



**Agromet Advisory Bulletin for the Chennai District**  
**Bulletin no. 091/2024 Issued on 12.11.2024**  
**(13.11.2024-17.11.2024)**  
**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 27.0-32.0°C and Minimum temperature was 25.0°C. Wind speed was 05-07 km per hour. Relative humidity was recorded between 76-88 %.

Past week Summary (08.11.2024-11.11.2024)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 17.11.2024				
08.11.2024	09.11.2024	10.11.2024	11.11.2024	Date	13.11.2024	14.11.2024	15.11.2024	16.11.2024	17.11.2024
19.9	2.2	0.6	0.0	Rainfall (mm)	56	28	29	14	18
27	32	31	32	Max. Temp. (°C)	30	28	27	26	25
25	25	25	25	Mini. Temp. (°C)	25	23	22	21	20
82	88	82	83	Maximum RH (%)	90	90	90	90	90
85	79	76	83	Minimum RH (%)	80	60	60	70	60
Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Cloud cover (Octa)	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy
North West	Noirth North West	North East	North	Wind direction (Degree)	North East	East North East	North East	North East	East North East
7	6	5	7	Wind speed Kmp	14	10	14	14	16

**Weather Summary for Chennai district**

**Weather forecast for next five days: (13.11.2024-17.11.2024)**

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 25.0-30.0°C. Minimum temperature is expected to be around 20.0-25.0°C. Morning relative humidity is expected to be around 90 per cent and evening relative humidity is expected to be around 60-80 per cent. Wind speed is expected to be around 10-16 km per hour and the wind direction will be from East North East.

**SMS Advisory:**

(13.11.2024-15.11.2024) Heavy rain is likely to occur at isolated places over Chennai, Tiruvallur, Kancheepuram, Chengalpattu, Ranipet, Tiruvannamalai, Cuddalore, Kallakurichi and Villupuram districts of Tamil Nadu.

**Livestock Advisory:**

1. To avoid calves drenching under rain the enclosures could be provided with temporary rainbarrier or ordinary gunny bags could be hung to protect them.
2. To avoid the occurrence of milk fever in dairy cattle, feeding of supplementary mineral mixture of 15-30 gms is recommended during pregnancy.
3. The feed soiled water must be disposed off to prevent aflotoxicosis or they must be completely dried to wet free

4. Since this rainy season is conducive for occurrence of Coccidiosis in rabbit colonies strict biosecurity should be implicated.
5. To prevent the ammonia accumulation there must be in the pig house, good ventilation
6. Since stagnated water may predispose to water borne diseases, care must be exercised to clean and disinfect them.
7. To avoid pneumonia in calves and kids prevent them from drenching in rain water
8. Water logged damp areas will predispose the young kids and lambs to coccidial infection leading to mortality, Hence to prevent this kids and lambs must be provided with raised platform system of housing or they must be housed in well ventilated damp free area.
9. The stagnated water around the poultry farms must be cleared immediately, to avoid the development of intermediate host of poultry cestode which tends to develop in stagnated water.

### 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. 091/2024 Issued on 12.11.2024

(13.11.2024-17.11.2024)

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 27.0-32.0°C and Minimum temperature was 25.0°C. Wind speed was 05-07 km per hour. Relative humidity was recorded between 76-88 %.

Past week Summary (08.11.2024-11.11.2024)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 17.11.2024				
08.11.2024	09.11.2024	10.11.2024	11.11.2024		Date	13.11.2024	14.11.2024	15.11.2024	16.11.2024
13.6	0.8	1.2	0.0	Rainfall (mm)	39	28	27	8	14
27	32	31	32	Max. Temp. (°C)	30	28	27	26	25
25	25	25	25	Mini. Temp. (°C)	25	23	23	21	20
82	88	82	83	Maximum RH (%)	90	90	90	90	90
85	79	76	83	Minimum RH (%)	80	60	60	70	60
Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Cloud cover (Octa)	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy
North West	Noirth North West	North East	North	Wind direction (Degree)	North North East	North East	North East	North North East	North East
7	6	5	7	Wind speed Kmp	8	10	10	12	12

### Weather Summary for Tiruvallur district

#### Weather forecast for next five days: (13.11.2024-17.11.2024)

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 25.0-30.0°C. Minimum temperature is expected to be around 20.0-25.0°C. Morning relative humidity is expected to be around 90 per cent and evening relative humidity is expected to be around 60-80 per cent. Wind speed is expected to be around 08-12 km per hour and the wind direction will be from North East.

#### SMS Advisory:

(13.11.2024-15.11.2024) Heavy rain is likely to occur at isolated places over Chennai, Tiruvallur, Kancheepuram, Chengalpattu, Ranipet, Tiruvannamalai, Cuddalore, Kallakurichi and Villupuram districts of Tamil Nadu.

#### Livestock Advisory:

1. To avoid calves drenching under rain the enclosures could be provided with temporary rainbarrier or ordinary gunny bags could be hung to protect them.
2. To avoid the occurrence of milk fever in dairy cattle, feeding of supplementary mineral mixture of 15-30 gms is recommended during pregnancy.
3. The feed soiled water must be disposed off to prevent aflotoxicosis or they must be completely dried to wet free
4. Since this rainy season is conducive for occurrence of Coccidiosis in rabbit colonies strict biosecurity should be implicated.
5. To prevent the ammonia accumulation there must be in the pig house, good ventilation

6. Since stagnated water may predispose to water borne diseases, care must be exercised to clean and disinfect them.
7. To avoid pneumonia in calves and kids prevent them from drenching in rain water
8. Water logged damp areas will predispose the young kids and lambs to coccidial infection leading to mortality, Hence to prevent this kids and lambs must be provided with raised platform system of housing or they must be housed in well ventilated damp free area.
9. The stagnated water around the poultry farms must be cleared immediately, to avoid the development of intermediate host of poultry cestode which tends to develop in stagnated water.

### 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 Thiruvannamalai District

Bulletin no. 091/2024 Issued on 12.11.2024

(13.11.2024-17.11.2024)

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 29.0-32.0°C and Minimum temperature was 23.0°C. Wind speed was 02-05 km per hour. Relative humidity was recorded between 62-88 %.

Past week Summary (08.11.2024-11.11.2024)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 17.11.2024				
08.11.2024	09.11.2024	10.11.2024	11.11.2024		Date	13.11.2024	14.11.2024	15.11.2024	16.11.2024
3.6	0.1	0.0	0.0	Rainfall (mm)	9	5	29	6	6
29	32	31	33	Max. Temp. (°C)	32	31	31	30	29
23	23	23	23	Mini. Temp. (°C)	25	24	23	22	21
85	87	88	86	Maximum RH (%)	90	90	90	90	100
71	62	87	88	Minimum RH (%)	80	70	60	60	70
Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Cloud cover (Octa)	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy
North	East	East	East	Wind direction (Degree)	North North East	North East	North East	North East	North East
2	4	5	4	Wind speed Kmp	10	10	8	10	10

### Weather Summary for TVMalai district

#### Weather forecast for next five days: (13.11.2024-17.11.2024)

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 29.0-32.0°C. Minimum temperature is expected to be around 21.0-25.0°C. Morning relative humidity is expected to be around 90-100 per cent and evening relative humidity is expected to be around 60-80 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:

(13.11.2024-15.11.2024) Heavy rain is likely to occur at isolated places over Chennai, Tiruvallur, Kancheepuram, Chengalpattu, Ranipet, Tiruvannamalai, Cuddalore, Kallakurichi and Villupuram districts of Tamil Nadu.

#### Livestock Advisory:

1. To avoid calves drenching under rain the enclosures could be provided with temporary rainbarrier or ordinary gunny bags could be hung to protect them.
2. To avoid the occurrence of milk fever in dairy cattle, feeding of supplementary mineral mixture of 15-30 gms is recommended during pregnancy.
3. The feed soiled water must be disposed off to prevent aflotoxicosis or they must be completely dried to wet free
4. Since this rainy season is conducive for occurrence of Coccidiosis in rabbit colonies strict biosecurity should be implicated.
5. To prevent the ammonia accumulation there must be in the pig house, good ventilation

6. Since stagnated water may predispose to water borne diseases, care must be exercised to clean and disinfect them.
7. To avoid pneumonia in calves and kids prevent them from drenching in rain water
8. Water logged damp areas will predispose the young kids and lambs to coccidial infection leading to mortality, Hence to prevent this kids and lambs must be provided with raised platform system of housing or they must be housed in well ventilated damp free area.
9. The stagnated water around the poultry farms must be cleared immediately, to avoid the development of intermediate host of poultry cestode which tends to develop in stagnated water.

### 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. 091/2024 Issued on 12.11.2024

(13.11.2024-17.11.2024)

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 29.0-33.0°C and Minimum temperature was 23.0°C. Wind speed was 02-05 km per hour. Relative humidity was recorded between 62-88 %.

Past week Summary (08.11.2024-11.11.2024)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 17.11.2024				
08.11.2024	09.11.2024	10.11.2024	11.11.2024		Date	13.11.2024	14.11.2024	15.11.2024	16.11.2024
2.1	0.0	0.0	0.5	Rainfall (mm)	10	8	6	12	14
29	32	31	33	Max. Temp. (°C)	32	31	31	30	29
23	23	23	23	Mini. Temp. (°C)	25	24	23	23	22
85	87	88	86	Maximum RH (%)	90	90	90	90	100
71	62	87	88	Minimum RH (%)	80	70	60	60	70
Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Cloud cover (Octa)	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy
North	East	East	East	Wind direction (Degree)	North East	East North East	East North East	North East	East North East
2	4	5	4	Wind speed Kmp	6	8	8	10	10

### Weather Summary for Vellore district

#### Weather forecast for next five days: (13.11.2024-17.11.2024)

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 29.0-32.0°C. Minimum temperature is expected to be around 22.0-25.0°C. Morning relative humidity is expected to be around 90-100 per cent and evening relative humidity is expected to be around 60-80 per cent. Wind speed is expected to be around 06-10 km per hour and the wind direction will be from East North East.

#### SMS Advisory:

(13.11.2024-15.11.2024) Heavy rain is likely to occur at isolated places over Chennai, Tiruvallur, Kancheepuram, Chengalpattu, Ranipet, Tiruvannamalai, Cuddalore, Kallakurichi and Villupuram districts of Tamil Nadu.

#### Livestock Advisory:

1. To avoid calves drenching under rain the enclosures could be provided with temporary rainbarrier or ordinary gunny bags could be hung to protect them.
2. To avoid the occurrence of milk fever in dairy cattle, feeding of supplementary mineral mixture of 15-30 gms is recommended during pregnancy.
3. The feed soiled water must be disposed off to prevent aflotoxicosis or they must be completely dried to wet free

4. Since this rainy season is conducive for occurrence of Coccidiosis in rabbit colonies strict biosecurity should be implicated.
5. To prevent the ammonia accumulation there must be in the pig house, good ventilation
6. Since stagnated water may predispose to water borne diseases, care must be exercised to clean and disinfect them.
7. To avoid pneumonia in calves and kids prevent them from drenching in rain water
8. Water logged damp areas will predispose the young kids and lambs to coccidial infection leading to mortality, Hence to prevent this kids and lambs must be provided with raised platform system of housing or they must be housed in well ventilated damp free area.
9. The stagnated water around the poultry farms must be cleared immediately, to avoid the development of intermediate host of poultry cestode which tends to develop in stagnated water.

### 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. 091/2024 Issued on 12.11.2024

(13.11.2024-17.11.2024)

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 32.0-33.0°C and Minimum temperature was 24.0-25.0°C. Wind speed was 02-06 km per hour. Relative humidity was recorded between 67-91 %.

Past week Summary (08.11.2024-11.11.2024)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 17.11.2024				
08.11.2024	09.11.2024	10.11.2024	11.11.2024		Date	13.11.2024	14.11.2024	15.11.2024	16.11.2024
0.6	0.7	0.7	0.0	Rainfall (mm)	27	3	29	17	6
32	33	32	32	Max. Temp. (°C)	32	31	30	29	29
25	24	24	24	Mini. Temp. (°C)	24	23	22	21	21
86	90	87	84	Maximum RH (%)	90	90	90	90	90
91	70	75	67	Minimum RH (%)	70	60	60	60	60
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 West	Wind direction (Degree)	North North East	North East	North North East	North North East	North East
4	4	2	6	Wind speed Kmp	14	10	10	12	12

### Weather Summary for Villupuram district

#### Weather forecast for next five days: (13.11.2024-17.11.2024)

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 29.0-32.0°C. Minimum temperature is expected to be around 21.0-24.0°C. Morning relative humidity is expected to be around 90 per cent and evening relative humidity is expected to be around 60-70 per cent. Wind speed is expected to be around 10-14 km per hour and the wind direction will be from North East.

#### SMS Advisory:

(13.11.2024-15.11.2024) Heavy rain is likely to occur at isolated places over Chennai, Tiruvallur, Kancheepuram, Chengalpattu, Ranipet, Tiruvannamalai, Cuddalore, Kallakurichi and Villupuram districts of Tamil Nadu.

#### Livestock Advisory:

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2. To avoid the occurrence of milk fever in dairy cattle, feeding of supplementary mineral mixture of 15-30 gms is recommended during pregnancy.
3. The feed soiled water must be disposed off to prevent aflotoxicosis or they must be completely dried to wet free
4. Since this rainy season is conducive for occurrence of Coccidiosis in rabbit colonies strict biosecurity should be implicated.
5. To prevent the ammonia accumulation there must be in the pig house, good ventilation

6. Since stagnated water may predispose to water borne diseases, care must be exercised to clean and disinfect them.
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9. The stagnated water around the poultry farms must be cleared immediately, to avoid the development of intermediate host of poultry cestode which tends to develop in stagnated water.

### **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.

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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. 091/2024 Issued on 12.11.2024

(13.11.2024-17.11.2024)

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 32.0-33.0°C and Minimum temperature was 24.0-25.0°C. Wind speed was 02-06 km per hour. Relative humidity was recorded between 67-91 %.

Past week Summary (08.11.2024-11.11.2024)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 17.11.2024				
08.11.2024	09.11.2024	10.11.2024	11.11.2024	Date	13.11.2024	14.11.2024	15.11.2024	16.11.2024	17.11.2024
0.2	0.0	0.9	0.5	Rainfall (mm)	26	6	28	8	4
32	33	32	32	Max. Temp. (°C)	32	31	30	29	29
25	24	24	24	Mini. Temp. (°C)	24	23	23	22	22
86	90	87	84	Maximum RH (%)	90	90	90	90	90
91	70	75	67	Minimum RH (%)	70	60	60	60	60
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 West	Wind direction (Degree)	North North East	East North East	North North East	North East	North East
4	4	2	6	Wind speed Kmp	14	12	10	12	12

### Weather Summary for Cuddalore district

#### Weather forecast for next five days: (13.11.2024-17.11.2024)

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 29.0-32.0°C. Minimum temperature is expected to be around 22.0-24.0°C. Morning relative humidity is expected to be around 90 per cent and evening relative humidity is expected to be around 60-70 per cent. Wind speed is expected to be around 10-14 km per hour and the wind direction will be from North East.

#### SMS Advisory:

(13.11.2024-15.11.2024) Heavy rain is likely to occur at isolated places over Chennai, Tiruvallur, Kancheepuram, Chengalpattu, Ranipet, Tiruvannamalai, Cuddalore, Kallakurichi and Villupuram districts of Tamil Nadu.

#### Livestock Advisory:

1. To avoid calves drenching under rain the enclosures could be provided with temporary rainbarrier or ordinary gunny bags could be hung to protect them.
2. To avoid the occurrence of milk fever in dairy cattle, feeding of supplementary mineral mixture of 15-30 gms is recommended during pregnancy.
3. The feed soiled water must be disposed off to prevent aflotoxicosis or they must be completely dried to wet free
4. Since this rainy season is conducive for occurrence of Coccidiosis in rabbit colonies strict biosecurity should be implicated.
5. To prevent the ammonia accumulation there must be in the pig house, good ventilation

6. Since stagnated water may predispose to water borne diseases, care must be exercised to clean and disinfect them.
7. To avoid pneumonia in calves and kids prevent them from drenching in rain water
8. Water logged damp areas will predispose the young kids and lambs to coccidial infection leading to mortality, Hence to prevent this kids and lambs must be provided with raised platform system of housing or they must be housed in well ventilated damp free area.
9. The stagnated water around the poultry farms must be cleared immediately, to avoid the development of intermediate host of poultry cestode which tends to develop in stagnated water.

### 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. 091/2024 Issued on 12.11.2024

(13.11.2024-17.11.2024)

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 28.0-32.0°C and Minimum temperature was 24.0-25.0°C. Wind speed was 04-12 km per hour. Relative humidity was recorded between 70-87 %.

Past week Summary (08.11.2024-11.11.2024)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 17.11.2024				
08.11.2024	09.11.2024	10.11.2024	11.11.2024		Date	13.11.2024	14.11.2024	15.11.2024	16.11.2024
15.8	0.0	0.2	0.0	Rainfall (mm)	29	27	28	17	16
28	32	32	31	Max. Temp. (°C)	31	29	28	27	26
25	25	24	25	Mini. Temp. (°C)	25	23	22	21	20
87	78	76	75	Maximum RH (%)	90	90	90	90	90
76	76	70	71	Minimum RH (%)	80	70	60	70	60
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 North East	Wind direction (Degree)	North North East	North East	North North East	North North East	North East
6	4	12	9	Wind speed Kmp	12	10	12	10	12

### Weather Summary for Kancheepuram district

#### Weather forecast for next five days: (13.11.2024-17.11.2024)

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 26.0-31.0°C. Minimum temperature is expected to be around 20.0-25.0°C. Morning relative humidity is expected to be around 90 per cent and evening relative humidity is expected to be around 60-80 per cent. Wind speed is expected to be around 10-12 km per hour and the wind direction will be from North East.

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(13.11.2024-15.11.2024) Heavy rain is likely to occur at isolated places over Chennai, Tiruvallur, Kancheepuram, Chengalpattu, Ranipet, Tiruvannamalai, Cuddalore, Kallakurichi and Villupuram districts of Tamil Nadu.

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