



Agromet Advisory Bulletin for the Chennai District

Bulletin no. 036/2025 Issued on 06.05.2025

(07.05.2025-11.05.2025)

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 four days around Chennai area, the sky was mostly clear. Maximum temperature was 35.0-39.0°C and Minimum temperature was 26.0-29.0°C. Wind speed was 04-12 km per hour. Relative humidity was recorded between 61-91 %.

Past week Summary (02.05.2025-05.05.2025)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 11.05.2025				
02.05.2025	03.05.2025	04.05.2025	05.05.2025		Date	07.05.2025	08.05.2025	09.05.2025	10.05.2025
0.0	0.0	0.0	8.9	Rainfall (mm)	5	0	0	0	0
35	36	37	39	Max. Temp. (°C)	35	35	36	36	37
29	29	30	26	Mini. Temp. (°C)	28	28	29	29	30
76	70	67	62	Maximum RH (%)	60	70	60	70	70
72	69	91	61	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 East	South West	South South East	Wind direction (Degree)	South	South South East	South South East	South South East	South East
4	12	5	6	Wind speed Kmp	20	20	18	16	16

Weather Summary for Chennai district

Weather forecast for next five days: (07.05.2025-11.05.2025)

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 35.0-37.0°C. Minimum temperature is expected to be around 28.0-30.0°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 16-20 km per hour and the wind direction will be from South East.

SMS Advisory:

(07.05.2025-11.05.2025) 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. 036/2025 Issued on 06.05.2025

(07.05.2025-11.05.2025)

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 four days around Tiruvallur area, the sky was mostly clear. Maximum temperature was 35.0-39.0°C and Minimum temperature was 26.0-30.0°C. Wind speed was 04-12 km per hour. Relative humidity was recorded between 62-91 %.

Past week Summary (02.05.2025-05.05.2025)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 11.05.2025				
02.05.2025	03.05.2025	04.05.2025	05.05.2025		Date	07.05.2025	08.05.2025	09.05.2025	10.05.2025
0.0	0.0	0.0	12.1	Rainfall (mm)	3	0	0	0	0
35	36	37	39	Max. Temp. (°C)	35	35	36	36	37
29	29	30	26	Mini. Temp. (°C)	28	28	29	29	30
76	70	67	62	Maximum RH (%)	60	70	60	70	70
72	69	91	61	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 East	South West	South South East	Wind direction (Degree)	South	South	South East	South East	South East
4	12	5	6	Wind speed Kmp	18	12	12	12	12

Weather Summary for Tiruvallur district

Weather forecast for next five days: (07.05.2025-11.05.2025)

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 35.0-37.0°C. Minimum temperature is expected to be around 28.0-30.0°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 12-18 km per hour and the wind direction will be from South East.

SMS Advisory:

(07.05.2025-11.05.2025) 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:

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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.

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. 036/2025 Issued on 06.05.2025
(07.05.2025-11.05.2025)



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 four days around Kancheepuram area, the sky was mostly clear. Maximum temperature was 37.0-40.0°C and Minimum temperature was NA.0°C. Wind speed was 07-13 km per hour. Relative humidity was recorded between 59-98 %.

Past week Summary (02.05.2025-05.05.2025)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 11.05.2025				
02.05.2025	03.05.2025	04.05.2025	05.05.2025		Date	07.05.2025	08.05.2025	09.05.2025	10.05.2025
0.0	0.0	0.0	4.3	Rainfall (mm)	12	0	0	0	0
37	38	40	40	Max. Temp. (°C)	36	36	37	37	38
NA	NA	NA	NA	Mini. Temp. (°C)	28	28	29	30	30
75	76	67	66	Maximum RH (%)	60	60	70	70	70
66	70	98	59	Minimum RH (%)	30	30	30	20	20
clear Sky	clear Sky	clear Sky	clear Sky	Cloud cover (Octa)	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
South East	South	South	South East	Wind direction (Degree)	South	South	South South East	South East	South East
7	13	11	9	Wind speed Kmp	16	14	14	14	12

Weather Summary for Kancheepuram district

Weather forecast for next five days: (07.05.2025-11.05.2025)

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 36.0-38.0°C. Minimum temperature is expected to be around 28.0-30.0°C. Morning relative humidity is expected to be around 60-70 per cent and evening relative humidity is expected to be around 20-30 per cent. Wind speed is expected to be around 12-16 km per hour and the wind direction will be from South East.

SMS Advisory:

(07.05.2025-11.05.2025) 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.

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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 Chengalpattu District
Bulletin no. 036/2025 Issued on 06.05.2025
(07.05.2025-11.05.2025)



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 Chengalpattu.

During past four days around Chengalpattu area, the sky was mostly clear. Maximum temperature was 37.0-40.0°C and Minimum temperature was NA.0°C. Wind speed was 07-13 km per hour. Relative humidity was recorded between 59-98 %.

Past week Summary (02.05.2025-05.05.2025)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 11.05.2025				
02.05.2025	03.05.2025	04.05.2025	05.05.2025		Date	07.05.2025	08.05.2025	09.05.2025	10.05.2025
0.0	0.0	0.0	16.0	Rainfall (mm)	11	0	0	0	0
37	38	40	40	Max. Temp. (°C)	36	36	37	37	38
NA	NA	NA	NA	Mini. Temp. (°C)	28	28	29	30	30
75	76	67	66	Maximum RH (%)	60	60	70	70	70
66	70	98	59	Minimum RH (%)	30	30	30	20	20
clear Sky	clear Sky	clear Sky	clear Sky	Cloud cover (Octa)	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
South East	South	South	South East	Wind direction (Degree)	South	South	South	South South East	South East
7	13	11	9	Wind speed Kmp	20	18	18	16	14

Weather Summary for Chengalpattu district

Weather forecast for next five days: (07.05.2025-11.05.2025)

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 36.0-38.0°C. Minimum temperature is expected to be around 28.0-30.0°C. Morning relative humidity is expected to be around 60-70 per cent and evening relative humidity is expected to be around 20-30 per cent. Wind speed is expected to be around 14-20 km per hour and the wind direction will be from South East.

SMS Advisory:

(07.05.2025-11.05.2025) Light to moderate rain is likely to occur at isolated places over Tamilnadu,

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1. The farmers should avoid allowing the animals to graze in hot parts of the day.
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Agricultural advisory

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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.

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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 Thiruvannamalai District

Bulletin no. 036/2025 Issued on 06.05.2025

(07.05.2025-11.05.2025)

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& 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 39.0-41.0°C and Minimum temperature was 25.0-28.0°C. Wind speed was 03-06 km per hour. Relative humidity was recorded between 42-73 %.

Past week Summary (02.05.2025-05.05.2025)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 11.05.2025				
02.05.2025	03.05.2025	04.05.2025	05.05.2025		Date	07.05.2025	08.05.2025	09.05.2025	10.05.2025
0.2	0.3	0.0	4.7	Rainfall (mm)	10	1	0	4	3
40	39	41	41	Max. Temp. (°C)	38	38	39	39	38
27	26	28	25	Mini. Temp. (°C)	27	27	28	27	27
73	68	59	70	Maximum RH (%)	70	50	50	70	70
46	42	52	46	Minimum RH (%)	30	20	30	20	20
clear Sky	clear Sky	clear Sky	clear Sky	Cloud cover (Octa)	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
South	East	North	South South East	Wind direction (Degree)	South South West	South West	West	East South East	North
3	3	4	6	Wind speed Kmp	12	10	10	10	10

Weather Summary for TVMalai district

Weather forecast for next five days: (07.05.2025-11.05.2025)

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 38.0-39.0°C. Minimum temperature is expected to be around 27.0-28.0°C. Morning relative humidity is expected to be around 50-70 per cent and evening relative humidity is expected to be around 20-30 per cent. Wind speed is expected to be around 10-12 km per hour and the wind direction will be from North.

SMS Advisory:

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



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(07.05.2025-11.05.2025)

Issued jointly by

Tamil Nadu Veterinary and Animal Sciences University
& India Meteorological Department



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0.0	8.1	0.0	0.4	Rainfall (mm)	2	0	0	5	2
40	39	41	41	Max. Temp. (°C)	38	38	39	39	38
27	26	28	25	Mini. Temp. (°C)	27	27	28	27	27
73	68	59	70	Maximum RH (%)	70	50	50	70	70
46	42	52	46	Minimum RH (%)	30	20	30	20	20
clear Sky	clear Sky	clear Sky	clear Sky	Cloud cover (Octa)	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
South	East	North	South South East	Wind direction (Degree)	South South West	West	North North West	North	North North West
3	3	4	6	Wind speed Kmp	12	10	10	12	10

Weather Summary for Vellore district

Weather forecast for next five days: (07.05.2025-11.05.2025)

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 38.0-39.0°C. Minimum temperature is expected to be around 27.0-28.0°C. Morning relative humidity is expected to be around 50-70 per cent and evening relative humidity is expected to be around 20-30 per cent. Wind speed is expected to be around 10-12 km per hour and the wind direction will be from North North West.

SMS Advisory:

(07.05.2025-11.05.2025) 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. 036/2025 Issued on 06.05.2025

(07.05.2025-11.05.2025)

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 four days around Ranipet area, the sky was mostly clear. Maximum temperature was 39.0-41.0°C and Minimum temperature was 25.0-28.0°C. Wind speed was 03-06 km per hour. Relative humidity was recorded between 42-73 %.

Past week Summary (02.05.2025-05.05.2025)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 11.05.2025				
02.05.2025	03.05.2025	04.05.2025	05.05.2025		Date	07.05.2025	08.05.2025	09.05.2025	10.05.2025
0.0	0.0	0.0	8.8	Rainfall (mm)	3	1	0	0	0
40	39	41	41	Max. Temp. (°C)	38	38	39	39	38
27	26	28	25	Mini. Temp. (°C)	27	27	28	27	27
73	68	59	70	Maximum RH (%)	70	50	50	70	70
46	42	52	46	Minimum RH (%)	30	20	30	20	20
clear Sky	clear Sky	clear Sky	clear Sky	Cloud cover (Octa)	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
South	East	North	South South East	Wind direction (Degree)	South South West	South South West	East	East South East	East
3	3	4	6	Wind speed Kmp	16	12	14	12	12

Weather Summary for Ranipet district

Weather forecast for next five days: (07.05.2025-11.05.2025)

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 38.0-39.0°C. Minimum temperature is expected to be around 27.0-28.0°C. Morning relative humidity is expected to be around 50-70 per cent and evening relative humidity is expected to be around 20-30 per cent. Wind speed is expected to be around 12-16 km per hour and the wind direction will be from East.

SMS Advisory:

(07.05.2025-11.05.2025) 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. 036/2025 Issued on 06.05.2025

(07.05.2025-11.05.2025)

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 four days around Tirupattur area, the sky was mostly clear. Maximum temperature was 39.0-41.0°C and Minimum temperature was 25.0-28.0°C. Wind speed was 03-06 km per hour. Relative humidity was recorded between 42-73 %.

Past week Summary (02.05.2025-05.05.2025)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 11.05.2025				
02.05.2025	03.05.2025	04.05.2025	05.05.2025	Date	07.05.2025	08.05.2025	09.05.2025	10.05.2025	11.05.2025
0.6	5.1	0.0	1.7	Rainfall (mm)	6	0	0	7	4
40	39	41	41	Max. Temp. (°C)	38	38	39	39	38
27	26	28	25	Mini. Temp. (°C)	27	27	28	27	27
73	68	59	70	Maximum RH (%)	70	50	50	70	70
46	42	52	46	Minimum RH (%)	30	20	30	20	20
clear Sky	clear Sky	clear Sky	clear Sky	Cloud cover (Octa)	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
South	East	North	South South East	Wind direction (Degree)	South West	West	North West	North West	North West
3	3	4	6	Wind speed Kmp	10	10	8	8	8

Weather Summary for Tirupattur district

Weather forecast for next five days: (07.05.2025-11.05.2025)

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 38.0-39.0°C. Minimum temperature is expected to be around 27.0-28.0°C. Morning relative humidity is expected to be around 50-70 per cent and evening relative humidity is expected to be around 20-30 per cent. Wind speed is expected to be around 08-10 km per hour and the wind direction will be from North West.

SMS Advisory:

(07.05.2025-11.05.2025) 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. 036/2025 Issued on 06.05.2025
(07.05.2025-11.05.2025)
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 four days around Villupuram area, the sky was mostly clear. Maximum temperature was 36.0-39.0°C and Minimum temperature was 22.0-27.0°C. Wind speed was 02-07 km per hour. Relative humidity was recorded between 64-91 %.

Past week Summary (02.05.2025-05.05.2025)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 11.05.2025				
02.05.2025	03.05.2025	04.05.2025	05.05.2025	Date	07.05.2025	08.05.2025	09.05.2025	10.05.2025	11.05.2025
0.0	0.0	0.0	12.3	Rainfall (mm)	9	1	0	0	0
37	36	39	36	Max. Temp. (°C)	33	32	32	33	34
27	27	26	22	Mini. Temp. (°C)	26	26	27	27	28
80	81	87	91	Maximum RH (%)	70	50	60	70	60
75	77	82	64	Minimum RH (%)	30	30	30	30	20
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 South East	South East	South East	Wind direction (Degree)	South	South West	South	South South East	East South East
4	7	5	2	Wind speed Kmp	18	14	14	16	14

Weather Summary for Villupuram district

Weather forecast for next five days: (07.05.2025-11.05.2025)

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 32.0-34.0°C. Minimum temperature is expected to be around 26.0-28.0°C. Morning relative humidity is expected to be around 50-70 per cent and evening relative humidity is expected to be around 20-30 per cent. Wind speed is expected to be around 14-18 km per hour and the wind direction will be from East South East.

SMS Advisory:

(07.05.2025-11.05.2025) 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. 036/2025 Issued on 06.05.2025

(07.05.2025-11.05.2025)

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 four days around Cuddalore area, the sky was mostly clear. Maximum temperature was 36.0-39.0°C and Minimum temperature was 22.0-27.0°C. Wind speed was 02-07 km per hour. Relative humidity was recorded between 64-91 %.

Past week Summary (02.05.2025-05.05.2025)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 11.05.2025				
02.05.2025	03.05.2025	04.05.2025	05.05.2025	Date	07.05.2025	08.05.2025	09.05.2025	10.05.2025	11.05.2025
0.0	0.0	1.0	43.4	Rainfall (mm)	13	1	0	0	0
37	36	39	36	Max. Temp. (°C)	33	32	32	33	34
27	27	26	22	Mini. Temp. (°C)	26	26	27	27	28
80	81	87	91	Maximum RH (%)	70	50	60	70	60
75	77	82	64	Minimum RH (%)	30	30	30	30	20
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 South East	South East	South East	Wind direction (Degree)	South South West	South South West	South South West	South	South
4	7	5	2	Wind speed Kmp	14	14	14	16	16

Weather Summary for Cuddalore district

Weather forecast for next five days: (07.05.2025-11.05.2025)

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 32.0-34.0°C. Minimum temperature is expected to be around 26.0-28.0°C. Morning relative humidity is expected to be around 50-70 per cent and evening relative humidity is expected to be around 20-30 per cent. Wind speed is expected to be around 14-16 km per hour and the wind direction will be from South.

SMS Advisory:

(07.05.2025-11.05.2025) 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. 036/2025 Issued on 06.05.2025
(07.05.2025-11.05.2025)
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 four days around Kallakurichi area, the sky was mostly clear. Maximum temperature was 36.0-39.0°C and Minimum temperature was 22.0-27.0°C. Wind speed was 02-07 km per hour. Relative humidity was recorded between 64-91 %.

Past week Summary (02.05.2025-05.05.2025)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 11.05.2025				
02.05.2025	03.05.2025	04.05.2025	05.05.2025		Date	07.05.2025	08.05.2025	09.05.2025	10.05.2025
0.0	0.0	0.0	24.3	Rainfall (mm)	14	1	0	3	0
37	36	39	36	Max. Temp. (°C)	33	32	32	33	34
27	27	26	22	Mini. Temp. (°C)	26	26	27	27	28
80	81	87	91	Maximum RH (%)	70	50	60	70	60
75	77	82	64	Minimum RH (%)	30	30	30	30	20
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 South East	South East	South East	Wind direction (Degree)	South South West	West South West	West South West	South West	North West
4	7	5	2	Wind speed Kmp	12	12	8	10	12

Weather Summary for Kallakurichi district

Weather forecast for next five days: (07.05.2025-11.05.2025)

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 32.0-34.0°C. Minimum temperature is expected to be around 26.0-28.0°C. Morning relative humidity is expected to be around 50-70 per cent and evening relative humidity is expected to be around 20-30 per cent. Wind speed is expected to be around 08-12 km per hour and the wind direction will be from North West.

SMS Advisory:

(07.05.2025-11.05.2025) 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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