



## Agromet Advisory Bulletin for the Chennai District

Bulletin no. 87/2023 Issued on 31.10.2023

(01.11.2023-05.11.2023)

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 33.0°C and Minimum temperature was 24.0-26.0°C. Wind speed was 00-06 km per hour. Relative humidity was recorded between 75-94 %.

Past week Summary (27.10.2022-30.10.2022)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 05.11.2022				
27.10.2022	28.10.2022	29.10.2022	30.10.2022	Date	01.11.2022	02.11.2022	03.11.2022	04.11.2022	05.11.2022
4.3	1.1	4.3	11.3	Rainfall (mm)	20	10	15	12	10
33	33	33	33	Max. Temp. (°C)	30	30	30	31	31
26	26	26	24	Mini. Temp. (°C)	24	24	24	25	25
85	78	78	94	Maximum RH %	96	96	96	94	94
76	76	75	92	Minimum RH %	78	78	78	75	75
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
North East	North	East		Wind direction	East North East	East North East	East North East	East	East
2	2	6	0	Wind speed Kmp	6	6	6	5	5

### **Weather Summary for Chennai district**

#### **Weather forecast for next five days: (01.11.2023-05.11.2023)**

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 30.0-31.0°C. Minimum temperature is expected to be around 24.0-25.0°C. Morning relative humidity is expected to be around 94-96 per cent and evening relative humidity is expected to be around 75-78 per cent. Wind speed is expected to be around 05-06 km per hour and the wind direction will be from East.

#### **SMS Advisory:**

(01.11.2023) Heavy rain is likely to occur at isolated places over Krishnagiri and Tirupattur districts of Tamilnadu.

## **Livestock Advisory**

1. To avoid the occurrence of milk fever in dairy cattle, feeding of supplementary mineral mixture of 15-30 gms is recommended during pregnancy.
2. To prevent scabies in rabbit all in all out system has to be followed with adequate ectoparasicide spraying.
3. Goat kids and calves protect from direct rain, dampness and cold.
4. Check out for aflotoxicosis in concentrate feed. Addition of toxin binders in feed would prevent this to some extent.
5. Milk animals should be fed with grass and dry fodder concentrate as per the regular schedule.
6. Swill (food wastes) fed fattener pigs should be checked out for sanitary swill feeding since spoilt swill will cause intestinal disorder.
7. Deep litters poultry house should be protected from rain water.
8. Provision of 5% shell grit to layers improves the egg quality.
9. Deworming should carried out as per the seasonal schedule.

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## Agromet Advisory Bulletin for the Thiruvannamalai District

Bulletin no. 87/2023 Issued on 31.10.2023

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**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 31.0-33.0°C and Minimum temperature was 23.0-25.0°C. Wind speed was 00-04 km per hour. Relative humidity was recorded between 58-95 %.

Past week Summary (27.10.2022-30.10.2022)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 05.11.2022				
27.10.2022	28.10.2022	29.10.2022	30.10.2022	Date	01.11.2022	02.11.2022	03.11.2022	04.11.2022	05.11.2022
7.4	0.0	0.2	6.2	Rainfall (mm)	22	4	15	20	15
33	33	33	31	Max. Temp. (°C)	29	29	29	30	30
23	24	25	23	Mini. Temp. (°C)	22	22	22	23	23
85	87	89	95	Maximum RH %	96	96	96	94	94
58	83	83	84	Minimum RH %	86	86	86	84	84
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	South South East		East	Wind direction	East North East	East North East	East North East	East	East
4	3	0	1	Wind speed Kmp	4	4	4	3	3

### Weather Summary for TVMalai district

#### Weather forecast for next five days: (01.11.2023-05.11.2023)

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 29.0-30.0°C. Minimum temperature is expected to be around 22.0-23.0°C. Morning relative humidity is expected to be around 94-96 per cent and evening relative humidity is expected to be around 84-86 per cent. Wind speed is expected to be around 03-04 km per hour and the wind direction will be from East.

#### **SMS Advisory:**

(01.11.2023) Heavy rain is likely to occur at isolated places over Krishnagiri and Tirupattur districts of Tamilnadu.

#### **Livestock Advisory:**

1. To avoid the occurrence of milk fever in dairy cattle, feeding of supplementary mineral mixture of 15-30 gms is recommended during pregnancy.
2. To prevent scabies in rabbit all in all out system has to be followed with adequate ectoparasicide spraying.
3. Goat kids and calves protect from direct rain, dampness and cold.

4. Check out for aflotoxicosis in concentrate feed. Addition of toxin binders in feed would prevent this to some extent.
5. Milk animals should be fed with grass and dry fodder concentrate as per the regular schedule.
6. Swill (food wastes) fed fattener pigs should be checked out for sanitary swill feeding since spoilt swill will cause intestinal disorder.
7. Deep litters poultry house should be protected from rain water.
8. Provision of 5% shell grit to layers improves the egg quality.
9. Deworming should carried out as per the seasonal schedule.

### **Agricultural advisory**

#### **Rice:**

Since rain is anticipated, provide drainage for the rice field. To avoid fertilizer application, insecticides or pesticides spray and postpone irrigation. Harvest the matured crops and store in safe places.

#### **Groundnut:**

Harvest the matured groundnut crops and store in safe places.

#### **Coconut:**

To control rhinoceros beetle, setup Rhino lure pheromone trap @ 2 traps/acre.

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## Agromet Advisory Bulletin for the Villupuram District

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### **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 25.0-26.0°C. Wind speed was 00-04 km per hour. Relative humidity was recorded between 71-96 %.

Past week Summary (27.10.2022-30.10.2022)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 05.11.2022				
27.10.2022	28.10.2022	29.10.2022	30.10.2022	Date	01.11.2022	02.11.2022	03.11.2022	04.11.2022	05.11.2022
0.4	0.0	1.3	12.3	Rainfall (mm)	20	15	14	12	5
33	33	33	32	Max. Temp. (°C)	27	27	27	28	28
25	26	26	25	Mini. Temp. (°C)	24	24	24	25	25
90	85	90	96	Maximum RH %	96	96	96	94	94
71	72	82	89	Minimum RH %	88	88	88	86	86
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
North East	North	North		Wind direction	East North East	East North East	East North East	East	East
4	2	2	0	Wind speed Kmp	4	4	4	3	3

### **Weather Summary for Villupuram district**

#### **Weather forecast for next five days: (01.11.2023-05.11.2023)**

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 27.0-28.0°C. Minimum temperature is expected to be around 24.0-25.0°C. Morning relative humidity is expected to be around 94-96 per cent and evening relative humidity is expected to be around 86-88 per cent. Wind speed is expected to be around 03-04 km per hour and the wind direction will be from East.

#### **SMS Advisory:**

(01.11.2023) Heavy rain is likely to occur at isolated places over Krishnagiri and Tirupattur districts of Tamilnadu.

#### **Livestock Advisory:**

1. To avoid the occurrence of milk fever in dairy cattle, feeding of supplementary mineral mixture of 15-30 gms is recommended during pregnancy.
2. To prevent scabies in rabbit all in all out system has to be followed with adequate ectoparasicide spraying.
3. Goat kids and calves protect from direct rain, dampness and cold.

4. Check out for aflotoxicosis in concentrate feed. Addition of toxin binders in feed would prevent this to some extent.
5. Milk animals should be fed with grass and dry fodder concentrate as per the regular schedule.
6. Swill (food wastes) fed fattener pigs should be checked out for sanitary swill feeding since spoilt swill will cause intestinal disorder.
7. Deep litters poultry house should be protected from rain water.
8. Provision of 5% shell grit to layers improves the egg quality.
9. Deworming should carried out as per the seasonal schedule.

### **Agricultural advisory**

#### **Rice:**

Due to prevailing weather condition possible for thrips infestation in paddy crop. To manage them, spray thiamethoxam 8.0g/ for 20 cent of nursery field. In transplanted field spray Azadiractin 400 ml/acre or thiamethoxam 40 g/ac.(Spray after rainfall)

#### **Blackgram:**

Black gram 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.

#### **Sugarcane:**

Due to prevailing weather conditions favorable for internode borer infestation is found in sugarcane crop. To manage Release of *Trichogramma chilonis* egg parasitoid at the rate of 2.5 cc/release/ha (Six releases at 15 days interval starting from fourth month) is recommended for the control of internode borer. It is available in Department of Agricultural Entomology, TNAU, Coimbatore.

#### **Maize:**

Maize growing farmers the fall army worm infection apply neem cake @ 250 kg/ha (farmer contribution)

Seed treatment with cyantraniliprole 19.8% + thiamethoxam 19.8 FS @ 4.0 ml/kg seed

Border cropping with gingelly or cowpea or sorghum

Installation of pheromone traps @ 12 nos./ha

Spraying of chlorantraniliprole 18.5 SC @ 0.4 ml/l (or) flubendiamide 20 WG (0.5 g/l) at 15-20 days of emergence (DAE)

Application of ememectin benzoate 5 SG (0.4 g/l) or spinetoram 11.7 SC (0.5 ml/l) at 35-40 DAE at late whorl stage and 60 DAE.

#### **Tapioca:**

In tapioca field observed mealy bug infestation. To control mealy bug spray fipronil 40% + Imidacloprid 40 % 100 gram/acre with sticking agent.

In tapioca field observed red spider mite infestation. To control red spider mite spray propargite 120 ml/acre with sticking agent. (Spray after rainfall)

#### **Banana:**

Moderate rainfall wind speed expected it may cause lodging in banana. Provide support to five months and above old banana.



## Agromet Advisory Bulletin for the Kancheepuram District

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& 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 32.0-33.0°C and Minimum temperature was 24.0-25.0°C. Wind speed was 00-04 km per hour. Relative humidity was recorded between 72-87%.

Past week Summary (27.10.2022-30.10.2022)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 05.11.2022				
27.10.2022	28.10.2022	29.10.2022	30.10.2022	Date	01.11.2022	02.11.2022	03.11.2022	04.11.2022	05.11.2022
15.6	0.8	4.2	4.2	Rainfall (mm)	20	10	15	22	12
33	32	33	33	Max. Temp. (°C)	30	30	30	29	29
25	25	25	24	Mini. Temp. (°C)	24	24	24	23	23
80	80	87	84	Maximum RH %	90	90	90	88	88
75	72	74	92	Minimum RH %	76	76	76	74	74
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
North East	North East			Wind direction	East North East	East North East	East North East	North East	North East
4	4	0	0	Wind speed Kmp	5	5	5	4	4

### Weather Summary for Kancheepuram district

#### Weather forecast for next five days: (01.11.2023-05.11.2023)

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 29.0-30.0°C. Minimum temperature is expected to be around 23.0-24.0°C. Morning relative humidity is expected to be around 88-90 per cent and evening relative humidity is expected to be around 74-76 per cent. Wind speed is expected to be around 04-05 km per hour and the wind direction will be from North East.

#### SMS Advisory:

(01.11.2023) Heavy rain is likely to occur at isolated places over Krishnagiri and Tirupattur districts of Tamilnadu.

## **Livestock Advisory:**

1. To avoid the occurrence of milk fever in dairy cattle, feeding of supplementary mineral mixture of 15-30 gms is recommended during pregnancy.
2. To prevent scabies in rabbit all in all out system has to be followed with adequate ectoparasicide spraying.
3. Goat kids and calves protect from direct rain, dampness and cold.
4. Check out for aflotoxicosis in concentrate feed. Addition of toxin binders in feed would prevent this to some extent.
5. Milk animals should be fed with grass and dry fodder concentrate as per the regular schedule.
6. Swill (food wastes) fed fattener pigs should be checked out for sanitary swill feeding since spoilt swill will cause intestinal disorder.
7. Deep litters poultry house should be protected from rain water.
8. Provision of 5% shell grit to layers improves the egg quality.
9. Deworming should carried out as per the seasonal schedule.

## **Agricultural advisory**

### **Rice:**

In rice forecasted weather in conducive for leaf folder infestation. For Management farmers are advised to spray Chlorantraniliprole 18.5% 150 ml/ha.

### **LadyFinger:**

There are possibilities of Powdery mildew disease infestation in Bhendi crops. For management spray inorganic sulphur 0.25% or Dinocap 0.1% 3 or 4 times at 15 days interval.

### **Brinjal:**

There are possibilities of Shoot and fruit borer infestation in Brinjal. For management farmers may spray Emamectin benzoate 5 % SG 4 gram/10 liter of water or Flubendiamide 20 WDG @ 7.5gram / 10 liter of water.

### **Bottle gourd:**

There are possibilities of fruit fly infestation in Cucurbit crops. Farmers are advised to take necessary plant protection measures with the advice of Horticultural officers.

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