



## Agromet Advisory Bulletin for the Chennai District

Bulletin no. 052/2024 Issued on 28.06.2024

(29.06.2024-03.07.2024)

Issued jointly by

Tamil Nadu Veterinary and Animal Sciences University  
& India Meteorological Department



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

During past three days around Chennai area, the sky was mostly clear. Maximum temperature was 35.0-37.0°C and Minimum temperature was 27.0-29.0°C. Wind speed was 04-07 km per hour. Relative humidity was recorded between 58-75 %.

Past week Summary (25.06.2024-27.06.2024)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 03.07.2024				
25.06.2024	26.06.2024	27.06.2024	Date	29.06.2024	30.06.2024	01.07.2024	02.07.2024	03.07.2024
0.0	2.3	0.0	Rainfall (mm)	0	0	11	14	12
36	37	35	Max. Temp. (°C)	34	35	35	34	33
29	27	29	Mini. Temp. (°C)	27	28	28	27	26
58	75	73	Maximum RH %	50	60	80	70	60
61	62	61	Minimum RH %	30	30	50	40	30
clear Sky	clear Sky	clear Sky	Cloud cover Octa	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
South West	South West	South South West	Wind direction	South	South South West	South	South South West	South
4	7	5	Wind speed Kmp	22	22	12	18	18

### Weather Summary for Chennai district

#### Weather forecast for next five days: (29.06.2024-03.07.2024)

According to district forecast issued by the India Meteorological Department for Chennai district, sky will be mostly clear. Maximum temperature is expected to be around 33.0-35.0°C. Minimum temperature is expected to be around 26.0-28.0°C. Morning relative humidity is expected to be around 50-80 per cent and evening relative humidity is expected to be around 30-50 per cent. Wind speed is expected to be around 18-22 km per hour and the wind direction will be from South.

#### SMS Advisory:

(29.06.2024-03.07.2024) Light to moderate rain is likely to occur at one or two places over Tamilnadu.

#### Livestock Advisory:

1. The farmers are advised to preserve rice straw after harvesting the paddy crop which has to be used as livestock feed.
2. The livestock especially dairy cattle, sheep and goat must not be allowed to stand in slushy and filthy area to prevent foot rot.
3. Egg laying poultry (layers) suffering from lice infestation must be looked into with proper attention. Dipping solution must be rubbed over the affected body parts and feathers using cloth or cotton, during Sunny part of the day

4. Dry fodders and feed ingredients used for the preparation of concentrate mixture should be dry and free from aflatoxin.
5. Due to high humidity, Young animals may suffer from pneumonia, get veterinary doctors advice.
6. The weather conditions prevailing now are a conclusive environment for mosquitoes & flies. Hence the farmers are advised to spray insecticides around the farm premises.
7. Fumigation of livestock shed by using neem and notchi leaves will keep the mosquitoes and other vectors away from the animals.

### **Agricultural advisory**

#### **Rice:**

Transplanting of rice varieties may be done utilizing the expected rainfall.

To provide proper drainage facility to the nursery field.

Prevailing weather condition is favorable for bacterial leaf blight infection in rice crop. White colour streaks appear leaf and it turns brown in colour and dried. To control spray copper hydroxide @ 300 g/ac. Due to prevailing weather condition chances of thrips infestation in paddy field. To control spray thiamethoxam 40 g/ac or azadirachtin 400 ml/ac (10000 PPM). Due to prevailing weather condition leaf folder infestation is found in paddy crop. To manage them, spray carbosulfan 400 ml/ac or cartap hydrochloride 600 g/ac during morning or evening hours.

The forecasted weather may cause leaf folder infestation in rice crop. The farmers are advised to monitor the field, if symptoms are observed it's advised to spray Chlorantraniliprole 18.5% 150 ml/ha.

#### **Coconut:**

To control Rugose Spiraling Whitefly in coconut, setup yellow sticky traps (size 5x1.5 feet) @ 8/ac in between the trees.

Installation of yellow sticky traps on the palm trunk to trap the adult whiteflies. 2. Encourage buildup of parasitoids (*Encarsia* sp.) and reintroduce parasitized pupae of emerging zones of whitefly outbreak. 3. In sever case, spray neem oil 10 ml/lit of water or spray azadirachtin 2.0 ml/lit of water with 1.0 ml of sticking agent.

#### **Banana:**

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

#### **Sugarcane:**

Due to prevailing weather condition changes of sugarcane early shoot borer infection. To control spray chlorantraniliprole 18.5 SC (0.5 ml/l) or fipronil 5 % SC (2.0 ml/l).

#### **Brinjal:**

There are possibilities of mealybug infestation in brinjal crops. For management farmers are advised to spray Profenophos 2ml/lit of water.

*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. 052/2024 Issued on 28.06.2024

(29.06.2024-03.07.2024)

Issued jointly by

Tamil Nadu Veterinary and Animal Sciences University  
& India Meteorological Department



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

During past three days around Tiruvallur area, the sky was mostly clear. Maximum temperature was 35.0-37.0°C and Minimum temperature was 27.0-29.0°C. Wind speed was 04-07 km per hour. Relative humidity was recorded between 58-75 %.

Past week Summary (25.06.2024-27.06.2024)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 03.07.2024				
25.06.2024	26.06.2024	27.06.2024	Date	29.06.2024	30.06.2024	01.07.2024	02.07.2024	03.07.2024
0.0	2.5	0.0	Rainfall (mm)	0	0	12	14	14
36	37	35	Max. Temp. (°C)	34	35	35	34	33
29	27	29	Mini. Temp. (°C)	27	28	28	27	26
58	75	73	Maximum RH %	50	60	80	70	60
61	62	61	Minimum RH %	30	30	50	40	30
clear Sky	clear Sky	clear Sky	Cloud cover Octa	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
South West	South West	South South West	Wind direction	South South West	South South West	South South East	South West	South West
4	7	5	Wind speed Kmp	14	12	8	12	12

### Weather Summary for Tiruvallur district

#### Weather forecast for next five days: (29.06.2024-03.07.2024)

According to district forecast issued by the India Meteorological Department for Tiruvallur district, sky will be mostly clear. Maximum temperature is expected to be around 33.0-35.0°C. Minimum temperature is expected to be around 26.0-28.0°C. Morning relative humidity is expected to be around 50-80 per cent and evening relative humidity is expected to be around 30-50 per cent. Wind speed is expected to be around 08-14 km per hour and the wind direction will be from South West.

#### SMS Advisory:

(29.06.2024-03.07.2024) Light to moderate rain is likely to occur at one or two places over Tamilnadu.

#### Livestock Advisory:

1. The farmers are advised to preserve rice straw after harvesting the paddy crop which has to be used as livestock feed.
2. The livestock especially dairy cattle, sheep and goat must not be allowed to stand in slushy and filthy area to prevent foot rot.
3. Egg laying poultry (layers) suffering from lice infestation must be looked into with proper attention. Dipping solution must be rubbed over the affected body parts and feathers using cloth or cotton, during Sunny part of the day

4. Dry fodders and feed ingredients used for the preparation of concentrate mixture should be dry and free from aflatoxin.
5. Due to high humidity, Young animals may suffer from pneumonia, get veterinary doctors advice.
6. The weather conditions prevailing now are a conclusive environment for mosquitoes & flies. Hence the farmers are advised to spray insecticides around the farm premises.
7. Fumigation of livestock shed by using neem and notchi leaves will keep the mosquitoes and other vectors away from the animals.

### **Agricultural advisory**

#### **Rice:**

Transplanting of rice varieties may be done utilizing the expected rainfall.

To provide proper drainage facility to the nursery field.

Prevailing weather condition is favorable for bacterial leaf blight infection in rice crop. White colour streaks appear leaf and it turns brown in colour and dried. To control spray copper hydroxide @ 300 g/ac. Due to prevailing weather condition chances of thrips infestation in paddy field. To control spray thiamethoxam 40 g/ac or azadirachtin 400 ml/ac (10000 PPM). Due to prevailing weather condition leaf folder infestation is found in paddy crop. To manage them, spray carbosulfan 400 ml/ac or cartap hydrochloride 600 g/ac during morning or evening hours.

The forecasted weather may cause leaf folder infestation in rice crop. The farmers are advised to monitor the field, if symptoms are observed it's advised to spray Chlorantraniliprole 18.5% 150 ml/ha.

#### **Coconut:**

To control Rugose Spiraling Whitefly in coconut, setup yellow sticky traps (size 5x1.5 feet) @ 8/ac in between the trees.

Installation of yellow sticky traps on the palm trunk to trap the adult whiteflies. 2. Encourage buildup of parasitoids (*Encarsia* sp.) and reintroduce parasitized pupae of emerging zones of whitefly outbreak. 3. In sever case, spray neem oil 10 ml/lit of water or spray azadirachtin 2.0 ml/lit of water with 1.0 ml of sticking agent.

#### **Banana:**

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

#### **Sugarcane:**

Due to prevailing weather condition changes of sugarcane early shoot borer infection. To control spray chlorantraniliprole 18.5 SC (0.5 ml/l) or fipronil 5 % SC (2.0 ml/l).

#### **Brinjal:**

There are possibilities of mealybug infestation in brinjal crops. For management farmers are advised to spray Profenophos 2ml/lit of water.

*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. 052/2024 Issued on 28.06.2024

(29.06.2024-03.07.2024)

Issued jointly by

Tamil Nadu Veterinary and Animal Sciences University  
& India Meteorological Department



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

During past three days around TVMalai area, the sky was mostly clear. Maximum temperature was 33.0-36.0°C and Minimum temperature was 27.0-28.0°C. Wind speed was 07-09 km per hour. Relative humidity was recorded between 60-73 %.

Past week Summary (25.06.2024-27.06.2024)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 03.07.2024				
25.06.2024	26.06.2024	27.06.2024	Date	29.06.2024	30.06.2024	01.07.2024	02.07.2024	03.07.2024
0.0	2.2	0.0	Rainfall (mm)	0	0	1	4	4
34	36	33	Max. Temp. (°C)	33	34	33	32	32
27	27	28	Mini. Temp. (°C)	26	26	25	25	24
72	73	71	Maximum RH %	60	70	70	60	60
60	61	62	Minimum RH %	30	30	40	40	30
clear Sky	clear Sky	clear Sky	Cloud cover Octa	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
South South West	South South West	South South East	Wind direction	South West	South West	West South West	West South West	West South West
7	9	8	Wind speed Kmp	12	12	8	10	14

## Weather Summary for TVMalai district

### Weather forecast for next five days: (29.06.2024-03.07.2024)

According to district forecast issued by the India Meteorological Department for TVMalai district, sky will be mostly clear. Maximum temperature is expected to be around 32.0-34.0°C. Minimum temperature is expected to be around 24.0-26.0°C. Morning relative humidity is expected to be around 60-70 per cent and evening relative humidity is expected to be around 30-40 per cent. Wind speed is expected to be around 08-14 km per hour and the wind direction will be from West South West.

### SMS Advisory:

(29.06.2024-03.07.2024) Light to moderate rain is likely to occur at one or two places over Tamilnadu.

### Livestock Advisory:

1. The farmers are advised to preserve rice straw after harvesting the paddy crop which has to be used as livestock feed.
2. The livestock especially dairy cattle, sheep and goat must not be allowed to stand in slushy and filthy area to prevent foot rot.
3. Egg laying poultry (layers) suffering from lice infestation must be looked into with proper attention. Dipping solution must be rubbed over the affected body parts and feathers using cloth or cotton, during Sunny part of the day

4. Dry fodders and feed ingredients used for the preparation of concentrate mixture should be dry and free from aflatoxin.
5. Due to high humidity, Young animals may suffer from pneumonia, get veterinary doctors advice.
6. The weather conditions prevailing now are a conclusive environment for mosquitoes & flies. Hence the farmers are advised to spray insecticides around the farm premises.
7. Fumigation of livestock shed by using neem and notchi leaves will keep the mosquitoes and other vectors away from the animals.

### **Agricultural advisory**

#### **Rice:**

Transplanting of rice varieties may be done utilizing the expected rainfall.

To provide proper drainage facility to the nursery field.

Prevailing weather condition is favorable for bacterial leaf blight infection in rice crop. White colour streaks appear leaf and it turns brown in colour and dried. To control spray copper hydroxide @ 300 g/ac. Due to prevailing weather condition chances of thrips infestation in paddy field. To control spray thiamethoxam 40 g/ac or azadirachtin 400 ml/ac (10000 PPM). Due to prevailing weather condition leaf folder infestation is found in paddy crop. To manage them, spray carbosulfan 400 ml/ac or cartap hydrochloride 600 g/ac during morning or evening hours.

The forecasted weather may cause leaf folder infestation in rice crop. The farmers are advised to monitor the field, if symptoms are observed it's advised to spray Chlorantraniliprole 18.5% 150 ml/ha.

#### **Coconut:**

To control Rugose Spiraling Whitefly in coconut, setup yellow sticky traps (size 5x1.5 feet) @ 8/ac in between the trees.

Installation of yellow sticky traps on the palm trunk to trap the adult whiteflies. 2. Encourage buildup of parasitoids (*Encarsia* sp.) and reintroduce parasitized pupae of emerging zones of whitefly outbreak. 3. In sever case, spray neem oil 10 ml/lit of water or spray azadirachtin 2.0 ml/lit of water with 1.0 ml of sticking agent.

#### **Banana:**

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

#### **Sugarcane:**

Due to prevailing weather condition changes of sugarcane early shoot borer infection. To control spray chlorantraniliprole 18.5 SC (0.5 ml/l) or fipronil 5 % SC (2.0 ml/l).

#### **Brinjal:**

There are possibilities of mealybug infestation in brinjal crops. For management farmers are advised to spray Profenophos 2ml/lit of water.

*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. 052/2024 Issued on 28.06.2024

(29.06.2024-03.07.2024)

Issued jointly by

Tamil Nadu Veterinary and Animal Sciences University  
& India Meteorological Department



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

During past three days around Vellore area, the sky was mostly clear. Maximum temperature was 33.0-36.0°C and Minimum temperature was 27.0-28.0°C. Wind speed was 07-09 km per hour. Relative humidity was recorded between 60-73 %.

Past week Summary (25.06.2024-27.06.2024)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 03.07.2024				
25.06.2024	26.06.2024	27.06.2024	Date	29.06.2024	30.06.2024	01.07.2024	02.07.2024	03.07.2024
0.1	0.0	0.0	Rainfall (mm)	0	3	7	6	6
34	36	33	Max. Temp. (°C)	33	34	33	32	32
27	27	28	Mini. Temp. (°C)	26	26	25	25	24
72	73	71	Maximum RH %	60	70	70	60	60
60	61	62	Minimum RH %	30	30	40	40	30
clear Sky	clear Sky	clear Sky	Cloud cover Octa	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
South South West	South South West	South South East	Wind direction	West South West	West South West	West	West	West
7	9	8	Wind speed Kmp	18	12	10	16	18

### Weather Summary for Vellore district

#### Weather forecast for next five days: (29.06.2024-03.07.2024)

According to district forecast issued by the India Meteorological Department for Vellore district, sky will be mostly clear. Maximum temperature is expected to be around 32.0-34.0°C. Minimum temperature is expected to be around 24.0-26.0°C. Morning relative humidity is expected to be around 60-70 per cent and evening relative humidity is expected to be around 30-40 per cent. Wind speed is expected to be around 10-18 km per hour and the wind direction will be from West.

#### SMS Advisory:

(29.06.2024-03.07.2024) Light to moderate rain is likely to occur at one or two places over Tamilnadu.

#### Livestock Advisory:

1. The farmers are advised to preserve rice straw after harvesting the paddy crop which has to be used as livestock feed.
2. The livestock especially dairy cattle, sheep and goat must not be allowed to stand in slushy and filthy area to prevent foot rot.
3. Egg laying poultry (layers) suffering from lice infestation must be looked into with proper attention. Dipping solution must be rubbed over the affected body parts and feathers using cloth or cotton, during Sunny part of the day
4. Dry fodders and feed ingredients used for the preparation of concentrate mixture should be dry and free from aflatoxin.

5. Due to high humidity, Young animals may suffer from pneumonia, get veterinary doctors advice.
6. The weather conditions prevailing now are a conducive environment for mosquitoes & flies. Hence the farmers are advised to spray insecticides around the farm premises.
7. Fumigation of livestock shed by using neem and notchi leaves will keep the mosquitoes and other vectors away from the animals.

### **Agricultural advisory**

#### **Rice:**

Transplanting of rice varieties may be done utilizing the expected rainfall.

To provide proper drainage facility to the nursery field.

Prevailing weather condition is favorable for bacterial leaf blight infection in rice crop. White colour streaks appear leaf and it turns brown in colour and dried. To control spray copper hydroxide @ 300 g/ac. Due to prevailing weather condition chances of thrips infestation in paddy field. To control spray thiamethoxam 40 g/ac or azadirachtin 400 ml/ac (10000 PPM). Due to prevailing weather condition leaf folder infestation is found in paddy crop. To manage them, spray carbosulfan 400 ml/ac or cartap hydrochloride 600 g/ac during morning or evening hours.

The forecasted weather may cause leaf folder infestation in rice crop. The farmers are advised to monitor the field, if symptoms are observed it's advised to spray Chlorantraniliprole 18.5% 150 ml/ha.

#### **Coconut:**

To control Rugose Spiraling Whitefly in coconut, setup yellow sticky traps (size 5x1.5 feet) @ 8/ac in between the trees.

Installation of yellow sticky traps on the palm trunk to trap the adult whiteflies. 2. Encourage buildup of parasitoids (*Encarsia* sp.) and reintroduce parasitized pupae of emerging zones of whitefly outbreak. 3. In severe case, spray neem oil 10 ml/lit of water or spray azadirachtin 2.0 ml/lit of water with 1.0 ml of sticking agent.

#### **Banana:**

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

#### **Sugarcane:**

Due to prevailing weather condition changes of sugarcane early shoot borer infection. To control spray chlorantraniliprole 18.5 SC (0.5 ml/l) or fipronil 5 % SC (2.0 ml/l).

#### **Brinjal:**

There are possibilities of mealybug infestation in brinjal crops. For management farmers are advised to spray Profenophos 2ml/lit of water.

*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. 052/2024 Issued on 28.06.2024**  
**(29.06.2024-03.07.2024)**  
**Issued jointly by**  
**Tamil Nadu Veterinary and Animal Sciences University**  
**& India Meteorological Department**



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

During past three days around Villupuram area, the sky was mostly clear. Maximum temperature was 33.0-36.0°C and Minimum temperature was 26.0-28.0°C. Wind speed was 00-04 km per hour. Relative humidity was recorded between 59-83 %.

Past week Summary (25.06.2024-27.06.2024)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 03.07.2024				
25.06.2024	26.06.2024	27.06.2024	Date	29.06.2024	30.06.2024	01.07.2024	02.07.2024	03.07.2024
2.2	3.5	0.0	Rainfall (mm)	0	0	0	8	2
36	36	33	Max. Temp. (°C)	33	34	35	35	34
27	26	28	Mini. Temp. (°C)	27	28	28	27	27
75	83	83	Maximum RH %	60	60	60	70	70
59	68	74	Minimum RH %	30	30	40	30	30
clear Sky	clear Sky	clear Sky	Cloud cover Octa	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
	West South West		Wind direction	South South West	South	South	South	South South West
0	4	0	Wind speed Kmp	16	18	12	12	14

**Weather Summary for Villupuram district**

**Weather forecast for next five days: (29.06.2024-03.07.2024)**

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 33.0-35.0°C. Minimum temperature is expected to be around 27.0-28.0°C. Morning relative humidity is expected to be around 60-70 per cent and evening relative humidity is expected to be around 30-40 per cent. Wind speed is expected to be around 12-18 km per hour and the wind direction will be from South South West.

**SMS Advisory:**

(29.06.2024-03.07.2024) Light to moderate rain is likely to occur at one or two places over Tamilnadu.

**Livestock Advisory:**

1. The farmers are advised to preserve rice straw after harvesting the paddy crop which has to be used as livestock feed.
2. The livestock especially dairy cattle, sheep and goat must not be allowed to stand in slushy and filthy area to prevent foot rot.
3. Egg laying poultry (layers) suffering from lice infestation must be looked into with proper attention. Dipping solution must be rubbed over the affected body parts and feathers using cloth or cotton, during Sunny part of the day

4. Dry fodders and feed ingredients used for the preparation of concentrate mixture should be dry and free from aflatoxin.
5. Due to high humidity, Young animals may suffer from pneumonia, get veterinary doctors advice.
6. The weather conditions prevailing now are a conclusive environment for mosquitoes & flies. Hence the farmers are advised to spray insecticides around the farm premises.
7. Fumigation of livestock shed by using neem and notchi leaves will keep the mosquitoes and other vectors away from the animals.

### **Agricultural advisory**

#### **Rice:**

Transplanting of rice varieties may be done utilizing the expected rainfall.

To provide proper drainage facility to the nursery field.

Prevailing weather condition is favorable for bacterial leaf blight infection in rice crop. White colour streaks appear leaf and it turns brown in colour and dried. To control spray copper hydroxide @ 300 g/ac. Due to prevailing weather condition chances of thrips infestation in paddy field. To control spray thiamethoxam 40 g/ac or azadirachtin 400 ml/ac (10000 PPM). Due to prevailing weather condition leaf folder infestation is found in paddy crop. To manage them, spray carbosulfan 400 ml/ac or cartap hydrochloride 600 g/ac during morning or evening hours.

The forecasted weather may cause leaf folder infestation in rice crop. The farmers are advised to monitor the field, if symptoms are observed it's advised to spray

Chlorantraniliprole 18.5% 150 ml/ha.

#### **Coconut:**

To control Rugose Spiraling Whitefly in coconut, setup yellow sticky traps (size 5x1.5 feet) @ 8/ac in between the trees.

Installation of yellow sticky traps on the palm trunk to trap the adult whiteflies. 2. Encourage buildup of parasitoids (*Encarsia* sp.) and reintroduce parasitized pupae of emerging zones of whitefly outbreak. 3. In sever case, spray neem oil 10 ml/lit of water or spray azadirachtin 2.0 ml/lit of water with 1.0 ml of sticking agent.

#### **Banana:**

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

#### **Sugarcane:**

Due to prevailing weather condition changes of sugarcane early shoot borer infection. To control spray chlorantraniliprole 18.5 SC (0.5 ml/l) or fipronil 5 % SC (2.0 ml/l).

#### **Brinjal:**

There are possibilities of mealybug infestation in brinjal crops. For management farmers are advised to spray Profenophos 2ml/lit of water.

*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. 052/2024 Issued on 28.06.2024

(29.06.2024-03.07.2024)

Issued jointly by

Tamil Nadu Veterinary and Animal Sciences University  
& India Meteorological Department



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

During past three days around Cuddalore area, the sky was mostly clear. Maximum temperature was 33.0-36.0°C and Minimum temperature was 26.0-28.0°C. Wind speed was 00-04 km per hour. Relative humidity was recorded between 59-83 %.

Past week Summary (25.06.2024-27.06.2024)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 03.07.2024				
25.06.2024	26.06.2024	27.06.2024	Date	29.06.2024	30.06.2024	01.07.2024	02.07.2024	03.07.2024
0.0	5.7	0.0	Rainfall (mm)	0	0	0	3	4
36	36	33	Max. Temp. (°C)	33	34	35	35	34
27	26	28	Mini. Temp. (°C)	27	28	28	27	27
75	83	83	Maximum RH %	60	60	60	70	70
59	68	74	Minimum RH %	30	30	40	30	30
clear Sky	clear Sky	clear Sky	Cloud cover Octa	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
	West South West		Wind direction	South South West	South South West	South South West	South South West	South South West
0	4	0	Wind speed Kmp	14	16	12	12	16

### Weather Summary for Cuddalore district

#### Weather forecast for next five days: (29.06.2024-03.07.2024)

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 33.0-35.0°C. Minimum temperature is expected to be around 27.0-28.0°C. Morning relative humidity is expected to be around 60-70 per cent and evening relative humidity is expected to be around 30-40 per cent. Wind speed is expected to be around 12-16 km per hour and the wind direction will be from South South West.

#### SMS Advisory:

(29.06.2024-03.07.2024) Light to moderate rain is likely to occur at one or two places over Tamilnadu.

#### Livestock Advisory:

1. The farmers are advised to preserve rice straw after harvesting the paddy crop which has to be used as livestock feed.
2. The livestock especially dairy cattle, sheep and goat must not be allowed to stand in slushy and filthy area to prevent foot rot.
3. Egg laying poultry (layers) suffering from lice infestation must be looked into with proper attention. Dipping solution must be rubbed over the affected body parts and feathers using cloth or cotton, during Sunny part of the day

4. Dry fodders and feed ingredients used for the preparation of concentrate mixture should be dry and free from aflatoxin.
5. Due to high humidity, Young animals may suffer from pneumonia, get veterinary doctors advice.
6. The weather conditions prevailing now are a conclusive environment for mosquitoes & flies. Hence the farmers are advised to spray insecticides around the farm premises.
7. Fumigation of livestock shed by using neem and notchi leaves will keep the mosquitoes and other vectors away from the animals.

### **Agricultural advisory**

#### **Rice:**

Transplanting of rice varieties may be done utilizing the expected rainfall.

To provide proper drainage facility to the nursery field.

Prevailing weather condition is favorable for bacterial leaf blight infection in rice crop. White colour streaks appear leaf and it turns brown in colour and dried. To control spray copper hydroxide @ 300 g/ac. Due to prevailing weather condition chances of thrips infestation in paddy field. To control spray thiamethoxam 40 g/ac or azadirachtin 400 ml/ac (10000 PPM). Due to prevailing weather condition leaf folder infestation is found in paddy crop. To manage them, spray carbosulfan 400 ml/ac or cartap hydrochloride 600 g/ac during morning or evening hours.

The forecasted weather may cause leaf folder infestation in rice crop. The farmers are advised to monitor the field, if symptoms are observed it's advised to spray Chlorantraniliprole 18.5% 150 ml/ha.

#### **Coconut:**

To control Rugose Spiraling Whitefly in coconut, setup yellow sticky traps (size 5x1.5 feet) @ 8/ac in between the trees.

Installation of yellow sticky traps on the palm trunk to trap the adult whiteflies. 2. Encourage buildup of parasitoids (*Encarsia* sp.) and reintroduce parasitized pupae of emerging zones of whitefly outbreak. 3. In sever case, spray neem oil 10 ml/lit of water or spray azadirachtin 2.0 ml/lit of water with 1.0 ml of sticking agent.

#### **Banana:**

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

#### **Sugarcane:**

Due to prevailing weather condition changes of sugarcane early shoot borer infection. To control spray chlorantraniliprole 18.5 SC (0.5 ml/l) or fipronil 5 % SC (2.0 ml/l).

#### **Brinjal:**

There are possibilities of mealybug infestation in brinjal crops. For management farmers are advised to spray Profenophos 2ml/lit of water.

*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. 052/2024 Issued on 28.06.2024**  
**(29.06.2024-03.07.2024)**



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

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

During past three days around Kancheepuram area, the sky was mostly clear. Maximum temperature was 35.0-36.0°C and Minimum temperature was 27.0-28.0°C. Wind speed was 05-07 km per hour. Relative humidity was recorded between 57-75 %.

Past week Summary (25.06.2024-27.06.2024)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 03.07.2024				
25.06.2024	26.06.2024	27.06.2024	Date	29.06.2024	30.06.2024	01.07.2024	02.07.2024	03.07.2024
0.0	0.0	0.0	Rainfall (mm)	0	0	3	10	12
36	36	35	Max. Temp. (°C)	34	35	35	34	33
27	27	28	Mini. Temp. (°C)	27	28	28	27	26
61	72	75	Maximum RH %	60	60	60	70	60
63	61	57	Minimum RH %	30	30	40	30	30
clear Sky	clear Sky	clear Sky	Cloud cover Octa	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
South South West	South South West	South West	Wind direction	South South West	South South West	South	South South West	South South West
5	7	5	Wind speed Kmp	18	18	10	12	18

**Weather Summary for Kancheepuram district**

**Weather forecast for next five days: (29.06.2024-03.07.2024)**

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 33.0-35.0°C. Minimum temperature is expected to be around 26.0-28.0°C. Morning relative humidity is expected to be around 60-70 per cent and evening relative humidity is expected to be around 30-40 per cent. Wind speed is expected to be around 10-18 km per hour and the wind direction will be from South South West.

**SMS Advisory:**

(29.06.2024-03.07.2024) Light to moderate rain is likely to occur at one or two places over Tamilnadu.

**Livestock Advisory:**

1. The farmers are advised to preserve rice straw after harvesting the paddy crop which has to be used as livestock feed.
2. The livestock especially dairy cattle, sheep and goat must not be allowed to stand in slushy and filthy area to prevent foot rot.
3. Egg laying poultry (layers) suffering from lice infestation must be looked into with proper attention. Dipping solution must be rubbed over the affected body parts and feathers using cloth or cotton, during Sunny part of the day

4. Dry fodders and feed ingredients used for the preparation of concentrate mixture should be dry and free from aflatoxin.
5. Due to high humidity, Young animals may suffer from pneumonia, get veterinary doctors advice.
6. The weather conditions prevailing now are a conclusive environment for mosquitoes & flies. Hence the farmers are advised to spray insecticides around the farm premises.
7. Fumigation of livestock shed by using neem and notchi leaves will keep the mosquitoes and other vectors away from the animals.

### **Agricultural advisory**

#### **Rice:**

Transplanting of rice varieties may be done utilizing the expected rainfall.

To provide proper drainage facility to the nursery field.

Prevailing weather condition is favorable for bacterial leaf blight infection in rice crop. White colour streaks appear leaf and it turns brown in colour and dried. To control spray copper hydroxide @ 300 g/ac. Due to prevailing weather condition chances of thrips infestation in paddy field. To control spray thiamethoxam 40 g/ac or azadirachtin 400 ml/ac (10000 PPM). Due to prevailing weather condition leaf folder infestation is found in paddy crop. To manage them, spray carbosulfan 400 ml/ac or cartap hydrochloride 600 g/ac during morning or evening hours.

The forecasted weather may cause leaf folder infestation in rice crop. The farmers are advised to monitor the field, if symptoms are observed it's advised to spray Chlorantraniliprole 18.5% 150 ml/ha.

#### **Coconut:**

To control Rugose Spiraling Whitefly in coconut, setup yellow sticky traps (size 5x1.5 feet) @ 8/ac in between the trees.

Installation of yellow sticky traps on the palm trunk to trap the adult whiteflies. 2. Encourage buildup of parasitoids (*Encarsia* sp.) and reintroduce parasitized pupae of emerging zones of whitefly outbreak. 3. In sever case, spray neem oil 10 ml/lit of water or spray azadirachtin 2.0 ml/lit of water with 1.0 ml of sticking agent.

#### **Banana:**

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

#### **Sugarcane:**

Due to prevailing weather condition changes of sugarcane early shoot borer infection. To control spray chlorantraniliprole 18.5 SC (0.5 ml/l) or fipronil 5 % SC (2.0 ml/l).

#### **Brinjal:**

There are possibilities of mealybug infestation in brinjal crops. For management farmers are advised to spray Profenophos 2ml/lit of water.

*Nodal Officer (GKMS)*  
*Professor and Head,*  
*Department of Livestock Production Management*  
*Madras Veterinary College, Chennai - 7*