



Agromet Advisory Bulletin for the Chennai District

Bulletin no. 101/2024 Issued on 17.12.2024

(18.12.2024-22.12.2024)

Issued jointly by

Tamil Nadu Veterinary and Animal Sciences University
& India Meteorological Department



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

During past four days around Chennai area, the sky was mostly clear. Maximum temperature was 27.0-30.0°C and Minimum temperature was 23.0-25.0°C. Wind speed was 06-08 km per hour. Relative humidity was recorded between 67-86 %.

Past week Summary (13.12.2024-16.12.2024)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 22.12.2024				
13.12.2024	14.12.2024	15.12.2024	16.12.2024		Date	18.12.2024	19.12.2024	20.12.2024	21.12.2024
62.1	0.0	0.0	0.0	Rainfall (mm)	50	60	50	10	5
27	29	30	30	Max. Temp. (°C)	28	28	28	30	30
25	23	23	23	Mini. Temp. (°C)	24	24	24	23	23
83	86	84	74	Maximum RH (%)	80	80	80	85	85
68	72	67	68	Minimum RH (%)	70	70	70	65	65
Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Cloud cover (Octa)	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy
North East	North East	East North East	East North East	Wind direction (Degree)	East North East	East North East	East North East	North East	North East
8	6	7	6	Wind speed Kmp	7	7	7	6	6

Weather Summary for Chennai district

Weather forecast for next five days: (18.12.2024-22.12.2024)

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 28.0-30.0°C. Minimum temperature is expected to be around 23.0-24.0°C. Morning relative humidity is expected to be around 80-85 per cent and evening relative humidity is expected to be around 65-70 per cent. Wind speed is expected to be around 06-07 km per hour and the wind direction will be from North East.

SMS Advisory:

(18.12.2024-20.12.2024) Heavy to very heavy rain is likely to occur at isolated places over Chennai, Tiruvallur, Chengalpattu, Kancheepuram, Villupuram and Cuddalore districts of Tamil Nadu.

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 postpond 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. 101/2024 Issued on 17.12.2024

(18.12.2024-22.12.2024)

Issued jointly by

Tamil Nadu Veterinary and Animal Sciences University
& India Meteorological Department



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

During past four days around Tiruvallur area, the sky was mostly clear. Maximum temperature was 27.0-30.0°C and Minimum temperature was 23.0-25.0°C. Wind speed was 06-08 km per hour. Relative humidity was recorded between 67-86 %.

Past week Summary (13.12.2024-16.12.2024)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 22.12.2024				
13.12.2024	14.12.2024	15.12.2024	16.12.2024		Date	18.12.2024	19.12.2024	20.12.2024	21.12.2024
91.7	0.0	0.0	0.0	Rainfall (mm)	50	60	50	15	5
27	29	30	30	Max. Temp. (°C)	28	28	28	30	30
25	23	23	23	Mini. Temp. (°C)	24	24	24	23	23
83	86	84	74	Maximum RH (%)	80	80	80	85	85
68	72	67	68	Minimum RH (%)	70	70	70	65	65
Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Cloud cover (Octa)	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy
North East	North East	East North East	East North East	Wind direction (Degree)	East North East	East North East	East North East	North East	North East
8	6	7	6	Wind speed Kmp	7	7	7	6	6

Weather Summary for Tiruvallur district

Weather forecast for next five days: (18.12.2024-22.12.2024)

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 28.0-30.0°C. Minimum temperature is expected to be around 23.0-24.0°C. Morning relative humidity is expected to be around 80-85 per cent and evening relative humidity is expected to be around 65-70 per cent. Wind speed is expected to be around 06-07 km per hour and the wind direction will be from North East.

SMS Advisory:

(18.12.2024-20.12.2024) Heavy to very heavy rain is likely to occur at isolated places over Chennai, Tiruvallur, Chengalpattu, Kancheepuram, Villupuram and Cuddalore districts of Tamil Nadu.

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 bredding 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. 101/2024 Issued on 17.12.2024
(18.12.2024-22.12.2024)



Issued jointly by
Tamil Nadu Veterinary and Animal Sciences University
& India Meteorological Department

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

During past four days around TVMalai area, the sky was mostly clear. Maximum temperature was 25.0-27.0°C and Minimum temperature was 19.0-23.0°C. Wind speed was 00-04 km per hour. Relative humidity was recorded between 79-98 %.

Past week Summary (13.12.2024-16.12.2024)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 22.12.2024				
13.12.2024	14.12.2024	15.12.2024	16.12.2024		Date	18.12.2024	19.12.2024	20.12.2024	21.12.2024
63.4	0.0	0.0	0.0	Rainfall (mm)	10	15	28	10	10
25	27	27	27	Max. Temp. (°C)	27	27	27	28	28
23	21	19	19	Mini. Temp. (°C)	20	20	20	21	21
98	93	95	91	Maximum RH (%)	95	95	95	92	92
80	82	79	81	Minimum RH (%)	80	80	80	78	78
Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Cloud cover (Octa)	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy
	East	North	North	Wind direction (Degree)	East	East	East	East North East	East North East
0	2	4	2	Wind speed Kmp	6	6	6	4	4

Weather Summary for TVMalai district

Weather forecast for next five days: (18.12.2024-22.12.2024)

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 27.0-28.0°C. Minimum temperature is expected to be around 20.0-21.0°C. Morning relative humidity is expected to be around 92-95 per cent and evening relative humidity is expected to be around 78-80 per cent. Wind speed is expected to be around 04-06 km per hour and the wind direction will be from East North East.

SMS Advisory:

(18.12.2024-20.12.2024) Heavy to very heavy rain is likely to occur at isolated places over Chennai, Tiruvallur, Chengalpattu, Kancheepuram, Villupuram and Cuddalore districts of Tamil Nadu.

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 postpond 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. 101/2024 Issued on 17.12.2024

(18.12.2024-22.12.2024)

Issued jointly by

Tamil Nadu Veterinary and Animal Sciences University
& India Meteorological Department



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

During past four days around Vellore area, the sky was mostly clear. Maximum temperature was 25.0-27.0°C and Minimum temperature was 19.0-23.0°C. Wind speed was 00-04 km per hour. Relative humidity was recorded between 79-98 %.

Past week Summary (13.12.2024-16.12.2024)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 22.12.2024				
13.12.2024	14.12.2024	15.12.2024	16.12.2024		Date	18.12.2024	19.12.2024	20.12.2024	21.12.2024
48.2	0.2	0.0	0.0	Rainfall (mm)	5	24	24	10	10
25	27	27	27	Max. Temp. (°C)	27	27	27	28	28
23	21	19	19	Mini. Temp. (°C)	20	20	20	21	21
98	93	95	91	Maximum RH (%)	95	95	95	92	92
80	82	79	81	Minimum RH (%)	80	80	80	78	78
Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Cloud cover (Octa)	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy
	East	North	North	Wind direction (Degree)	East	East	East	East North East	East North East
0	2	4	2	Wind speed Kmp	6	6	6	4	4

Weather Summary for Vellore district

Weather forecast for next five days: (18.12.2024-22.12.2024)

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 27.0-28.0°C. Minimum temperature is expected to be around 20.0-21.0°C. Morning relative humidity is expected to be around 92-95 per cent and evening relative humidity is expected to be around 78-80 per cent. Wind speed is expected to be around 04-06 km per hour and the wind direction will be from East North East.

SMS Advisory:

(18.12.2024-20.12.2024) Heavy to very heavy rain is likely to occur at isolated places over Chennai, Tiruvallur, Chengalpattu, Kancheepuram, Villupuram and Cuddalore districts of Tamil Nadu.

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.
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 postpond 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. 101/2024 Issued on 17.12.2024

(18.12.2024-22.12.2024)

Issued jointly by

Tamil Nadu Veterinary and Animal Sciences University
& India Meteorological Department



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

During past four days around Villupuram area, the sky was mostly clear. Maximum temperature was 27.0-29.0°C and Minimum temperature was 21.0-23.0°C. Wind speed was 05-09 km per hour. Relative humidity was recorded between 90-94 %.

Past week Summary (13.12.2024-16.12.2024)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 22.12.2024				
13.12.2024	14.12.2024	15.12.2024	16.12.2024		Date	18.12.2024	19.12.2024	20.12.2024	21.12.2024
55.5	0.6	0.0	0.0	Rainfall (mm)	50	45	30	10	10
27	27	29	28	Max. Temp. (°C)	28	28	28	29	29
23	22	21	21	Mini. Temp. (°C)	21	21	21	22	22
94	90	90	91	Maximum RH (%)	90	90	90	92	92
90	92	90	90	Minimum RH (%)	88	88	88	90	90
Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Cloud cover (Octa)	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy
East North East	East North East	North East	East North East	Wind direction (Degree)	East North East	East North East	East North East	North East	North East
7	5	5	9	Wind speed Kmp	10	10	10	8	8

Weather Summary for Villupuram district

Weather forecast for next five days: (18.12.2024-22.12.2024)

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 28.0-29.0°C. Minimum temperature is expected to be around 21.0-22.0°C. Morning relative humidity is expected to be around 90-92 per cent and evening relative humidity is expected to be around 88-90 per cent. Wind speed is expected to be around 08-10 km per hour and the wind direction will be from North East.

SMS Advisory:

(18.12.2024-20.12.2024) Heavy to very heavy rain is likely to occur at isolated places over Chennai, Tiruvallur, Chengalpattu, Kancheepuram, Villupuram and Cuddalore districts of Tamil Nadu.

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.
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 bredding materials of pen must be maintained damp free
6. The carcasses must be disposed off sufficing the preventive measures

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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 postpond irrigation.

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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)

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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:

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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 Cuddalore District

Bulletin no. 101/2024 Issued on 17.12.2024

(18.12.2024-22.12.2024)

Issued jointly by

Tamil Nadu Veterinary and Animal Sciences University
& India Meteorological Department



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

During past four days around Cuddalore area, the sky was mostly clear. Maximum temperature was 27.0-29.0°C and Minimum temperature was 21.0-23.0°C. Wind speed was 05-09 km per hour. Relative humidity was recorded between 90-94 %.

Past week Summary (13.12.2024-16.12.2024)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 22.12.2024				
13.12.2024	14.12.2024	15.12.2024	16.12.2024	Date	18.12.2024	19.12.2024	20.12.2024	21.12.2024	22.12.2024
131.2	2.0	0.0	0.0	Rainfall (mm)	50	40	35	10	10
27	27	29	28	Max. Temp. (°C)	28	28	28	29	29
23	22	21	21	Mini. Temp. (°C)	21	21	21	22	22
94	90	90	91	Maximum RH (%)	90	90	90	92	92
90	92	90	90	Minimum RH (%)	88	88	88	90	90
Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Cloud cover (Octa)	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy
East North East	East North East	North East	East North East	Wind direction (Degree)	East North East	East North East	East North East	North East	North East
7	5	5	9	Wind speed Kmp	10	10	10	8	8

Weather Summary for Cuddalore district

Weather forecast for next five days: (18.12.2024-22.12.2024)

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 28.0-29.0°C. Minimum temperature is expected to be around 21.0-22.0°C. Morning relative humidity is expected to be around 90-92 per cent and evening relative humidity is expected to be around 88-90 per cent. Wind speed is expected to be around 08-10 km per hour and the wind direction will be from North East.

SMS Advisory:

(18.12.2024-20.12.2024) Heavy to very heavy rain is likely to occur at isolated places over Chennai, Tiruvallur, Chengalpattu, Kancheepuram, Villupuram and Cuddalore districts of Tamil Nadu.

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 bredding 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 postpond 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. 101/2024 Issued on 17.12.2024
(18.12.2024-22.12.2024)



Issued jointly by
Tamil Nadu Veterinary and Animal Sciences University
& India Meteorological Department

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

During past four days around Kancheepuram area, the sky was mostly clear. Maximum temperature was 26.0-30.0°C and Minimum temperature was 22.0-24.0°C. Wind speed was 06-13 km per hour. Relative humidity was recorded between 74-92 %.

Past week Summary (13.12.2024-16.12.2024)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 22.12.2024				
13.12.2024	14.12.2024	15.12.2024	16.12.2024		Date	18.12.2024	19.12.2024	20.12.2024	21.12.2024
112.3	0.0	0.0	0.0	Rainfall (mm)	50	60	50	10	5
26	30	30	30	Max. Temp. (°C)	28	28	28	30	30
24	23	22	22	Mini. Temp. (°C)	24	23	23	22	22
92	87	76	81	Maximum RH (%)	88	88	88	85	85
76	74	75	75	Minimum RH (%)	75	75	75	73	73
Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Cloud cover (Octa)	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy
North East	North East	North East	North East	Wind direction (Degree)	North East	North East	North East	North East	North East
6	6	13	6	Wind speed Kmp	6	6	6	4	4

Weather Summary for Kancheepuram district

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SMS Advisory:

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