



Agromet Advisory Bulletin for the Chennai District

Bulletin no. 086/2024 Issued on 25.10.2024

(26.10.2024-30.10.2024)

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 34.0-35.0°C and Minimum temperature was 27.0°C. Wind speed was 04-06 km per hour. Relative humidity was recorded between 77-82 %.

Past week Summary (22.10.2024-24.10.2024)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 30.10.2024				
22.10.2024	23.10.2024	24.10.2024		Date	26.10.2024	27.10.2024	28.10.2024	29.10.2024
0.0	0.2	0.0	Rainfall (mm)	0	0	2	2	3
34	35	34	Max. Temp. (°C)	33	34	34	33	33
27	27	27	Mini. Temp. (°C)	27	28	28	28	28
81	77	82	Maximum RH (%)	70	60	70	80	70
79	77	79	Minimum RH (%)	40	50	50	60	60
Partly cloudy	Partly cloudy	Partly cloudy	Cloud cover (Octa)	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy
East South East	East North East	North North West	Wind direction (Degree)	South West	South South West	South	South South East	South East
4	4	6	Wind speed Kmp	12	14	16	16	16

Weather Summary for Chennai district

Weather forecast for next five days: (26.10.2024-30.10.2024)

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 33.0-34.0°C. Minimum temperature is expected to be around 27.0-28.0°C. Morning relative humidity is expected to be around 60-80 per cent and evening relative humidity is expected to be around 40-60 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:

(26.10.2024-30.10.2024) Light to moderate rain is likely to occur at one or two places over Tamilnadu.

Livestock Advisory:

1. The young livestock must protected from cold drafts with straw bedding and gunny bag so that the body temperature would be maintained.
2. Since this rainy season is conducive for occurrence of Coccidiosis in rabbit colonies strict biosecurity should be implicated.
3. The feed soiled water must be disposed off to prevent aflotoxicosis or they must be completely dried to wet free
4. The drinking water may be boiled to body temperature before giving to livestock so that they will not suffer cold shock
5. The breeding materials of pen must be maintained damp free

6. The carcasses must be disposed off sufficing the preventive measures
7. Since stagnated water may predispose to water borne diseases, care must be exercised to clean and disinfect them.
8. To avoid pneumonia in calves and kids prevent them from drenching in rain water
9. To prevent the ammonia accumulation there must be in the pig house, good ventilation
10. Provision of 5% shell grit to layers improves the egg quality.

Agricultural advisory

Rice:

Since rain is anticipated, provide drainage for the rice field. To avoid fertilizer application, insecticides or pesticides spray and postpone irrigation.

Farmers are advised provide adequate drainage facilities and drain the stagnant rain and flood water in the rice field and provide aeration to the roots. Submerged paddy crops will be affected by nutrition deficiency so farmers are advised to apply 50 kg of ammonium sulphate or 42 kg of ammonium chloride / acre (or) apply 22 kg of urea + 18 kg of gypsum + 4 kg of neem cake per acre allow to soak overnight and 17 Kg of potash should be mixed while spraying next day.

Due to continuous rainfall leaf folder and stem borer infestation found in paddy crop. To manage them, spray carbosulfan 400 ml/ac or cartap hydrochloride 600 g/ac during morning or evening hours. (Spray after rainfall)

Due to prevailing weather conditions gall midge infestation is found in paddy crop. To control spray chlorpyrifos 20% EC 500 ml/ac or phosalone 35 EC 600 ml/ac. (Spray after rainfall)

Due to prevailing weather condition blast infection was observed in paddy crop. To manage the blast, spray tricyclazole 75% WP 200 g/acre or carbendazim 50WP @ 200g/acre at morning or evening time. (Spray after rainfall)

Groundnut:

Provide drainage for the groundnut field.

Continuous rainfall will be expected forthcoming days, so farmers are advised to avoid groundnut sowing. Provide proper drainage for sown areas. After rainfall groundnut growing farmers reduce the seed borne pathogens, seedling disease and root rot infections treat the seeds with carbendazim @ 2.0 g/kg of seed 24 hours before sowing (or) *Trichoderma viride* @ 4.0 g/kg of seed (or) *Bacillus subtilis* @ 10 g/kg seed.

Turmeric:

To ensure the drainage facility for avoiding rhizome rot disease in turmeric field.

Coconut:

To control rhinoceros beetle in rainy season, setup Rhino lure pheromone trap @ 2 traps/acre

Banaan:

High wind speed (>10 kmph) is expected on forthcoming days, so prop up 5 month old banana trees.

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. 086/2024 Issued on 25.10.2024
(26.10.2024-30.10.2024)



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 34.0-35.0°C and Minimum temperature was 27.0°C. Wind speed was 04-06 km per hour. Relative humidity was recorded between 77-82 %.

Past week Summary (22.10.2024-24.10.2024)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 30.10.2024				
22.10.2024	23.10.2024	24.10.2024		Date	26.10.2024	27.10.2024	28.10.2024	29.10.2024
0.0	1.1	0.9	Rainfall (mm)	0	0	0	1	3
34	35	34	Max. Temp. (°C)	33	34	34	33	33
27	27	27	Mini. Temp. (°C)	27	28	28	28	28
81	77	82	Maximum RH (%)	70	60	70	80	70
79	77	79	Minimum RH (%)	40	50	50	60	60
Partly cloudy	Partly cloudy	Partly cloudy	Cloud cover (Octa)	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy
East South East	East North East	North North West	Wind direction (Degree)	West North West	South West	South South West	South South East	South East
4	4	6	Wind speed Kmp	8	8	10	10	10

Weather Summary for Tiruvallur district

Weather forecast for next five days: (26.10.2024-30.10.2024)

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 33.0-34.0°C. Minimum temperature is expected to be around 27.0-28.0°C. Morning relative humidity is expected to be around 60-80 per cent and evening relative humidity is expected to be around 40-60 per cent. Wind speed is expected to be around 08-10 km per hour and the wind direction will be from South East.

SMS Advisory:

(26.10.2024-30.10.2024) Light to moderate rain is likely to occur at one or two places over Tamilnadu.

Livestock Advisory:

1. The young livestock must protected from cold drafts with straw bedding and gunny bag so that the body temperature would be maintained.
2. Since this rainy season is conducive for occurrence of Coccidiosis in rabbit colonies strict biosecurity should be implicated.
3. The feed soiled water must be disposed off to prevent aflotoxicosis or they must be completely dried to wet free
4. The drinking water may be boiled to body temperature before giving to livestock so that they will not suffer cold shock
5. The breeding materials of pen must be maintained damp free
6. The carcasses must be disposed off sufficing the preventive measures

7. Since stagnated water may predispose to water borne diseases, care must be exercised to clean and disinfect them.
8. To avoid pneumonia in calves and kids prevent them from drenching in rain water
9. To prevent the ammonia accumulation there must be in the pig house, good ventilation
10. Provision of 5% shell grit to layers improves the egg quality.

Agricultural advisory

Rice:

Since rain is anticipated, provide drainage for the rice field. To avoid fertilizer application, insecticides or pesticides spray and postpone irrigation.

Farmers are advised provide adequate drainage facilities and drain the stagnant rain and flood water in the rice field and provide aeration to the roots. Submerged paddy crops will be affected by nutrition deficiency so farmers are advised to apply 50 kg of ammonium sulphate or 42 kg of ammonium chloride / acre (or) apply 22 kg of urea + 18 kg of gypsum + 4 kg of neem cake per acre allow to soak overnight and 17 Kg of potash should be mixed while spraying next day.

Due to continuous rainfall leaf folder and stem borer infestation found in paddy crop. To manage them, spray carbosulfan 400 ml/ac or cartap hydrochloride 600 g/ac during morning or evening hours. (Spray after rainfall)

Due to prevailing weather conditions gall midge infestation is found in paddy crop. To control spray chlorpyrifos 20% EC 500 ml/ac or phosalone 35 EC 600 ml/ac. (Spray after rainfall)

Due to prevailing weather condition blast infection was observed in paddy crop. To manage the blast, spray tricyclazole 75% WP 200 g/acre or carbendazim 50WP @ 200g/acre at morning or evening time. (Spray after rainfall)

Groundnut:

Provide drainage for the groundnut field.

Continuous rainfall will be expected forthcoming days, so farmers are advised to avoid groundnut sowing. Provide proper drainage for sown areas. After rainfall groundnut growing farmers reduce the seed borne pathogens, seedling disease and root rot infections treat the seeds with carbendazim @ 2.0 g/kg of seed 24 hours before sowing (or) *Trichoderma viride* @ 4.0 g/kg of seed (or) *Bacillus subtilis* @ 10 g/kg seed.

Turmeric:

To ensure the drainage facility for avoiding rhizome rot disease in turmeric field.

Coconut:

To control rhinoceros beetle in rainy season, setup Rhino lure pheromone trap @ 2 traps/acre

Banaan:

High wind speed (>10 kmph) is expected on forthcoming days, so prop up 5 month old banana trees.

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. 086/2024 Issued on 25.10.2024
(26.10.2024-30.10.2024)



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 32.0-34.0°C and Minimum temperature was 23.0-25.0°C. Wind speed was 03-06 km per hour. Relative humidity was recorded between 62-96 %.

Past week Summary (22.10.2024-24.10.2024)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 30.10.2024				
22.10.2024	23.10.2024	24.10.2024		Date	26.10.2024	27.10.2024	28.10.2024	29.10.2024
1.7	2.6	5.1	Rainfall (mm)	0	0	0	0	0
32	33	34	Max. Temp. (°C)	32	32	33	33	32
25	25	23	Mini. Temp. (°C)	21	22	21	23	22
90	87	96	Maximum RH (%)	60	60	70	80	90
72	62	80	Minimum RH (%)	40	40	40	50	50
Partly cloudy	Partly cloudy	Partly cloudy	Cloud cover (Octa)	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy
South South East	East South East	East South East	Wind direction (Degree)	North West	West	South South West	South South East	South East
3	6	3	Wind speed Kmp	10	8	8	6	6

Weather Summary for TVMalai district

Weather forecast for next five days: (26.10.2024-30.10.2024)

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 32.0-33.0°C. Minimum temperature is expected to be around 21.0-23.0°C. Morning relative humidity is expected to be around 60-90 per cent and evening relative humidity is expected to be around 40-50 per cent. Wind speed is expected to be around 06-10 km per hour and the wind direction will be from South East.

SMS Advisory:

(26.10.2024-30.10.2024) Light to moderate rain is likely to occur at one or two places over Tamilnadu.

Livestock Advisory:

1. The young livestock must protected from cold drafts with straw bedding and gunny bag so that the body temperature would be maintained.
2. Since this rainy season is conducive for occurrence of Coccidiosis in rabbit colonies strict biosecurity should be implicated.
3. The feed soiled water must be disposed off to prevent aflotoxicosis or they must be completely dried to wet free
4. The drinking water may be boiled to body temperature before giving to livestock so that they will not suffer cold shock
5. The breeding materials of pen must be maintained damp free
6. The carcasses must be disposed off sufficing the preventive measures

7. Since stagnated water may predispose to water borne diseases, care must be exercised to clean and disinfect them.
8. To avoid pneumonia in calves and kids prevent them from drenching in rain water
9. To prevent the ammonia accumulation there must be in the pig house, good ventilation
10. Provision of 5% shell grit to layers improves the egg quality.

Agricultural advisory

Rice:

Since rain is anticipated, provide drainage for the rice field. To avoid fertilizer application, insecticides or pesticides spray and postpone irrigation.

Farmers are advised provide adequate drainage facilities and drain the stagnant rain and flood water in the rice field and provide aeration to the roots. Submerged paddy crops will be affected by nutrition deficiency so farmers are advised to apply 50 kg of ammonium sulphate or 42 kg of ammonium chloride / acre (or) apply 22 kg of urea + 18 kg of gypsum + 4 kg of neem cake per acre allow to soak overnight and 17 Kg of potash should be mixed while spraying next day. Due to continuous rainfall leaf folder and stem borer infestation found in paddy crop. To manage them, spray carbosulfan 400 ml/ac or cartap hydrochloride 600 g/ac during morning or evening hours. (Spray after rainfall)

Due to prevailing weather conditions gall midge infestation is found in paddy crop. To control spray chlorpyrifos 20% EC 500 ml/ac or phosalone 35 EC 600 ml/ac. (Spray after rainfall)

Due to prevailing weather condition blast infection was observed in paddy crop. To manage the blast, spray tricyclazole 75% WP 200 g/acre or carbendazim 50WP @ 200g/acre at morning or evening time. (Spray after rainfall)

Groundnut:

Provide drainage for the groundnut field.

Continuous rainfall will be expected forthcoming days, so farmers are advised to avoid groundnut sowing. Provide proper drainage for sown areas. After rainfall groundnut growing farmers reduce the seed borne pathogens, seedling disease and root rot infections treat the seeds with carbendazim @ 2.0 g/kg of seed 24 hours before sowing (or) *Trichoderma viride* @ 4.0 g/kg of seed (or) *Bacillus subtilis* @ 10 g/kg seed.

Turmeric:

To ensure the drainage facility for avoiding rhizome rot disease in turmeric field.

Coconut:

To control rhinoceros beetle in rainy season, setup Rhino lure pheromone trap @ 2 traps/acre

Banaan:

High wind speed (>10 kmph) is expected on forthcoming days, so prop up 5 month old banana trees.

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. 086/2024 Issued on 25.10.2024

(26.10.2024-30.10.2024)

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 three days around Vellore area, the sky was mostly clear. Maximum temperature was 32.0-34.0°C and Minimum temperature was 23.0-25.0°C. Wind speed was 03-06 km per hour. Relative humidity was recorded between 62-96 %.

Past week Summary (22.10.2024-24.10.2024)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 30.10.2024				
22.10.2024	23.10.2024	24.10.2024	Date	26.10.2024	27.10.2024	28.10.2024	29.10.2024	30.10.2024
2.3	0.0	24.3	Rainfall (mm)	0	0	0	0	2
32	33	34	Max. Temp. (°C)	32	32	33	33	32
25	25	23	Mini. Temp. (°C)	21	22	21	23	22
90	87	96	Maximum RH (%)	60	60	70	80	90
72	62	80	Minimum RH (%)	40	40	40	50	50
Partly cloudy	Partly cloudy	Partly cloudy	Cloud cover (Octa)	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy
South South East	East South East	East South East	Wind direction (Degree)	North West	West North West	West South West	South South East	South East
3	6	3	Wind speed Kmp	10	10	6	4	6

Weather Summary for Vellore district

Weather forecast for next five days: (26.10.2024-30.10.2024)

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 32.0-33.0°C. Minimum temperature is expected to be around 21.0-23.0°C. Morning relative humidity is expected to be around 60-90 per cent and evening relative humidity is expected to be around 40-50 per cent. Wind speed is expected to be around 04-10 km per hour and the wind direction will be from South East.

SMS Advisory:

(26.10.2024-30.10.2024) Light to moderate rain is likely to occur at one or two places over Tamilnadu.

Livestock Advisory:

1. The young livestock must protected from cold drafts with straw bedding and gunny bag so that the body temperature would be maintained.
2. Since this rainy season is conducive for occurrence of Coccidiosis in rabbit colonies strict biosecurity should be implicated.
3. The feed soiled water must be disposed off to prevent aflotoxicosis or they must be completely dried to wet free
4. The drinking water may be boiled to body temperature before giving to livestock so that they will not suffer cold shock
5. The breeding materials of pen must be maintained damp free
6. The carcasses must be disposed off sufficing the preventive measures

7. Since stagnated water may predispose to water borne diseases, care must be exercised to clean and disinfect them.
8. To avoid pneumonia in calves and kids prevent them from drenching in rain water
9. To prevent the ammonia accumulation there must be in the pig house, good ventilation
10. Provision of 5% shell grit to layers improves the egg quality.

Agricultural advisory

Rice:

Since rain is anticipated, provide drainage for the rice field. To avoid fertilizer application, insecticides or pesticides spray and postpone irrigation.

Farmers are advised provide adequate drainage facilities and drain the stagnant rain and flood water in the rice field and provide aeration to the roots. Submerged paddy crops will be affected by nutrition deficiency so farmers are advised to apply 50 kg of ammonium sulphate or 42 kg of ammonium chloride / acre (or) apply 22 kg of urea + 18 kg of gypsum + 4 kg of neem cake per acre allow to soak overnight and 17 Kg of potash should be mixed while spraying next day.

Due to continuous rainfall leaf folder and stem borer infestation found in paddy crop. To manage them, spray carbosulfan 400 ml/ac or cartap hydrochloride 600 g/ac during morning or evening hours. (Spray after rainfall)

Due to prevailing weather conditions gall midge infestation is found in paddy crop. To control spray chlorpyrifos 20% EC 500 ml/ac or phosalone 35 EC 600 ml/ac. (Spray after rainfall)

Due to prevailing weather condition blast infection was observed in paddy crop. To manage the blast, spray tricyclazole 75% WP 200 g/acre or carbendazim 50WP @ 200g/acre at morning or evening time. (Spray after rainfall)

Groundnut:

Provide drainage for the groundnut field.

Continuous rainfall will be expected forthcoming days, so farmers are advised to avoid groundnut sowing. Provide proper drainage for sown areas. After rainfall groundnut growing farmers reduce the seed borne pathogens, seedling disease and root rot infections treat the seeds with carbendazim @ 2.0 g/kg of seed 24 hours before sowing (or) *Trichoderma viride* @ 4.0 g/kg of seed (or) *Bacillus subtilis* @ 10 g/kg seed.

Turmeric:

To ensure the drainage facility for avoiding rhizome rot disease in turmeric field.

Coconut:

To control rhinoceros beetle in rainy season, setup Rhino lure pheromone trap @ 2 traps/acre

Banaan:

High wind speed (>10 kmph) is expected on forthcoming days, so prop up 5 month old banana trees.

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. 086/2024 Issued on 25.10.2024
(26.10.2024-30.10.2024)
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 32.0-33.0°C and Minimum temperature was 24.0-25.0°C. Wind speed was 00-02 km per hour. Relative humidity was recorded between 80-98 %.

Past week Summary (22.10.2024-24.10.2024)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 30.10.2024				
22.10.2024	23.10.2024	24.10.2024		Date	26.10.2024	27.10.2024	28.10.2024	29.10.2024
0.7	0.0	1.0	Rainfall (mm)	3	0	0	0	2
32	32	33	Max. Temp. (°C)	32	33	34	35	35
25	24	24	Mini. Temp. (°C)	23	24	25	25	26
94	92	86	Maximum RH (%)	80	70	70	80	90
82	80	98	Minimum RH (%)	30	30	40	30	50
Partly cloudy	Partly cloudy	Partly cloudy	Cloud cover (Octa)	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy
South		South	Wind direction (Degree)	West North West	South West	South	South South East	South East
2	0	2	Wind speed Kmp	8	10	12	10	10

Weather Summary for Villupuram district

Weather forecast for next five days: (26.10.2024-30.10.2024)

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 32.0-35.0°C. Minimum temperature is expected to be around 23.0-26.0°C. Morning relative humidity is expected to be around 70-90 per cent and evening relative humidity is expected to be around 30-50 per cent. Wind speed is expected to be around 08-12 km per hour and the wind direction will be from South East.

SMS Advisory:

(26.10.2024-30.10.2024) Light to moderate rain is likely to occur at one or two places over Tamilnadu.

Livestock Advisory:

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2. Since this rainy season is conducive for occurrence of Coccidiosis in rabbit colonies strict biosecurity should be implicated.
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6. The carcasses must be disposed off sufficing the preventive measures

7. Since stagnated water may predispose to water borne diseases, care must be exercised to clean and disinfect them.
8. To avoid pneumonia in calves and kids prevent them from drenching in rain water
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Agricultural advisory

Rice:

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Groundnut:

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Turmeric:

To ensure the drainage facility for avoiding rhizome rot disease in turmeric field.

Coconut:

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Banaan:

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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. 086/2024 Issued on 25.10.2024

(26.10.2024-30.10.2024)

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 32.0-33.0°C and Minimum temperature was 24.0-25.0°C. Wind speed was 00-02 km per hour. Relative humidity was recorded between 80-98 %.

Past week Summary (22.10.2024-24.10.2024)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 30.10.2024				
22.10.2024	23.10.2024	24.10.2024	Date	26.10.2024	27.10.2024	28.10.2024	29.10.2024	30.10.2024
1.7	2.1	1.1	Rainfall (mm)	5	2	0	0	2
32	32	33	Max. Temp. (°C)	32	33	34	35	35
25	24	24	Mini. Temp. (°C)	23	24	25	25	26
94	92	86	Maximum RH (%)	80	70	70	80	90
82	80	98	Minimum RH (%)	30	30	40	30	50
Partly cloudy	Partly cloudy	Partly cloudy	Cloud cover (Octa)	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy
South		South	Wind direction (Degree)	West South West	South West	South South West	South	South East
2	0	2	Wind speed Kmp	8	10	12	10	10

Weather Summary for Cuddalore district

Weather forecast for next five days: (26.10.2024-30.10.2024)

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 32.0-35.0°C. Minimum temperature is expected to be around 23.0-26.0°C. Morning relative humidity is expected to be around 70-90 per cent and evening relative humidity is expected to be around 30-50 per cent. Wind speed is expected to be around 08-12 km per hour and the wind direction will be from South East.

SMS Advisory:

(26.10.2024-30.10.2024) Light to moderate rain is likely to occur at one or two places over Tamilnadu.

Livestock Advisory:

1. The young livestock must protected from cold drafts with straw bedding and gunny bag so that the body temperature would be maintained.
2. Since this rainy season is conducive for occurrence of Coccidiosis in rabbit colonies strict biosecurity should be implicated.
3. The feed soiled water must be disposed off to prevent aflotoxicosis or they must be completely dried to wet free
4. The drinking water may be boiled to body temperature before giving to livestock so that they will not suffer cold shock
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7. Since stagnated water may predispose to water borne diseases, care must be exercised to clean and disinfect them.
8. To avoid pneumonia in calves and kids prevent them from drenching in rain water
9. To prevent the ammonia accumulation there must be in the pig house, good ventilation
10. Provision of 5% shell grit to layers improves the egg quality.

Agricultural advisory

Rice:

Since rain is anticipated, provide drainage for the rice field. To avoid fertilizer application, insecticides or pesticides spray and postpone irrigation.

Farmers are advised provide adequate drainage facilities and drain the stagnant rain and flood water in the rice field and provide aeration to the roots. Submerged paddy crops will be affected by nutrition deficiency so farmers are advised to apply 50 kg of ammonium sulphate or 42 kg of ammonium chloride / acre (or) apply 22 kg of urea + 18 kg of gypsum + 4 kg of neem cake per acre allow to soak overnight and 17 Kg of potash should be mixed while spraying next day. Due to continuous rainfall leaf folder and stem borer infestation found in paddy crop. To manage them, spray carbosulfan 400 ml/ac or cartap hydrochloride 600 g/ac during morning or evening hours. (Spray after rainfall)

Due to prevailing weather conditions gall midge infestation is found in paddy crop. To control spray chlorpyrifos 20% EC 500 ml/ac or phosalone 35 EC 600 ml/ac. (Spray after rainfall)
Due to prevailing weather condition blast infection was observed in paddy crop. To manage the blast, spray tricyclazole 75% WP 200 g/acre or carbendazim 50WP @ 200g/acre at morning or evening time. (Spray after rainfall)

Groundnut:

Provide drainage for the groundnut field.

Continuous rainfall will be expected forthcoming days, so farmers are advised to avoid groundnut sowing. Provide proper drainage for sown areas. After rainfall groundnut growing farmers reduce the seed borne pathogens, seedling disease and root rot infections treat the seeds with carbendazim @ 2.0 g/kg of seed 24 hours before sowing (or) *Trichoderma viride* @ 4.0 g/kg of seed (or) *Bacillus subtilis* @ 10 g/kg seed.

Turmeric:

To ensure the drainage facility for avoiding rhizome rot disease in turmeric field.

Coconut:

To control rhinoceros beetle in rainy season, setup Rhino lure pheromone trap @ 2 traps/acre

Banaan:

High wind speed (>10 kmph) is expected on forthcoming days, so prop up 5 month old banana trees.

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. 086/2024 Issued on 25.10.2024
(26.10.2024-30.10.2024)



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 33.0-34.0°C and Minimum temperature was 26.0°C. Wind speed was 02-09 km per hour. Relative humidity was recorded between 77-80 %.

Past week Summary (22.10.2024-24.10.2024)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 30.10.2024				
22.10.2024	23.10.2024	24.10.2024		Date	26.10.2024	27.10.2024	28.10.2024	29.10.2024
0.2	8.7	0.0	Rainfall (mm)	0	0	0	2	4
33	34	34	Max. Temp. (°C)	32	33	34	34	34
26	26	26	Mini. Temp. (°C)	26	26	27	27	26
78	77	77	Maximum RH (%)	70	60	80	90	90
76	80	78	Minimum RH (%)	30	40	40	40	50
Partly cloudy	Partly cloudy	Partly cloudy	Cloud cover (Octa)	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy
East	North East	North East	Wind direction (Degree)	West North West	West South West	South	South South East	South East
9	4	2	Wind speed Kmp	12	10	12	10	10

Weather Summary for Kancheepuram district

Weather forecast for next five days: (26.10.2024-30.10.2024)

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 32.0-34.0°C. Minimum temperature is expected to be around 26.0-27.0°C. Morning relative humidity is expected to be around 60-90 per cent and evening relative humidity is expected to be around 30-50 per cent. Wind speed is expected to be around 10-12 km per hour and the wind direction will be from South East.

SMS Advisory:

(26.10.2024-30.10.2024) Light to moderate rain is likely to occur at one or two places over Tamilnadu.

Livestock Advisory:

1. The young livestock must protected from cold drafts with straw bedding and gunny bag so that the body temperature would be maintained.
2. Since this rainy season is conducive for occurrence of Coccidiosis in rabbit colonies strict biosecurity should be implicated.
3. The feed soiled water must be disposed off to prevent aflotoxicosis or they must be completely dried to wet free
4. The drinking water may be boiled to body temperature before giving to livestock so that they will not suffer cold shock
5. The breeding materials of pen must be maintained damp free

6. The carcasses must be disposed off sufficing the preventive measures
7. Since stagnated water may predispose to water borne diseases, care must be exercised to clean and disinfect them.
8. To avoid pneumonia in calves and kids prevent them from drenching in rain water
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