



Agromet Advisory Bulletin for the Chennai District

Bulletin no. 063/2024 Issued on 06.08.2024

(07.08.2024-11.08.2024)

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 35.0-37.0°C and Minimum temperature was 25.0-29.0°C. Wind speed was 04-07 km per hour. Relative humidity was recorded between 58-96 %.

Past week Summary (02.08.2024-05.08.2024)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 11.08.2024				
02.08.2024	03.08.2024	04.08.2024	05.08.2024	Date	07.08.2024	08.08.2024	09.08.2024	10.08.2024	11.08.2024
0.0	0.1	9.1	47.7	Rainfall (mm)	8	7	2	3	5
37	35	37	37	Max. Temp. (°C)	32	31	31	30	30
29	28	27	25	Mini. Temp. (°C)	27	26	26	25	25
61	58	76	96	Maximum RH %	70	70	60	70	70
72	65	72	80	Minimum RH %	50	50	40	40	40
clear Sky	clear Sky	clear Sky	clear Sky	Cloud cover (Octa)	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
South West	South East	East South East	South South West	Wind direction (Degree)	South South East	West South West	South	South	South
7	6	4	5	Wind speed (Kmph)	12	12	14	16	18

Weather Summary for Chennai district

Weather forecast for next five days: (07.08.2024-11.08.2024)

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 30.0-32.0°C. Minimum temperature is expected to be around 25.0-27.0°C. Morning relative humidity is expected to be around 60-70 per cent and evening relative humidity is expected to be around 40-50 per cent. Wind speed is expected to be around 12-18 km per hour and the wind direction will be from South.

SMS Advisory:

(07.08.2024-08.08.2024) Heavy rain is likely to occur at isolated places over Kancheepuram, Chengalpattu, Villupuram, Cuddalore districts of Tamil Nadu.

Livestock Advisory:

- dryfodder and feed ingredients used for the preparation of concentrate mixture should be dry and free from aflatoxin
- Give 75 ml of supernatant of diluted calcium in water to milking cow
- Sheep and goat should be dewormed by using suitable anthelmintic by consulting with local veterinary doctor.
- The increased humidity in pig sty may occasionally increase the ammonia concentration to prevent this; the sty must be facilitated with good ventilation

5. Increased humidity and air temperature may predispose rabbits to fungal infection leading to respiratory distress, to prevent this during rainy season the sidewalls of the rabbitry must be closed with gunny bags to prevent rainwater infiltration
6. The farmers rearing poultry in backyard system must prevent the birds from drinking, the stagnant water to prevent parasitic infestation.
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 and provide proper drainage facility to the nursery field.

Due to prevailing weather condition leaf folder and stem borer 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.

Sugarcane:

As strong winds are expected for forthcoming days, so farmers are advised to detrash and propping in five months old sugarcane crop.

Crown mealy bug and pokkahboeng disease of sugarcane observed in field. Symptoms are stunted growth, terminal shoot drying, yellowing of leaf and weakening of cane. To control follow integrated management practices.

Sett treatment - carbendazim 50 WP @ 2 g/lit for 30 min & imidacloprid 70 WS @ 1.5 ml/lit. for 5 min before planting, Monitor ant movement in the border rows at regular intervals, Prophylactic measure - in endemic area, field borders (3 rows) spray imidacloprid 17.8 SL @ 3 ml/10 lit (or) chlorantraniliprole 18.5 SC 4 ml /10 lit (or) clothianidin 50 WDG @ 5g/10 lit (or) spirotetramet 150 OD @ 12.5 ml/10 lit (or) Flonicamid 50% WG @ 3 g/10 lit. If infestation crosses ETL (10%), the insecticide application should be repeated at 20 days interval with rotation of above insecticides. Before spraying ensure de-trashing and it should be done at 5 months after planting. If Pokkahboeng noticed, spray carbendazim 50 WP @ 2 g/lit or propiconazole 25 EC @ 2 ml/lit + sticking agent @ 1 ml/lit 3 times at 20 days interval. Spray should be directed towards central whorl for better control Ratoon cropping should be discouraged after two ratooning in the endemic areas

Groundnut:

Due to continuous rainfall stem rot disease may be appear in groundnut field. So, provide proper drainage facility.

There are possibilities of early leaf spot infestation in ground nut crop. For management Farmers are advised to apply Chlorothalonil @ 400 g/acre.

Banana:

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

Brinjal:

There are possibilities of fruit borer infestation in Brinjal crop. For management Farmers are advised setup the pheromone trap @ 6/ac.

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. 063/2024 Issued on 06.08.2024

(07.08.2024-11.08.2024)

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 35.0-37.0°C and Minimum temperature was 25.0-29.0°C. Wind speed was 04-07 km per hour. Relative humidity was recorded between 58-96 %.

Past week Summary (02.08.2024-05.08.2024)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 11.08.2024				
02.08.2024	03.08.2024	04.08.2024	05.08.2024	Date	07.08.2024	08.08.2024	09.08.2024	10.08.2024	11.08.2024
0.1	7.4	9.3	25.0	Rainfall (mm)	5	6	2	3	4
37	35	37	37	Max. Temp. (°C)	32	31	31	30	30
29	28	27	25	Mini. Temp. (°C)	27	26	26	25	25
61	58	76	96	Maximum RH %	70	70	60	70	70
72	65	72	80	Minimum RH %	50	50	40	40	40
clear Sky	clear Sky	clear Sky	clear Sky	Cloud cover (Octa)	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
South West	South East	East South East	South South West	Wind direction (Degree)	West South West	West North West	South West	South South West	South South West
7	6	4	5	Wind speed (Kmph)	8	12	12	12	12

Weather Summary for Tiruvallur district

Weather forecast for next five days: (07.08.2024-11.08.2024)

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 30.0-32.0°C. Minimum temperature is expected to be around 25.0-27.0°C. Morning relative humidity is expected to be around 60-70 per cent and evening relative humidity is expected to be around 40-50 per cent. Wind speed is expected to be around 08-12 km per hour and the wind direction will be from South South West.

SMS Advisory:

(07.08.2024-08.08.2024) Heavy rain is likely to occur at isolated places over Kancheepuram, Chengalpattu, Villupuram, Cuddalore districts of Tamil Nadu.

Livestock Advisory:

1. dryfodder and feed ingredients used for the preparation of concentrate mixture should be dry and free from aflatoxin
2. Give 75 ml of supernatant of diluted calcium in water to milking cow
3. Sheep and goat should be dewormed by using suitable anthelmintic by consulting with local veterinary doctor.

4. The increased humidity in pig sty may occasionally increase the ammonia concentration to prevent this; the sty must be facilitated with good ventilation
5. Increased humidity and air temperature may predispose rabbits to fungal infection leading to respiratory distress, to prevent this during rainy season the sidewalls of the rabbitry must be closed with gunny bags to prevent rainwater infiltration
6. The farmers rearing poultry in backyard system must prevent the birds from drinking, the stagnant water to prevent parasitic infestation.
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 and provide proper drainage facility to the nursery field.

Due to prevailing weather condition leaf folder and stem borer 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.

Sugarcane:

As strong winds are expected for forthcoming days, so farmers are advised to detrash and propping in five months old sugarcane crop.

Crown mealy bug and pokkahboeng disease of sugarcane observed in field. Symptoms are stunted growth, terminal shoot drying, yellowing of leaf and weakening of cane. To control follow integrated management practices.

Sett treatment - carbendazim 50 WP @ 2 g/lit for 30 min & imidacloprid 70 WS @ 1.5 ml/lit. for 5 min before planting, Monitor ant movement in the border rows at regular intervals, Prophylactic measure - in endemic area, field borders (3 rows) spray imidacloprid 17.8 SL @ 3 ml/10 lit (or) chlorantraniliprole 18.5 SC 4 ml /10 lit (or) clothianidin 50 WDG @ 5g/10 lit (or) spirotetramet 150 OD @ 12.5 ml/10 lit (or) Flonicamid 50% WG @ 3 g/10 lit. If infestation crosses ETL (10%), the insecticide application should be repeated at 20 days interval with rotation of above insecticides. Before spraying ensure de-trashing and it should be done at 5 months after planting. If Pokkahboeng noticed, spray carbendazim 50 WP @ 2 g/lit or propiconazole 25 EC @ 2 ml/lit + sticking agent @ 1 ml/lit 3 times at 20 days interval. Spray should be directed towards central whorl for better control Ratoon cropping should be discouraged after two ratooning in the endemic areas

Groundnut:

Due to continuous rainfall stem rot disease may be appear in groundnut field. So, provide proper drainage facility.

There are possibilities of early leaf spot infestation in ground nut crop. For management Farmers are advised to apply Chlorothalonil @ 400 g/acre.

Banana:

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

Brinjal:

There are possibilities of fruit borer infestation in Brinjal crop. For management Farmers are advised setup the pheromone trap @ 6/ac.

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. 063/2024 Issued on 06.08.2024

(07.08.2024-11.08.2024)

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 35.0-39.0°C and Minimum temperature was 25.0-28.0°C. Wind speed was 05-11 km per hour. Relative humidity was recorded between 47-92 %.

Past week Summary (02.08.2024-05.08.2024)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 11.08.2024				
02.08.2024	03.08.2024	04.08.2024	05.08.2024		Date	07.08.2024	08.08.2024	09.08.2024	10.08.2024
0.0	0.0	1.8	28.1	Rainfall (mm)	4	6	0	4	4
37	35	37	39	Max. Temp. (°C)	36	34	34	34	34
27	27	28	25	Mini. Temp. (°C)	23	22	21	21	21
73	63	62	92	Maximum RH %	70	70	70	70	70
50	47	56	70	Minimum RH %	50	50	40	40	40
clear Sky	clear Sky	clear Sky	clear Sky	Cloud cover (Octa)	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
South South West	North North West	South South East	South South East	Wind direction (Degree)	West North West	West North West	West	West	West South West
9	11	7	5	Wind speed (Kmph)	8	12	8	8	8

Weather Summary for TVMalai district

Weather forecast for next five days: (07.08.2024-11.08.2024)

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 34.0-36.0°C. Minimum temperature is expected to be around 21.0-23.0°C. Morning relative humidity is expected to be around 70 per cent and evening relative humidity is expected to be around 40-50 per cent. Wind speed is expected to be around 08-12 km per hour and the wind direction will be from West South West.

SMS Advisory:

(07.08.2024-08.08.2024) Heavy rain is likely to occur at isolated places over Kancheepuram, Chengalpattu, Villupuram, Cuddalore districts of Tamil Nadu.

Livestock Advisory:

1. dryfodder and feed ingredients used for the preparation of concentrate mixture should be dry and free from aflatoxin
2. Give 75 ml of supernatant of diluted calcium in water to milking cow
3. Sheep and goat should be dewormed by using suitable anthelmintic by consulting with local veterinary doctor.

4. The increased humidity in pig sty may occasionally increase the ammonia concentration to prevent this; the sty must be facilitated with good ventilation
5. Increased humidity and air temperature may predispose rabbits to fungal infection leading to respiratory distress, to prevent this during rainy season the sidewalls of the rabbitry must be closed with gunny bags to prevent rainwater infiltration
6. The farmers rearing poultry in backyard system must prevent the birds from drinking, the stagnant water to prevent parasitic infestation.
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:

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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.

Sugarcane:

As strong winds are expected for forthcoming days, so farmers are advised to detrash and propping in five months old sugarcane crop.

Crown mealy bug and pokkahboeng disease of sugarcane observed in field. Symptoms are stunted growth, terminal shoot drying, yellowing of leaf and weakening of cane. To control follow integrated management practices.

Soil treatment - carbendazim 50 WP @ 2 g/lit for 30 min & imidacloprid 70 WS @ 1.5 ml/lit. for 5 min before planting, Monitor ant movement in the border rows at regular intervals, Prophylactic measure - in endemic area, field borders (3 rows) spray imidacloprid 17.8 SL @ 3 ml/10 lit (or) chlorantraniliprole 18.5 SC 4 ml /10 lit (or) clothianidin 50 WDG @ 5g/10 lit (or) spirotetramet 150 OD @ 12.5 ml/10 lit (or) Flonicamid 50% WG @ 3 g/10 lit. If infestation crosses ETL (10%), the insecticide application should be repeated at 20 days interval with rotation of above insecticides. Before spraying ensure de-trashing and it should be done at 5 months after planting. If Pokkahboeng noticed, spray carbendazim 50 WP @ 2 g/lit or propiconazole 25 EC @ 2 ml/lit + sticking agent @ 1 ml/lit 3 times at 20 days interval. Spray should be directed towards central whorl for better control Ratoon cropping should be discouraged after two ratooning in the endemic areas

Groundnut:

Due to continuous rainfall stem rot disease may be appear in groundnut field. So, provide proper drainage facility.

There are possibilities of early leaf spot infestation in ground nut crop. For management Farmers are advised to apply Chlorothalonil @ 400 g/acre.

Banana:

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

Brinjal:

There are possibilities of fruit borer infestation in Brinjal crop. For management Farmers are advised setup the pheromone trap @ 6/ac.

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. 063/2024 Issued on 06.08.2024

(07.08.2024-11.08.2024)

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 35.0-39.0°C and Minimum temperature was 25.0-28.0°C. Wind speed was 05-11 km per hour. Relative humidity was recorded between 47-92 %.

Past week Summary (02.08.2024-05.08.2024)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 11.08.2024				
02.08.2024	03.08.2024	04.08.2024	05.08.2024		Date	07.08.2024	08.08.2024	09.08.2024	10.08.2024
0.2	1.1	0.0	4.6	Rainfall (mm)	5	6	4	4	3
37	35	37	39	Max. Temp. (°C)	36	34	34	34	34
27	27	28	25	Mini. Temp. (°C)	23	22	21	21	21
73	63	62	92	Maximum RH %	70	70	70	70	70
50	47	56	70	Minimum RH %	50	50	40	40	40
clear Sky	clear Sky	clear Sky	clear Sky	Cloud cover (Octa)	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
South South West	North North West	South South East	South South East	Wind direction (Degree)	South South West	West North West	West North West	West North West	West
9	11	7	5	Wind speed (Kmph)	12	14	12	12	12

Weather Summary for Vellore district

Weather forecast for next five days: (07.08.2024-11.08.2024)

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 34.0-36.0°C. Minimum temperature is expected to be around 21.0-23.0°C. Morning relative humidity is expected to be around 70 per cent and evening relative humidity is expected to be around 40-50 per cent. Wind speed is expected to be around 12-14 km per hour and the wind direction will be from West.

SMS Advisory:

(07.08.2024-08.08.2024) Heavy rain is likely to occur at isolated places over Kancheepuram, Chengalpattu, Villupuram, Cuddalore districts of Tamil Nadu.

Livestock Advisory:

1. dryfodder and feed ingredients used for the preparation of concentrate mixture should be dry and free from aflatoxin
2. Give 75 ml of supernatant of diluted calcium in water to milking cow
3. Sheep and goat should be dewormed by using suitable anthelmintic by consulting with local veterinary doctor.
4. The increased humidity in pig sty may occasionally increase the ammonia concentration to prevent this; the sty must be facilitated with good ventilation

5. Increased humidity and air temperature may predispose rabbits to fungal infection leading to respiratory distress, to prevent this during rainy season the sidewalls of the rabbitry must be closed with gunny bags to prevent rainwater infiltration
6. The farmers rearing poultry in backyard system must prevent the birds from drinking, the stagnant water to prevent parasitic infestation.
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 and provide proper drainage facility to the nursery field.

Due to prevailing weather condition leaf folder and stem borer 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.

Sugarcane:

As strong winds are expected for forthcoming days, so farmers are advised to detrash and propping in five months old sugarcane crop.

Crown mealy bug and pokkahboeng disease of sugarcane observed in field. Symptoms are stunted growth, terminal shoot drying, yellowing of leaf and weakening of cane. To control follow integrated management practices.

Sett treatment - carbendazim 50 WP @ 2 g/lit for 30 min & imidacloprid 70 WS @ 1.5 ml/lit. for 5 min before planting, Monitor ant movement in the border rows at regular intervals, Prophylactic measure - in endemic area, field borders (3 rows) spray imidacloprid 17.8 SL @ 3 ml/10 lit (or) chlorantraniliprole 18.5 SC 4 ml /10 lit (or) clothianidin 50 WDG @ 5g/10 lit (or) spirotetramet 150 OD @ 12.5 ml/10 lit (or) Flonicamid 50% WG @ 3 g/10 lit. If infestation crosses ETL (10%), the insecticide application should be repeated at 20 days interval with rotation of above insecticides. Before spraying ensure de-trashing and it should be done at 5 months after planting. If Pokkahboeng noticed, spray carbendazim 50 WP @ 2 g/lit or propiconazole 25 EC @ 2 ml/lit + sticking agent @ 1 ml/lit 3 times at 20 days interval. Spray should be directed towards central whorl for better control Ratoon cropping should be discouraged after two ratooning in the endemic areas

Groundnut:

Due to continuous rainfall stem rot disease may be appear in groundnut field. So, provide proper drainage facility.

There are possibilities of early leaf spot infestation in ground nut crop. For management Farmers are advised to apply Chlorothalonil @ 400 g/acre.

Banana:

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

Brinjal:

There are possibilities of fruit borer infestation in Brinjal crop. For management Farmers are advised setup the pheromone trap @ 6/ac.

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. 063/2024 Issued on 06.08.2024
(07.08.2024-11.08.2024)
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 36.0-37.0°C and Minimum temperature was 24.0-27.0°C. Wind speed was 02-04 km per hour. Relative humidity was recorded between 72-96 %.

Past week Summary (02.08.2024-05.08.2024)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 11.08.2024				
02.08.2024	03.08.2024	04.08.2024	05.08.2024		Date	07.08.2024	08.08.2024	09.08.2024	10.08.2024
1.0	0.0	1.3	44.7	Rainfall (mm)	29	12	1	4	2
37	36	36	36	Max. Temp. (°C)	32	31	30	30	30
26	26	27	24	Mini. Temp. (°C)	25	24	24	24	23
82	72	79	96	Maximum RH %	70	70	70	70	70
76	74	76	83	Minimum RH %	40	40	40	40	40
clear Sky	clear Sky	clear Sky	clear Sky	Cloud cover (Octa)	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
South South East	South South West	South South East	South South East	Wind direction (Degree)	South West	West North West	South South West	South South West	South South West
4	2	2	3	Wind speed (Kmph)	10	12	10	10	12

Weather Summary for Villupuram district

Weather forecast for next five days: (07.08.2024-11.08.2024)

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 30.0-32.0°C. Minimum temperature is expected to be around 23.0-25.0°C. Morning relative humidity is expected to be around 70 per cent and evening relative humidity is expected to be around 40 per cent. Wind speed is expected to be around 10-12 km per hour and the wind direction will be from South South West.

SMS Advisory:

(07.08.2024-08.08.2024) Heavy rain is likely to occur at isolated places over Kancheepuram, Chengalpattu, Villupuram, Cuddalore districts of Tamil Nadu.

Livestock Advisory:

- dryfodder and feed ingredients used for the preparation of concentrate mixture should be dry and free from aflatoxin
- Give 75 ml of supernatant of diluted calcium in water to milking cow
- Sheep and goat should be dewormed by using suitable anthelmintic by consulting with local veterinary doctor.
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Agricultural advisory

Rice:

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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.

Sugarcane:

As strong winds are expected for forthcoming days, so farmers are advised to detrash and propping in five months old sugarcane crop.

Crown mealy bug and pokkahboeng disease of sugarcane observed in field. Symptoms are stunted growth, terminal shoot drying, yellowing of leaf and weakening of cane. To control follow integrated management practices.

Sett treatment - carbendazim 50 WP @ 2 g/lit for 30 min & imidacloprid 70 WS @ 1.5 ml/lit. for 5 min before planting, Monitor ant movement in the border rows at regular intervals, Prophylactic measure - in endemic area, field borders (3 rows) spray imidacloprid 17.8 SL @ 3 ml/10 lit (or) chlorantraniliprole 18.5 SC 4 ml /10 lit (or) clothianidin 50 WDG @ 5g/10 lit (or) spirotetramet 150 OD @ 12.5 ml/10 lit (or) Flonicamid 50% WG @ 3 g/10 lit. If infestation crosses ETL (10%), the insecticide application should be repeated at 20 days interval with rotation of above insecticides. Before spraying ensure de-trashing and it should be done at 5 months after planting. If Pokkahboeng noticed, spray carbendazim 50 WP @ 2 g/lit or propiconazole 25 EC @ 2 ml/lit + sticking agent @ 1 ml/lit 3 times at 20 days interval. Spray should be directed towards central whorl for better control Ratoon cropping should be discouraged after two ratooning in the endemic areas

Groundnut:

Due to continuous rainfall stem rot disease may be appear in groundnut field. So, provide proper drainage facility.

There are possibilities of early leaf spot infestation in ground nut crop. For management Farmers are advised to apply Chlorothalonil @ 400 g/acre.

Banana:

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

Brinjal:

There are possibilities of fruit borer infestation in Brinjal crop. For management Farmers are advised setup the pheromone trap @ 6/ac.

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



Agromet Advisory Bulletin for the Cuddalore District

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(07.08.2024-11.08.2024)

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 36.0-37.0°C and Minimum temperature was 24.0-27.0°C. Wind speed was 02-04 km per hour. Relative humidity was recorded between 72-96 %.

Past week Summary (02.08.2024-05.08.2024)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 11.08.2024				
02.08.2024	03.08.2024	04.08.2024	05.08.2024	Date	07.08.2024	08.08.2024	09.08.2024	10.08.2024	11.08.2024
7.9	0.0	1.8	31.5	Rainfall (mm)	31	28	3	2	2
37	36	36	36	Max. Temp. (°C)	32	31	30	30	30
26	26	27	24	Mini. Temp. (°C)	25	24	23	23	23
82	72	79	96	Maximum RH %	70	70	70	70	70
76	74	76	83	Minimum RH %	40	40	40	40	40
clear Sky	clear Sky	clear Sky	clear Sky	Cloud cover (Octa)	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
South South East	South South West	South South East	South South East	Wind direction (Degree)	South South West	West	South South West	South South West	South South West
4	2	2	3	Wind speed (Kmph)	10	10	10	10	12

Weather Summary for Cuddalore district

Weather forecast for next five days: (07.08.2024-11.08.2024)

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 30.0-31.0°C. Minimum temperature is expected to be around 23.0-25.0°C. Morning relative humidity is expected to be around 70 per cent and evening relative humidity is expected to be around 40 per cent. Wind speed is expected to be around 10-12 km per hour and the wind direction will be from South South West.

SMS Advisory:

(07.08.2024-08.08.2024) Heavy rain is likely to occur at isolated places over Kancheepuram, Chengalattu, Villupuram, Cuddalore districts of Tamil Nadu.

Livestock Advisory:

1. dryfodder and feed ingredients used for the preparation of concentrate mixture should be dry and free from aflatoxin
2. Give 75 ml of supernatant of diluted calcium in water to milking cow
3. Sheep and goat should be dewormed by using suitable anthelmintic by consulting with local veterinary doctor.

4. The increased humidity in pig sty may occasionally increase the ammonia concentration to prevent this; the sty must be facilitated with good ventilation
5. Increased humidity and air temperature may predispose rabbits to fungal infection leading to respiratory distress, to prevent this during rainy season the sidewalls of the rabbitry must be closed with gunny bags to prevent rainwater infiltration
6. The farmers rearing poultry in backyard system must prevent the birds from drinking, the stagnant water to prevent parasitic infestation.
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 and provide proper drainage facility to the nursery field.

Due to prevailing weather condition leaf folder and stem borer 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.

Sugarcane:

As strong winds are expected for forthcoming days, so farmers are advised to detrash and propping in five months old sugarcane crop.

Crown mealy bug and pokkahboeng disease of sugarcane observed in field. Symptoms are stunted growth, terminal shoot drying, yellowing of leaf and weakening of cane. To control follow integrated management practices.

Soil treatment - carbendazim 50 WP @ 2 g/lit for 30 min & imidacloprid 70 WS @ 1.5 ml/lit. for 5 min before planting, Monitor ant movement in the border rows at regular intervals, Prophylactic measure - in endemic area, field borders (3 rows) spray imidacloprid 17.8 SL @ 3 ml/10 lit (or) chlorantraniliprole 18.5 SC 4 ml /10 lit (or) clothianidin 50 WDG @ 5g/10 lit (or) spirotetramet 150 OD @ 12.5 ml/10 lit (or) Flonicamid 50% WG @ 3 g/10 lit. If infestation crosses ETL (10%), the insecticide application should be repeated at 20 days interval with rotation of above insecticides. Before spraying ensure de-trashing and it should be done at 5 months after planting. If Pokkahboeng noticed, spray carbendazim 50 WP @ 2 g/lit or propiconazole 25 EC @ 2 ml/lit + sticking agent @ 1 ml/lit 3 times at 20 days interval. Spray should be directed towards central whorl for better control Ratoon cropping should be discouraged after two ratooning in the endemic areas

Groundnut:

Due to continuous rainfall stem rot disease may be appear in groundnut field. So, provide proper drainage facility.

There are possibilities of early leaf spot infestation in ground nut crop. For management Farmers are advised to apply Chlorothalonil @ 400 g/acre.

Banana:

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

Brinjal:

There are possibilities of fruit borer infestation in Brinjal crop. For management Farmers are advised setup the pheromone trap @ 6/ac.

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. 063/2024 Issued on 06.08.2024
(07.08.2024-11.08.2024)



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 35.0-37.0°C and Minimum temperature was 23.0-27.0°C. Wind speed was 00-10 km per hour. Relative humidity was recorded between 51-96 %.

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0.8	0.0	11.6	53.2	Rainfall (mm)	26	11	1	3	4
37	35	37	36	Max. Temp. (°C)	31	30	29	29	29
27	25	24	23	Mini. Temp. (°C)	23	22	21	21	21
63	60	80	96	Maximum RH %	70	80	60	70	70
63	51	72	77	Minimum RH %	50	50	40	40	40
clear Sky	clear Sky	clear Sky	clear Sky	Cloud cover (Octa)	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
South East	South East	North West		Wind direction (Degree)	South West	West North West	South South West	South South West	South South West
8	10	8	0	Wind speed (Kmph)	12	10	12	12	14

Weather Summary for Kancheepuram district

Weather forecast for next five days: (07.08.2024-11.08.2024)

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 29.0-31.0°C. Minimum temperature is expected to be around 21.0-23.0°C. Morning relative humidity is expected to be around 60-80 per cent and evening relative humidity is expected to be around 40-50 per cent. Wind speed is expected to be around 10-14 km per hour and the wind direction will be from South South West.

SMS Advisory:

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