



Agromet Advisory Bulletin for the Chennai District

Bulletin no. 037/2024 Issued on 07.05.2024

(08.05.2024-12.05.2024)

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 37.0-38.0°C and Minimum temperature was 30.0-31.0°C. Wind speed was 06-09 km per hour. Relative humidity was recorded between 64-79 %.

Past week Summary (03.05.2024-06.05.2024)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 12.05.2024				
03.05.2024	04.05.2024	05.05.2024	06.05.2024	Date	08.05.2024	09.05.2024	10.05.2024	11.05.2024	12.05.2024
0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	2	2	0
38	38	37	37	Max. Temp. (°C)	36	36	35	35	35
30	31	31	31	Mini. Temp. (°C)	29	29	29	28	29
64	67	67	75	Maximum RH %	80	80	80	80	80
79	79	75	79	Minimum RH %	60	60	60	60	60
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 East	South East	South East	Wind direction	South South East	South South East	South South East	South South East	South
6	6	9	7	Wind speed Kmp	20	22	20	18	20

Weather Summary for Chennai district

Weather forecast for next five days: (08.05.2024-12.05.2024)

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 35.0-36.0°C. Minimum temperature is expected to be around 28.0-29.0°C. Morning relative humidity is expected to be around 80 per cent and evening relative humidity is expected to be around 60 per cent. Wind speed is expected to be around 18-22 km per hour and the wind direction will be from South.

SMS Advisory:

(09.05.2024) Heavy rain is likely to occur at one or two places over Krishnagiri, Tirupattur and Vellore districts of 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.

*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. 037/2024 Issued on 07.05.2024

(08.05.2024-12.05.2024)

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 37.0-38.0°C and Minimum temperature was 30.0-31.0°C. Wind speed was 06-09 km per hour. Relative humidity was recorded between 64-79 %.

Past week Summary (03.05.2024-06.05.2024)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 12.05.2024				
03.05.2024	04.05.2024	05.05.2024	06.05.2024	Date	08.05.2024	09.05.2024	10.05.2024	11.05.2024	12.05.2024
0.0	0.0	0.0	0.0	Rainfall (mm)	0	2	2	2	0
38	38	37	37	Max. Temp. (°C)	36	36	35	35	35
30	31	31	31	Mini. Temp. (°C)	29	29	29	28	29
64	67	67	75	Maximum RH %	70	70	80	70	70
79	79	75	79	Minimum RH %	40	40	40	40	30
clear Sky	clear Sky	clear Sky	clear Sky	Cloud cover Octa	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
South South East	South East	South East	South East	Wind direction	South	South South East	South South East	South	South South East
6	6	9	7	Wind speed Kmp	16	18	16	18	18

Weather Summary for Tiruvallur district

Weather forecast for next five days: (08.05.2024-12.05.2024)

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 35.0-36.0°C. Minimum temperature is expected to be around 28.0-29.0°C. Morning relative humidity is expected to be around 70-80 per cent and evening relative humidity is expected to be around 30-40 per cent. Wind speed is expected to be around 16-18 km per hour and the wind direction will be from South South East.

SMS Advisory:

(09.05.2024) Heavy rain is likely to occur at one or two places over Krishnagiri, Tirupattur and Vellore districts of 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 containingswill 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.

Nodal Officer (GKMS)
Professor and Head,
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Agromet Advisory Bulletin for the Thiruvannamalai District
Bulletin no. 037/2024 Issued on 07.05.2024
(08.05.2024-12.05.2024)



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 42.0-44.0°C and Minimum temperature was 25.0-29.0°C. Wind speed was 03-09 km per hour. Relative humidity was recorded between 42-87 %.

Past week Summary (03.05.2024-06.05.2024)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 12.05.2024				
03.05.2024	04.05.2024	05.05.2024	06.05.2024		Date	08.05.2024	09.05.2024	10.05.2024	11.05.2024
0.0	1.0	2.1	0.0	Rainfall (mm)	1	42	3	3	1
44	43	43	42	Max. Temp. (°C)	43	41	40	39	38
29	29	25	29	Mini. Temp. (°C)	25	23	22	22	22
65	64	69	61	Maximum RH %	70	70	80	80	70
48	87	42	44	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
West	South East	South East	South South East	Wind direction	South	South South East	South South East	South South East	South South East
6	9	5	3	Wind speed Kmp	10	12	12	14	14

Weather Summary for TVMalai district

Weather forecast for next five days: (08.05.2024-12.05.2024)

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 38.0-43.0°C. Minimum temperature is expected to be around 22.0-25.0°C. Morning relative humidity is expected to be around 70-80 per cent and evening relative humidity is expected to be around 30 per cent. Wind speed is expected to be around 10-14 km per hour and the wind direction will be from South South East.

SMS Advisory:

(09.05.2024) Heavy rain is likely to occur at one or two places over Krishnagiri, Tirupattur and Vellore districts of 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 containingswill 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.

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Department of Livestock Production Management
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Agromet Advisory Bulletin for the Vellore District

Bulletin no. 037/2024 Issued on 07.05.2024

(08.05.2024-12.05.2024)

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 Vellore.

During past four days around Vellore area, the sky was mostly clear. Maximum temperature was 42.0-44.0°C and Minimum temperature was 25.0-29.0°C. Wind speed was 03-09 km per hour. Relative humidity was recorded between 42-87 %.

Past week Summary (03.05.2024-06.05.2024)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 12.05.2024				
03.05.2024	04.05.2024	05.05.2024	06.05.2024		Date	08.05.2024	09.05.2024	10.05.2024	11.05.2024
1.2	0.0	8.0	0.0	Rainfall (mm)	8	36	26	2	2
44	43	43	42	Max. Temp. (°C)	42	40	39	39	38
29	29	25	29	Mini. Temp. (°C)	25	23	22	22	22
65	64	69	61	Maximum RH %	70	70	80	80	70
48	87	42	44	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
West	South East	South East	South South East	Wind direction	South	South East	South East	South South East	South South East
6	9	5	3	Wind speed Kmp	8	10	10	10	10

Weather Summary for Vellore district

Weather forecast for next five days: (08.05.2024-12.05.2024)

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 38.0-42.0°C. Minimum temperature is expected to be around 22.0-25.0°C. Morning relative humidity is expected to be around 70-80 per cent and evening relative humidity is expected to be around 30 per cent. Wind speed is expected to be around 08-10 km per hour and the wind direction will be from South South East.

SMS Advisory:

(09.05.2024) Heavy rain is likely to occur at one or two places over Krishnagiri, Tirupattur and Vellore districts of 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 containingswill 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.

*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. 037/2024 Issued on 07.05.2024
(08.05.2024-12.05.2024)
Issued jointly by
Tamil Nadu Veterinary and Animal Sciences University
& India Meteorological Department



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

During past four days around Villupuram area, the sky was mostly clear. Maximum temperature was 37.0-39.0°C and Minimum temperature was 29.0-30.0°C. Wind speed was 04-06 km per hour. Relative humidity was recorded between 71-82 %.

Past week Summary (03.05.2024-06.05.2024)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 12.05.2024				
03.05.2024	04.05.2024	05.05.2024	06.05.2024		Date	08.05.2024	09.05.2024	10.05.2024	11.05.2024
0.0	0.0	0.0	0.0	Rainfall (mm)	0	9	1	3	2
37	39	39	38	Max. Temp. (°C)	38	35	35	34	34
29	29	30	30	Mini. Temp. (°C)	30	29	29	28	28
80	80	78	82	Maximum RH %	70	70	70	80	70
71	77	78	78	Minimum RH %	40	40	40	40	40
clear Sky	clear Sky	clear Sky	clear Sky	Cloud cover Octa	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
South	South East	South	South East	Wind direction	South South East	South South East	South South East	South South East	South South East
4	5	6	5	Wind speed Kmp	14	16	16	18	20

Weather Summary for Villupuram district

Weather forecast for next five days: (08.05.2024-12.05.2024)

According to district forecast issued by the India Meteorological Department for Villupuram district, sky will be mostly clear. Maximum temperature is expected to be around 34.0-38.0°C. Minimum temperature is expected to be around 28.0-30.0°C. Morning relative humidity is expected to be around 70-80 per cent and evening relative humidity is expected to be around 40 per cent. Wind speed is expected to be around 14-20 km per hour and the wind direction will be from South South East.

SMS Advisory:

(09.05.2024) Heavy rain is likely to occur at one or two places over Krishnagiri, Tirupattur and Vellore districts of 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.

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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:

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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:

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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 Cuddalore District

Bulletin no. 037/2024 Issued on 07.05.2024

(08.05.2024-12.05.2024)

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 37.0-39.0°C and Minimum temperature was 29.0-30.0°C. Wind speed was 04-06 km per hour. Relative humidity was recorded between 71-82 %.

Past week Summary (03.05.2024-06.05.2024)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 12.05.2024				
03.05.2024	04.05.2024	05.05.2024	06.05.2024	Date	08.05.2024	09.05.2024	10.05.2024	11.05.2024	12.05.2024
0.0	0.0	0.0	0.0	Rainfall (mm)	0	7	1	3	1
37	39	39	38	Max. Temp. (°C)	36	35	35	34	34
29	29	30	30	Mini. Temp. (°C)	30	29	29	28	28
80	80	78	82	Maximum RH %	70	70	70	80	70
71	77	78	78	Minimum RH %	40	40	40	40	40
clear Sky	clear Sky	clear Sky	clear Sky	Cloud cover Octa	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
South	South East	South	South East	Wind direction	South South East	South South East	South South East	South South East	South
4	5	6	5	Wind speed Kmp	12	16	16	18	18

Weather Summary for Cuddalore district

Weather forecast for next five days: (08.05.2024-12.05.2024)

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 34.0-36.0°C. Minimum temperature is expected to be around 28.0-30.0°C. Morning relative humidity is expected to be around 70-80 per cent and evening relative humidity is expected to be around 40 per cent. Wind speed is expected to be around 12-18 km per hour and the wind direction will be from South.

SMS Advisory:

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Agricultural advisory

Rice:

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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.

Nodal Officer (GKMS)
Professor and Head,
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Agromet Advisory Bulletin for the Kancheepuram District
Bulletin no. 037/2024 Issued on 07.05.2024
(08.05.2024-12.05.2024)



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 39.0-40.0°C and Minimum temperature was 28.0-29.0°C. Wind speed was 10-19 km per hour. Relative humidity was recorded between 64-74 %.

Past week Summary (03.05.2024-06.05.2024)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 12.05.2024				
03.05.2024	04.05.2024	05.05.2024	06.05.2024		Date	08.05.2024	09.05.2024	10.05.2024	11.05.2024
0.0	0.0	0.0	1.0	Rainfall (mm)	0	1	1	2	0
40	40	40	39	Max. Temp. (°C)	39	39	38	38	39
28	29	29	29	Mini. Temp. (°C)	29	28	28	27	28
64	68	66	67	Maximum RH %	80	70	70	70	70
74	64	64	71	Minimum RH %	40	40	40	40	30
clear Sky	clear Sky	clear Sky	clear Sky	Cloud cover Octa	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
South South East	South	South South East	South South East	Wind direction	South South East	South South East	South South East	South South East	South
15	10	19	13	Wind speed Kmp	14	18	16	20	20

Weather Summary for Kancheepuram district

Weather forecast for next five days: (08.05.2024-12.05.2024)

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 38.0-39.0°C. Minimum temperature is expected to be around 27.0-29.0°C. Morning relative humidity is expected to be around 70-80 per cent and evening relative humidity is expected to be around 30-40 per cent. Wind speed is expected to be around 14-20 km per hour and the wind direction will be from South.

SMS Advisory:

(09.05.2024) Heavy rain is likely to occur at one or two places over Krishnagiri, Tirupattur and Vellore districts of 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 will feed would suffer heat load during digestion, during summer season. Hence to prevent this fat containingswill 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.

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