



Agromet Advisory Bulletin for the Chennai District

Bulletin no. 028/2024 Issued on 05.04.2024

(06.04.2024-10.04.2024)

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 three days around Chennai area, the sky was mostly clear. Maximum temperature was 35.0-36.0°C and Minimum temperature was 28.0-29.0°C. Wind speed was 04-06 km per hour. Relative humidity was recorded between 62-77 %.

Past week Summary (02.04.2024-04.04.2024)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 10.04.2024				
02.04.2024	03.04.2024	04.04.2024	Date	06.04.2024	07.04.2024	08.04.2024	09.04.2024	10.04.2024
0.0	0.0	0.0	Rainfall (mm)	0	0	1	1	1
35	35	36	Max. Temp. (°C)	36	36	37	37	38
28	28	29	Mini. Temp. (°C)	28	28	27	28	28
73	72	77	Maximum RH %	90	80	90	80	80
74	62	69	Minimum RH %	20	20	30	30	50
clear Sky	clear Sky	clear Sky	Cloud cover Octa	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
South East	South South East	South South East	Wind direction	South	South South East	South South East	South East	South East
6	5	4	Wind speed Kmp	16	18	18	16	16

Weather Summary for Chennai district

Weather forecast for next five days: (06.04.2024-10.04.2024)

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 36.0-38.0°C. Minimum temperature is expected to be around 27.0-28.0°C. Morning relative humidity is expected to be around 80-90 per cent and evening relative humidity is expected to be around 20-50 per cent. Wind speed is expected to be around 16-18 km per hour and the wind direction will be from South East.

SMS Advisory:

(06.04.2024-10.04.2024) Maximum temperature is likely to be 2-3°C above normal at a few places over Tamilnadu.

Livestock Advisory:

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

6. To prevent the methane and ammonia accumulation in pig sty provision of proper ventilation is necessary.
7. To prevent water stagnation proper drainage must be provided in livestock shelter.
8. The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age).
9. Add 5% shell grit in laying hens for optimum egg production.
10. Plantation of trees around the livestock shed not only enhances ventilation but also prevent heat stress particularly dairy cattle.

Agricultural advisory

Rice:

To control leaf folder, spray chlorantraniliprole 18.5% SC @ 6mg per 10 litre of water. Spray 1% PPFM and incorporate the multiplied azolla insitu in the field for decomposition to release nitrogen.

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.

Groundnut:

There are possibilities of early leaf spot infestation in groundnut. For management farmers are advised to spray Carbendazim 500 g/ha.

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.

Coconut:

Apply coconut husks with convex surface facing upwards (100 Nos.) or dried coconut leaves (15 Nos) or coir pith up to a height of 10 cm in the basin of 1.8 m radius around the palms as mulch for soil moisture conservation particularly during summer season. Husk burial can be done in coconut basins or in the interspaces to overcome drought and button shedding. Bury husks @ 100 Nos. with concave surface facing upwards or 25 kg of coir pith /palm in circular trenches, dug 30 cm width and 60 cm depth at 1.5 meters radius.

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.

In coconut there are possibilities of Rugose Spiraling whitefly infestation. For management farmers are advised to take up spray of Neem oil @ 3% .

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. 028/2024 Issued on 05.04.2024

(06.04.2024-10.04.2024)

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 three days around Tiruvallur area, the sky was mostly clear. Maximum temperature was 35.0-36.0°C and Minimum temperature was 28.0-29.0°C. Wind speed was 04-06 km per hour. Relative humidity was recorded between 62-77 %.

Past week Summary (02.04.2024-04.04.2024)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 10.04.2024				
02.04.2024	03.04.2024	04.04.2024	Date	06.04.2024	07.04.2024	08.04.2024	09.04.2024	10.04.2024
0.0	0.0	0.0	Rainfall (mm)	0	0	0	1	0
35	35	36	Max. Temp. (°C)	36	36	37	37	38
28	28	29	Mini. Temp. (°C)	28	28	27	28	28
73	72	77	Maximum RH %	90	80	90	80	80
74	62	69	Minimum RH %	20	20	30	30	50
clear Sky	clear Sky	clear Sky	Cloud cover Octa	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
South East	South South East	South South East	Wind direction	South	South South East	South South East	South East	South South East
6	5	4	Wind speed Kmp	12	14	16	12	14

Weather Summary for Tiruvallur district

Weather forecast for next five days: (06.04.2024-10.04.2024)

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 36.0-38.0°C. Minimum temperature is expected to be around 27.0-28.0°C. Morning relative humidity is expected to be around 80-90 per cent and evening relative humidity is expected to be around 20-50 per cent. Wind speed is expected to be around 12-16 km per hour and the wind direction will be from South South East.

SMS Advisory:

(06.04.2024-10.04.2024) Maximum temperature is likely to be 2-3°C above normal at a few places over Tamilnadu.

Livestock Advisory:

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

6. To prevent the methane and ammonia accumulation in pig sty provision of proper ventilation is necessary.
7. To prevent water stagnation proper drainage must be provided in livestock shelter.
8. The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age).
9. Add 5% shell grit in laying hens for optimum egg production.
10. Plantation of trees around the livestock shed not only enhances ventilation but also prevent heat stress particularly dairy cattle.

Agricultural advisory

Rice:

To control leaf folder, spray chlorantraniliprole 18.5% SC @ 6mg per 10 litre of water. Spray 1% PPFM and incorporate the multiplied azolla insitu in the field for decomposition to release nitrogen.

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.

Groundnut:

There are possibilities of early leaf spot infestation in groundnut. For management farmers are advised to spray Carbendazim 500 g/ha.

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.

Coconut:

Apply coconut husks with convex surface facing upwards (100 Nos.) or dried coconut leaves (15 Nos) or coir pith up to a height of 10 cm in the basin of 1.8 m radius around the palms as mulch for soil moisture conservation particularly during summer season. Husk burial can be done in coconut basins or in the interspaces to overcome drought and button shedding. Bury husks @ 100 Nos. with concave surface facing upwards or 25 kg of coir pith /palm in circular trenches, dug 30 cm width and 60 cm depth at 1.5 meters radius.

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.

In coconut there are possibilities of Rugose Spiraling whitefly infestation. For management farmers are advised to take up spray of Neem oil @ 3% .

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. 028/2024 Issued on 05.04.2024

(06.04.2024-10.04.2024)

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 three days around TVMalai area, the sky was mostly clear. Maximum temperature was 39.0-40.0°C and Minimum temperature was 25.0-26.0°C. Wind speed was 03-04 km per hour. Relative humidity was recorded between 28-73 %.

Past week Summary (02.04.2024-04.04.2024)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 10.04.2024				
02.04.2024	03.04.2024	04.04.2024	Date	06.04.2024	07.04.2024	08.04.2024	09.04.2024	10.04.2024
0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
39	40	39	Max. Temp. (°C)	39	40	39	40	40
25	26	26	Mini. Temp. (°C)	24	25	25	24	25
73	72	73	Maximum RH %	80	70	70	90	90
33	28	30	Minimum RH %	20	20	20	20	30
clear Sky	clear Sky	clear Sky	Cloud cover Octa	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
South South East	South West	South East	Wind direction	South South East	South South East	South East	South East	South East
4	4	3	Wind speed Kmp	10	12	14	12	12

Weather Summary for TVMalai district

Weather forecast for next five days: (06.04.2024-10.04.2024)

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 39.0-40.0°C. Minimum temperature is expected to be around 24.0-25.0°C. Morning relative humidity is expected to be around 70-90 per cent and evening relative humidity is expected to be around 20-30 per cent. Wind speed is expected to be around 10-14 km per hour and the wind direction will be from South East.

SMS Advisory:

(06.04.2024-10.04.2024) Maximum temperature is likely to be 2-3°C above normal at a few places over Tamilnadu.

Livestock Advisory:

1. Livestock must be given medicated bath to avoid ectoparasite infestation. Moreover dipping Must be done on a sunny day.
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6. To prevent the methane and ammonia accumulation in pig sty provision of proper ventilation is necessary.
7. To prevent water stagnation proper drainage must be provided in livestock shelter.
8. The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age).
9. Add 5% shell grit in laying hens for optimum egg production.
10. Plantation of trees around the livestock shed not only enhances ventilation but also prevent heat stress particularly dairy cattle.

Agricultural advisory

Rice:

To control leaf folder, spray chlorantraniliprole 18.5% SC @ 6mg per 10 litre of water. Spray 1% PPFM and incorporate the multiplied azolla insitu in the field for decomposition to release nitrogen.

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.

Groundnut:

There are possibilities of early leaf spot infestation in groundnut. For management farmers are advised to spray Carbendazim 500 g/ha.

Banana:

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Coconut:

Apply coconut husks with convex surface facing upwards (100 Nos.) or dried coconut leaves (15 Nos) or coir pith up to a height of 10 cm in the basin of 1.8 m radius around the palms as mulch for soil moisture conservation particularly during summer season. Husk burial can be done in coconut basins or in the interspaces to overcome drought and button shedding. Bury husks @ 100 Nos. with concave surface facing upwards or 25 kg of coir pith /palm in circular trenches, dug 30 cm width and 60 cm depth at 1.5 meters radius.

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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. 028/2024 Issued on 05.04.2024

(06.04.2024-10.04.2024)

Issued jointly by

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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 39.0-40.0°C and Minimum temperature was 25.0-26.0°C. Wind speed was 03-04 km per hour. Relative humidity was recorded between 28-73 %.

Past week Summary (02.04.2024-04.04.2024)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 10.04.2024				
02.04.2024	03.04.2024	04.04.2024	Date	06.04.2024	07.04.2024	08.04.2024	09.04.2024	10.04.2024
0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
39	40	39	Max. Temp. (°C)	39	40	39	40	40
25	26	26	Mini. Temp. (°C)	24	25	25	24	25
73	72	73	Maximum RH %	80	70	70	90	90
33	28	30	Minimum RH %	20	20	20	20	30
clear Sky	clear Sky	clear Sky	Cloud cover Octa	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
South South East	South West	South East	Wind direction	South East	South East	South East	South South East	South East
4	4	3	Wind speed Kmp	10	10	12	14	12

Weather Summary for Vellore district

Weather forecast for next five days: (06.04.2024-10.04.2024)

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SMS Advisory:

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Agricultural advisory

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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 Villupuram District
Bulletin no. 028/2024 Issued on 05.04.2024
(06.04.2024-10.04.2024)
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 three days around Villupuram area, the sky was mostly clear. Maximum temperature was 35.0-36.0°C and Minimum temperature was 26.0-27.0°C. Wind speed was 04-05 km per hour. Relative humidity was recorded between 71-83 %.

Past week Summary (02.04.2024-04.04.2024)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 10.04.2024				
02.04.2024	03.04.2024	04.04.2024	Date	06.04.2024	07.04.2024	08.04.2024	09.04.2024	10.04.2024
0.0	0.0	0.0	Rainfall (mm)	0	0	1	1	1
35	36	36	Max. Temp. (°C)	36	36	37	37	37
26	27	27	Mini. Temp. (°C)	27	27	26	26	27
82	83	83	Maximum RH %	90	80	90	90	80
71	73	74	Minimum RH %	20	30	30	40	50
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 South East	Wind direction	South South West	South South East	South East	South East	South East
5	4	4	Wind speed Kmp	14	14	16	14	12

Weather Summary for Villupuram district

Weather forecast for next five days: (06.04.2024-10.04.2024)

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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. 028/2024 Issued on 05.04.2024

(06.04.2024-10.04.2024)

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 three days around Cuddalore area, the sky was mostly clear. Maximum temperature was 35.0-36.0°C and Minimum temperature was 26.0-27.0°C. Wind speed was 04-05 km per hour. Relative humidity was recorded between 71-83 %.

Past week Summary (02.04.2024-04.04.2024)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 10.04.2024				
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35	36	36	Max. Temp. (°C)	36	36	37	37	37
26	27	27	Mini. Temp. (°C)	27	27	26	26	27
82	83	83	Maximum RH %	90	80	90	90	80
71	73	74	Minimum RH %	20	30	30	40	50
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 South East	Wind direction	South South East	South South East	South East	South East	East South East
5	4	4	Wind speed Kmp	12	16	16	14	12

Weather Summary for Cuddalore district

Weather forecast for next five days: (06.04.2024-10.04.2024)

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SMS Advisory:

(06.04.2024-10.04.2024) Maximum temperature is likely to be 2-3°C above normal at a few places over Tamilnadu.

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6. To prevent the methane and ammonia accumulation in pig sty provision of proper ventilation is necessary.
7. To prevent water stagnation proper drainage must be provided in livestock shelter.
8. The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age).
9. Add 5% shell grit in laying hens for optimum egg production.
10. Plantation of trees around the livestock shed not only enhances ventilation but also prevent heat stress particularly dairy cattle.

Agricultural advisory

Rice:

To control leaf folder, spray chlorantraniliprole 18.5% SC @ 6mg per 10 litre of water. Spray 1% PPFM and incorporate the multiplied azolla insitu in the field for decomposition to release nitrogen.

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.

Groundnut:

There are possibilities of early leaf spot infestation in groundnut. For management farmers are advised to spray Carbendazim 500 g/ha.

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.

Coconut:

Apply coconut husks with convex surface facing upwards (100 Nos.) or dried coconut leaves (15 Nos) or coir pith up to a height of 10 cm in the basin of 1.8 m radius around the palms as mulch for soil moisture conservation particularly during summer season. Husk burial can be done in coconut basins or in the interspaces to overcome drought and button shedding. Bury husks @ 100 Nos. with concave surface facing upwards or 25 kg of coir pith /palm in circular trenches, dug 30 cm width and 60 cm depth at 1.5 meters radius.

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.

In coconut there are possibilities of Rugose Spiraling whitefly infestation. For management farmers are advised to take up spray of Neem oil @ 3% .

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. 028/2024 Issued on 05.04.2024
(06.04.2024-10.04.2024)



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 three days around Kancheepuram area, the sky was mostly clear. Maximum temperature was 36.0-38.0°C and Minimum temperature was 26.0-27.0°C. Wind speed was 07-11 km per hour. Relative humidity was recorded between 50-76 %.

Past week Summary (02.04.2024-04.04.2024)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 10.04.2024				
02.04.2024	03.04.2024	04.04.2024	Date	06.04.2024	07.04.2024	08.04.2024	09.04.2024	10.04.2024
0.0	0.0	0.0	Rainfall (mm)	0	0	1	1	1
36	37	38	Max. Temp. (°C)	38	38	37	38	38
26	26	27	Mini. Temp. (°C)	26	25	26	26	26
73	74	76	Maximum RH %	90	80	90	80	90
64	50	55	Minimum RH %	20	20	20	30	50
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	Wind direction	South	South	South East	South East	South East
11	9	7	Wind speed Kmp	12	14	14	14	14

Weather Summary for Kancheepuram district

Weather forecast for next five days: (06.04.2024-10.04.2024)

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 37.0-38.0°C. Minimum temperature is expected to be around 25.0-26.0°C. Morning relative humidity is expected to be around 80-90 per cent and evening relative humidity is expected to be around 20-50 per cent. Wind speed is expected to be around 12-14 km per hour and the wind direction will be from South East.

SMS Advisory:

(06.04.2024-10.04.2024) Maximum temperature is likely to be 2-3°C above normal at a few places over Tamilnadu.

Livestock Advisory:

1. Livestock must be given medicated bath to avoid ectoparasite infestation. Moreover dipping must be done on a sunny day.
2. Scabies affected rabbits must be isolated and treated. The cage must be disinfected with flame gun.
3. The surplus fodder available must be preserved as silage for summer feeding.
4. Newly born piglets must be protected from cold drafts

5. The livestock must be provided in clean wholesome drinking water
6. To prevent the methane and ammonia accumulation in pig sty provision of proper ventilation is necessary.
7. To prevent water stagnation proper drainage must be provided in livestock shelter.
8. The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age).
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