



**Agromet Advisory Bulletin for the Chennai District**  
**Bulletin no. 083/2024 Issued on 15.10.2024**  
**(16.10.2024-20.10.2024)**  
**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 five days around Chennai area, the sky was mostly clear. Maximum temperature was 31.0-34.0°C and Minimum temperature was 25.0-27.0°C. Wind speed was 02-09 km per hour. Relative humidity was recorded between 78-100 %.

Past week Summary (10.10.2024-14.10.2024)					Parameters	Ensemble weather forecast valid until 08.30 hrs of 20.10.2024				
10.10.2024	11.10.2024	12.10.2024	13.10.2024	14.10.2024	Date	16.10.2024	17.10.2024	18.10.2024	19.10.2024	20.10.2024
24.1	5.4	6.2	4.0	25.9	Rainfall (mm)	77	79	45	11	14
33	31	33	32	34	Max. Temp. (°C)	28	26	25	24	23
25	26	26	27	25	Mini. Temp. (°C)	24	22	21	20	20
98	95	83	78	95	Maximum RH %	90	90	90	90	90
88	81	85	85	100	Minimum RH %	80	70	60	70	70
Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Cloud cover Octa	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky
East South East	East	East	East	North	Wind direction	West	East	South South East	South West	South West
2	6	5	5	9	Wind speed Kmp	18	10	8	12	10

**Weather Summary for Chennai district**

**Weather forecast for next five days: (16.10.2024-20.10.2024)**

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 23.0-28.0°C. Minimum temperature is expected to be around 20.0-24.0°C. Morning relative humidity is expected to be around 90 per cent and evening relative humidity is expected to be around 60-80 per cent. Wind speed is expected to be around 08-18 km per hour and the wind direction will be from SouthWest.

**SMS Advisory:**

(16.10.2024-18.10.2024) Heavy to very heavy rain with extremely heavy rain at one or two places is likely to occur over Tiruvannamalai, Ranipet, Cuddalore, Villupuram, Kallakurichi, Krishnagiri, Vellore, Tirupattur, Tiruvallur, Kancheepuram, Chengalpattu and Chennai districts.

**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 bedding 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. 083/2024 Issued on 15.10.2024

(16.10.2024-20.10.2024)

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 five days around Tiruvallur area, the sky was mostly clear. Maximum temperature was 31.0-34.0°C and Minimum temperature was 25.0-27.0°C. Wind speed was 02-09 km per hour. Relative humidity was recorded between 78-100 %.

Past week Summary (10.10.2024-14.10.2024)					Parameters	Ensemble weather forecast valid until 08.30 hrs of 20.10.2024				
10.10.2024	11.10.2024	12.10.2024	13.10.2024	14.10.2024	Date	16.10.2024	17.10.2024	18.10.2024	19.10.2024	20.10.2024
17.0	1.4	3.5	3.6	13.2	Rainfall (mm)	76	78	77	18	16
33	31	33	32	34	Max. Temp. (°C)	28	26	25	24	23
25	26	26	27	25	Mini. Temp. (°C)	24	22	21	20	20
98	95	83	78	95	Maximum RH %	90	90	90	90	90
88	81	85	85	100	Minimum RH %	80	70	60	70	70
Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Cloud cover Octa	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky
East South East	East	East	East	North	Wind direction	North North West	North	North	South West	South West
2	6	5	5	9	Wind speed Kmp	14	10	6	8	6

### Weather Summary for Tiruvallur district

#### Weather forecast for next five days: (16.10.2024-20.10.2024)

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 23.0-28.0°C. Minimum temperature is expected to be around 20.0-24.0°C. Morning relative humidity is expected to be around 90 per cent and evening relative humidity is expected to be around 60-80 per cent. Wind speed is expected to be around 06-14 km per hour and the wind direction will be from South West.

#### SMS Advisory:

(16.10.2024-18.10.2024) Heavy to very heavy rain with extremely heavy rain at one or two places is likely to occur over Tiruvannamalai, Ranipet, Cuddalore, Villupuram, Kallakurichi, Krishnagiri, Vellore, Tirupattur, Tiruvallur, Kancheepuram, Chengalpattu and Chennai districts.

#### 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 Thiruvannamalai District**  
**Bulletin no. 083/2024 Issued on 15.10.2024**  
**(16.10.2024-20.10.2024)**  
**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 five days around TVMalai area, the sky was mostly clear. Maximum temperature was 30.0-32.0°C and Minimum temperature was 25.0°C. Wind speed was 00-07 km per hour. Relative humidity was recorded between 76-95 %.

Past week Summary (10.10.2024-14.10.2024)					Parameters	Ensemble weather forecast valid until 08.30 hrs of 20.10.2024				
10.10.2024	11.10.2024	12.10.2024	13.10.2024	14.10.2024	Date	16.10.2024	17.10.2024	18.10.2024	19.10.2024	20.10.2024
1.1	1.6	2.6	17.8	7.5	Rainfall (mm)	46	39	38	11	16
32	30	31	30	32	Max. Temp. (°C)	26	25	24	23	22
25	25	25	25	25	Mini. Temp. (°C)	22	21	20	20	19
94	92	94	92	95	Maximum RH %	90	90	90	90	90
76	92	84	88	81	Minimum RH %	80	70	60	70	70
Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Cloud cover Octa	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky
East North East	East North East	East North East	East		Wind direction	West North West	North West	West North West	South South West	West South West
2	1	3	7	0	Wind speed Kmp	10	6	4	6	4

**Weather Summary for TVMalai district**

**Weather forecast for next five days: (16.10.2024-20.10.2024)**

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 22.0-26.0°C. Minimum temperature is expected to be around 19.0-22.0°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 04-10 km per hour and the wind direction will be from West South West.

**SMS Advisory:**

(16.10.2024-18.10.2024) Heavy to very heavy rain with extremely heavy rain at one or two places is likely to occur over Tiruvannamalai, Ranipet, Cuddalore, Villupuram, Kallakurichi, Krishnagiri, Vellore, Tirupattur, Tiruvallur, Kancheepuram, Chengalpattu and Chennai districts.

**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 bedding 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.

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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. 083/2024 Issued on 15.10.2024

(16.10.2024-20.10.2024)

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 five days around Vellore area, the sky was mostly clear. Maximum temperature was 30.0-32.0°C and Minimum temperature was 25.0°C. Wind speed was 00-07 km per hour. Relative humidity was recorded between 76-95 %.

Past week Summary (10.10.2024-14.10.2024)					Parameters	Ensemble weather forecast valid until 08.30 hrs of 20.10.2024				
10.10.2024	11.10.2024	12.10.2024	13.10.2024	14.10.2024	Date	16.10.2024	17.10.2024	18.10.2024	19.10.2024	20.10.2024
0.2	0.6	3.4	8.5	9.3	Rainfall (mm)	48	46	47	6	17
32	30	31	30	32	Max. Temp. (°C)	26	25	24	23	22
25	25	25	25	25	Mini. Temp. (°C)	22	21	20	20	19
94	92	94	92	95	Maximum RH %	90	90	90	90	90
76	92	84	88	81	Minimum RH %	80	70	60	70	70
Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Cloud cover Octa	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky
East North East	East North East	East North East	East		Wind direction	West	North	West North West	West	West
2	1	3	7	0	Wind speed Kmp	8	6	4	4	6

### Weather Summary for Vellore district

#### Weather forecast for next five days: (16.10.2024-20.10.2024)

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 22.0-26.0°C. Minimum temperature is expected to be around 19.0-22.0°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 04-08 km per hour and the wind direction will be from West.

#### SMS Advisory:

(16.10.2024-18.10.2024) Heavy to very heavy rain with extremely heavy rain at one or two places is likely to occur over Tiruvannamalai, Ranipet, Cuddalore, Villupuram, Kallakurichi, Krishnagiri, Vellore, Tirupattur, Tiruvallur, Kancheepuram, Chengalpattu and Chennai districts.

#### 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 bedding 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. 083/2024 Issued on 15.10.2024

(16.10.2024-20.10.2024)

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 five days around Villupuram area, the sky was mostly clear. Maximum temperature was 30.0-32.0°C and Minimum temperature was 24.0-25.0°C. Wind speed was 00-03 km per hour. Relative humidity was recorded between 80-98 %.

Past week Summary (10.10.2024-14.10.2024)					Parameters	Ensemble weather forecast valid until 08.30 hrs of 20.10.2024				
10.10.2024	11.10.2024	12.10.2024	13.10.2024	14.10.2024	Date	16.10.2024	17.10.2024	18.10.2024	19.10.2024	20.10.2024
3.8	2.7	4.8	12.6	4.9	Rainfall (mm)	46	45	18	21	13
32	30	32	30	32	Max. Temp. (°C)	26	25	24	24	22
25	25	25	25	24	Mini. Temp. (°C)	23	22	21	20	20
95	95	94	95	97	Maximum RH %	90	90	90	90	90
83	81	88	80	98	Minimum RH %	90	60	60	70	70
Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Cloud cover Octa	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky
	East			North West	Wind direction	West North West	West North West	West	South South West	South South West
0	3	0	0	2	Wind speed Kmp	12	8	8	10	6

### Weather Summary for Villupuram district

#### Weather forecast for next five days: (16.10.2024-20.10.2024)

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 22.0-26.0°C. Minimum temperature is expected to be around 20.0-23.0°C. Morning relative humidity is expected to be around 90 per cent and evening relative humidity is expected to be around 60-90 per cent. Wind speed is expected to be around 06-12 km per hour and the wind direction will be from South South West.

#### SMS Advisory:

(16.10.2024-18.10.2024) Heavy to very heavy rain with extremely heavy rain at one or two places is likely to occur over Tiruvannamalai, Ranipet, Cuddalore, Villupuram, Kallakurichi, Krishnagiri, Vellore, Tirupattur, Tiruvallur, Kancheepuram, Chengalpattu and Chennai districts.

#### 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
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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 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.

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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:**

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. 083/2024 Issued on 15.10.2024

(16.10.2024-20.10.2024)

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 five days around Cuddalore area, the sky was mostly clear. Maximum temperature was 30.0-32.0°C and Minimum temperature was 24.0-25.0°C. Wind speed was 00-03 km per hour. Relative humidity was recorded between 80-98 %.

Past week Summary (10.10.2024-14.10.2024)					Parameters	Ensemble weather forecast valid until 08.30 hrs of 20.10.2024				
10.10.2024	11.10.2024	12.10.2024	13.10.2024	14.10.2024	Date	16.10.2024	17.10.2024	18.10.2024	19.10.2024	20.10.2024
2.4	4.6	5.5	10.7	5.1	Rainfall (mm)	48	52	22	11	14
32	30	32	30	32	Max. Temp. (°C)	26	25	24	24	22
25	25	25	25	24	Mini. Temp. (°C)	23	22	21	20	20
95	95	94	95	97	Maximum RH %	90	90	90	90	90
83	81	88	80	98	Minimum RH %	90	60	60	70	70
Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Cloud cover Octa	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky
	East			North West	Wind direction	West North West	South West	South West	South	South South West
0	3	0	0	2	Wind speed Kmp	10	10	8	10	10

### Weather Summary for Cuddalore district

#### Weather forecast for next five days: (16.10.2024-20.10.2024)

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 22.0-26.0°C. Minimum temperature is expected to be around 20.0-23.0°C. Morning relative humidity is expected to be around 90 per cent and evening relative humidity is expected to be around 60-90 per cent. Wind speed is expected to be around 08-10 km per hour and the wind direction will be from South South West.

#### SMS Advisory:

(16.10.2024-18.10.2024) Heavy to very heavy rain with extremely heavy rain at one or two places is likely to occur over Tiruvannamalai, Ranipet, Cuddalore, Villupuram, Kallakurichi, Krishnagiri, Vellore, Tirupattur, Tiruvallur, Kancheepuram, Chengalpattu and Chennai districts.

#### 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 bedding 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. 083/2024 Issued on 15.10.2024

(16.10.2024-20.10.2024)

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 five days around Kancheepuram area, the sky was mostly clear. Maximum temperature was 30.0-33.0°C and Minimum temperature was 24.0-26.0°C. Wind speed was 02-13 km per hour. Relative humidity was recorded between 78-93 %.

Past week Summary (10.10.2024-14.10.2024)					Parameters	Ensemble weather forecast valid until 08.30 hrs of 20.10.2024				
10.10.2024	11.10.2024	12.10.2024	13.10.2024	14.10.2024	Date	16.10.2024	17.10.2024	18.10.2024	19.10.2024	20.10.2024
17.5	9.8	0.5	5.8	11.9	Rainfall (mm)	73	77	35	19	14
33	30	33	31	33	Max. Temp. (°C)	28	27	26	25	24
24	26	25	26	25	Mini. Temp. (°C)	23	21	21	20	20
93	82	92	79	88	Maximum RH %	90	90	90	90	90
83	78	78	79	78	Minimum RH %	80	70	70	70	70
Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Cloud cover Octa	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky
East North East	East South East	North East	East North East	North North West	Wind direction	West North West	North North West	West	South South West	West South West
5	6	2	3	13	Wind speed Kmp	10	8	6	8	6

### Weather Summary for Kancheepuram district

#### Weather forecast for next five days: (16.10.2024-20.10.2024)

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 24.0-28.0°C. Minimum temperature is expected to be around 20.0-23.0°C. Morning relative humidity is expected to be around 90 per cent and evening relative humidity is expected to be around 70-80 per cent. Wind speed is expected to be around 06-10 km per hour and the wind direction will be from West South West.

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