirillum 2.5 Kg mixed with 25 kg of soil.

Sugarcane:

Mealy bug and pokkahboeng infection identified in sugarcane crop. Mealy bug affect growth of plants and pokkahboeng cause death of young spindles of sugarcane crop. To control spray imidacloprid 17.8 SL 0.6 ml/l or carbendazim 1.0 g/l.

A tonic with nutrients and growth regulators for sugarcane spray the TNAU sugarcane Booster at 45, 60 and 75 days after planting spray booster at 1kg 1.5kg and 2kg respectively and add required quantity of sticking agent.

Coconut:

Installation of yellow sticky traps on the palm trunk to trap the adult whiteflies.

Encourage buildup of parasitoids (*Encarsia* sp.) and reintroduce parasitized pupae of emerging zones of whitefly outbreak.

In sever case, spray neem oil 10 ml/lit of water or spray azadirachtin 2.0 ml/lit of water with 1.0 ml of sticking agent.

Apply coconut husks with convex surface facing upwards (100 Nos) or dried coconut leaves (15 Nos) or coir pith upto a height of 10 cm in the basin of 1.8 meter radius around the palms as much for soil moisture conservation particularly during summer season.

Banana:

To control wilt in banana, apply *Bacillus subtilis* and *Trichoderma viride* @ 2.5 kg/ha. or drenching with *Bacillus subtilis* 5 ml/litre. To overcome micro nutrient deficiency and to improve quality of banana fruit micronutrient plays a major role. Micro nutrient can be sprayed at 3,5 and 7 months after planting of banana.

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



Agromet Advisory Bulletin for the Villupuram District
Bulletin no. 035/2025 Issued on 02.05.2025
(03.05.2025-07.05.2025)
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 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 02-06 km per hour. Relative humidity was recorded between 70-83 %.

Past week Summary (29.04.2025-01.05.2025)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 07.05.2025				
29.04.2025	30.04.2025	01.05.2025		Date	03.05.2025	04.05.2025	05.05.2025	06.05.2025
0.0	0.0	0.0	Rainfall (mm)	1	1	3	4	8
35	36	37	Max. Temp. (°C)	37	37	37	38	38
26	27	27	Mini. Temp. (°C)	27	27	27	27	27
78	75	83	Maximum RH (%)	75	75	75	80	80
70	77	78	Minimum RH (%)	70	70	70	75	75
clear Sky	clear Sky	clear Sky	Cloud cover (Octa)	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
South East	East South East	South East	Wind direction (Degree)	South	South	South South East	South South East	South
2	4	6	Wind speed Kmp	18	16	18	16	14

Weather Summary for Villupuram district

Weather forecast for next three days: (03.05.2025-07.05.2025)

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 37.0-38.0°C. Minimum temperature is expected to be around 27.0°C. Morning relative humidity is expected to be around 75-80 per cent and evening relative humidity is expected to be around 70-75 per cent. Wind speed is expected to be around 14-18 km per hour and the wind direction will be from South.

SMS Advisory:

(03.05.2025-07.05.2025) Light to moderate rain is likely to occur at isolated places over Tamilnadu,

Livestock Advisory:

1. The farmers should avoid allowing the animals to graze in hot parts of the day.
2. Sheep and goat should be dewormed by using suitable anthelmintic by consulting with Local veterinary doctor.
3. 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.
4. The dairy buffaloes are very much prone to summer sub fertility, due to higher ambient air temperature. To prevent this proper sheltering with cooling facility are necessary.

5. White pigs meant for fattening purpose which are fed with high fat containing swill feed would suffer heat load during digestion, during summer season. Hence to prevent this fat containing will feed should be fed during late evening hours.
6. 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.
7. Provision of cool wholesome drinking water to livestock and poultry during summer is essential.

Agricultural advisory

Rice:

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 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.

Harvest the matured paddy crops and store in safe places.

For nursery land preparation, to prevent soil borne diseases and better establishment of seedlings apply Azospirillum 2.5 Kg mixed with 25 kg of soil.

Sugarcane:

Mealy bug and pokkahboeng infection identified in sugarcane crop. Mealy bug affect growth of plants and pokkahboeng cause death of young spindles of sugarcane crop. To control spray imidacloprid 17.8 SL 0.6 ml/l or carbendazim 1.0 g/l.

A tonic with nutrients and growth regulators for sugarcane spray the TNAU sugarcane Booster at 45, 60 and 75 days after planting spray booster at 1kg 1.5kg and 2kg respectively and add required quantity of sticking agent.

Coconut:

Installation of yellow sticky traps on the palm trunk to trap the adult whiteflies.

Encourage buildup of parasitoids (*Encarsia* sp.) and reintroduce parasitized pupae of emerging zones of whitefly outbreak.

In sever case, spray neem oil 10 ml/lit of water or spray azadirachtin 2.0 ml/lit of water with 1.0 ml of sticking agent.

Apply coconut husks with convex surface facing upwards (100 Nos) or dried coconut leaves (15 Nos) or coir pith upto a height of 10 cm in the basin of 1.8 meter radius around the palms as much for soil moisture conservation particularly during summer season.

Banana:

To control wilt in banana, apply *Bacillus subtilis* and *Trichoderma viride* @ 2.5 kg/ha. or drenching with *Bacillus subtilis* 5 ml/litre. To overcome micro nutrient deficiency and to improve quality of banana fruit micronutrient plays a major role. Micro nutrient can be sprayed at 3,5 and 7 months after planting of banana.

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



Agromet Advisory Bulletin for the Cuddalore District

Bulletin no. 035/2025 Issued on 02.05.2025

(03.05.2025-07.05.2025)

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 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 02-06 km per hour. Relative humidity was recorded between 70-83 %.

Past week Summary (29.04.2025-01.05.2025)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 07.05.2025				
29.04.2025	30.04.2025	01.05.2025	Date	03.05.2025	04.05.2025	05.05.2025	06.05.2025	07.05.2025
2.4	0.0	0.0	Rainfall (mm)	2	2	3	4	5
35	36	37	Max. Temp. (°C)	37	37	37	38	38
26	27	27	Mini. Temp. (°C)	27	27	27	27	27
78	75	83	Maximum RH (%)	75	75	75	80	80
70	77	78	Minimum RH (%)	70	70	70	75	75
clear Sky	clear Sky	clear Sky	Cloud cover (Octa)	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
South East	East South East	South East	Wind direction (Degree)	South	South	South	South	South
2	4	6	Wind speed Kmp	16	16	18	14	12

Weather Summary for Cuddalore district

Weather forecast for next three days: (03.05.2025-07.05.2025)

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 37.0-38.0°C. Minimum temperature is expected to be around 27.0°C. Morning relative humidity is expected to be around 75-80 per cent and evening relative humidity is expected to be around 70-75 per cent. Wind speed is expected to be around 12-18 km per hour and the wind direction will be from South.

SMS Advisory:

(03.05.2025-07.05.2025) Light to moderate rain is likely to occur at isolated places over Tamilnadu,

Livestock Advisory:

1. The farmers should avoid allowing the animals to graze in hot parts of the day.
2. Sheep and goat should be dewormed by using suitable anthelmintic by consulting with Local veterinary doctor.
3. 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.
4. The dairy buffaloes are very much prone to summer sub fertility, due to higher ambient air temperature. To prevent this proper sheltering with cooling facility are necessary.

5. White pigs meant for fattening purpose which are fed with high fat containing swill feed would suffer heat load during digestion, during summer season. Hence to prevent this fat containing will feed should be fed during late evening hours.
6. 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.
7. Provision of cool wholesome drinking water to livestock and poultry during summer is essential.

Agricultural advisory

Rice:

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 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.

Harvest the matured paddy crops and store in safe places.

For nursery land preparation, to prevent soil borne diseases and better establishment of seedlings apply Azospirillum 2.5 Kg mixed with 25 kg of soil.

Sugarcane:

Mealy bug and pokkahboeng infection identified in sugarcane crop. Mealy bug affect growth of plants and pokkahboeng cause death of young spindles of sugarcane crop. To control spray imidacloprid 17.8 SL 0.6 ml/l or carbendazim 1.0 g/l.

A tonic with nutrients and growth regulators for sugarcane spray the TNAU sugarcane Booster at 45, 60 and 75 days after planting spray booster at 1kg 1.5kg and 2kg respectively and add required quantity of sticking agent.

Coconut:

Installation of yellow sticky traps on the palm trunk to trap the adult whiteflies.

Encourage buildup of parasitoids (*Encarsia* sp.) and reintroduce parasitized pupae of emerging zones of whitefly outbreak.

In sever case, spray neem oil 10 ml/lit of water or spray azadirachtin 2.0 ml/lit of water with 1.0 ml of sticking agent.

Apply coconut husks with convex surface facing upwards (100 Nos) or dried coconut leaves (15 Nos) or coir pith upto a height of 10 cm in the basin of 1.8 meter radius around the palms as much for soil moisture conservation particularly during summer season.

Banana:

To control wilt in banana, apply *Bacillus subtilis* and *Trichoderma viride* @ 2.5 kg/ha. or drenching with *Bacillus subtilis* 5 ml/litre. To overcome micro nutrient deficiency and to improve quality of banana fruit micronutrient plays a major role. Micro nutrient can be sprayed at 3,5 and 7 months after planting of banana.

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



Agromet Advisory Bulletin for the Kallakurichi District
Bulletin no. 035/2025 Issued on 02.05.2025
(03.05.2025-07.05.2025)
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 Kallakurichi.

During past three days around Kallakurichi 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 02-06 km per hour. Relative humidity was recorded between 70-83 %.

Past week Summary (29.04.2025-01.05.2025)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 07.05.2025				
29.04.2025	30.04.2025	01.05.2025		Date	03.05.2025	04.05.2025	05.05.2025	06.05.2025
0.0	0.0	0.0	Rainfall (mm)	2	2	4	4	8
35	36	37	Max. Temp. (°C)	37	37	37	38	38
26	27	27	Mini. Temp. (°C)	27	27	27	27	27
78	75	83	Maximum RH (%)	75	75	75	80	80
70	77	78	Minimum RH (%)	70	70	70	75	75
clear Sky	clear Sky	clear Sky	Cloud cover (Octa)	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
South East	East South East	South East	Wind direction (Degree)	South South West	South West	South	South	South
2	4	6	Wind speed Kmp	10	10	12	12	10

Weather Summary for Kallakurichi district

Weather forecast for next three days: (03.05.2025-07.05.2025)

According to district forecast issued by the India Meteorological Department for Kallakurichi 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°C. Morning relative humidity is expected to be around 75-80 per cent and evening relative humidity is expected to be around 70-75 per cent. Wind speed is expected to be around 10-12 km per hour and the wind direction will be from South.

SMS Advisory:

(03.05.2025-07.05.2025) Light to moderate rain is likely to occur at isolated places over Tamilnadu,

Livestock Advisory:

1. The farmers should avoid allowing the animals to graze in hot parts of the day.
2. Sheep and goat should be dewormed by using suitable anthelmintic by consulting with Local veterinary doctor.
3. 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.
4. The dairy buffaloes are very much prone to summer sub fertility, due to higher ambient air temperature. To prevent this proper sheltering with cooling facility are necessary.

5. White pigs meant for fattening purpose which are fed with high fat containing swill feed would suffer heat load during digestion, during summer season. Hence to prevent this fat containing will feed should be fed during late evening hours.
6. 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.
7. Provision of cool wholesome drinking water to livestock and poultry during summer is essential.

Agricultural advisory

Rice:

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 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.

Harvest the matured paddy crops and store in safe places.

For nursery land preparation, to prevent soil borne diseases and better establishment of seedlings apply Azospirillum 2.5 Kg mixed with 25 kg of soil.

Sugarcane:

Mealy bug and pokkahboeng infection identified in sugarcane crop. Mealy bug affect growth of plants and pokkahboeng cause death of young spindles of sugarcane crop. To control spray imidacloprid 17.8 SL 0.6 ml/l or carbendazim 1.0 g/l.

A tonic with nutrients and growth regulators for sugarcane spray the TNAU sugarcane Booster at 45, 60 and 75 days after planting spray booster at 1kg 1.5kg and 2kg respectively and add required quantity of sticking agent.

Coconut:

Installation of yellow sticky traps on the palm trunk to trap the adult whiteflies.

Encourage buildup of parasitoids (*Encarsia* sp.) and reintroduce parasitized pupae of emerging zones of whitefly outbreak.

In sever case, spray neem oil 10 ml/lit of water or spray azadirachtin 2.0 ml/lit of water with 1.0 ml of sticking agent.

Apply coconut husks with convex surface facing upwards (100 Nos) or dried coconut leaves (15 Nos) or coir pith upto a height of 10 cm in the basin of 1.8 meter radius around the palms as much for soil moisture conservation particularly during summer season.

Banana:

To control wilt in banana, apply *Bacillus subtilis* and *Trichoderma viride* @ 2.5 kg/ha. or drenching with *Bacillus subtilis* 5 ml/litre. To overcome micro nutrient deficiency and to improve quality of banana fruit micronutrient plays a major role. Micro nutrient can be sprayed at 3,5 and 7 months after planting of banana.

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