



Agromet Advisory Bulletin for the Chennai District

Bulletin no. 022/2024 Issued on 15.03.2024

(16.03.2024-20.03.2024)

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 33.0°C and Minimum temperature was 26.0-27.0°C. Wind speed was 02-05 km per hour. Relative humidity was recorded between 61-82 %.

Past week Summary (12.03.2024-14.03.2024)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 20.03.2024				
12.03.2024	13.03.2024	14.03.2024		Date	16.03.2024	17.03.2024	18.03.2024	19.03.2024
0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
33	33	33	Max. Temp. (°C)	34	34	35	35	35
26	26	27	Mini. Temp. (°C)	25	25	26	25	25
78	80	82	Maximum RH %	80	70	70	80	80
69	61	66	Minimum RH %	60	50	50	50	50
clear Sky	clear Sky	clear Sky	Cloud cover Octa	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
North	South South East	South East	Wind direction	South South East	South South East	South East	South East	South East
2	5	5	Wind speed Kmp	12	16	16	16	18

Weather Summary for Chennai district

Weather forecast for next five days: (16.03.2024-20.03.2024)

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 34.0-35.0°C. Minimum temperature is expected to be around 25.0-26.0°C. Morning relative humidity is expected to be around 70-80 per cent and evening relative humidity is expected to be around 50-60 per cent. Wind speed is expected to be around 12-18 km per hour and the wind direction will be from South East.

SMS Advisory:

(16.03.2024-20.03.2024) Dry weather is very likely to prevail over Tamilnadu.

Livestock Advisory:

1. The ewes does which are ready for mating must be supplemented with leguminous fodder and energy rich fodder along with minerals mixture and vitamins before mating where is called flushing.
2. The water provided for poultry must be whole some and clean, moreover it must also be checked whether the water is up to the standard for drinking water.
3. The dairy cattle must be supplemented with mineral mixture to enhance milk production.

4. Grazing animals with for jowl edema condition and pale eye mucosa must be immediately dewormed.
5. The mortality in piglets during this season may be prevented using heaters at appropriate temperature.
6. This month is conducive for breeding in sheep, it may be allowed for mating this month.
7. The ruminants must not be allowed to graze in dew laden grass before sunrise
8. Rabbit may be allowed by mating now due to conducive environment rabbit will kindle more bunnies during these months due to which necessary reproductive management must be followed.
9. The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age).

Agricultural advisory

Rice:

Spray 1% PPFM and incorporate the multiplied azolla insitu in the field for decomposition to release nitrogen.

To control leaf folder, to spray chlorantraniliprole 18.5% SC @ 6mg per 10 litre of water or fipronil 2ml/litre.

Due to prevailing weather conditions 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.

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.

Due to prevailing weather condition brown plant leafhopper infestation is found in paddy crop. Symptoms Nymphs and adults congregate at the base of the plant above the water level. Affected plant dries up and gives a scorched appearance called "hopper burn".

Circular patches of drying and lodging of matured plant. To control spray dinotefuran 20 SG @ 80 g/ac or pymetrozine 50% WG @ 120 g/ac or thiamethoxam 25 WG @ 40 g/ac with wetting agent.

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.

Groundnut:

To increase flower retention, pod filling and to induce drought tolerance apart from yield improvement, 2 sprays of groundnut rich @ 2 kg / acre (for each spray) at 35 DAS (50% flowering) and 45 DAS (pod development stage).

There are possibilities of leaf feeding Tobacco Caterpillar infestation in ground nut crop. For management farmers are advised to spray dichlorovos 76 WSC @ 750 m.l./ha.

Banana:

To control wilt in banana, apply Bacillus subtilis and Trichoderma viride @ 1 kg/acre. or drenching with Bacillus subtilis 5 ml/litre.

Coconut:

In coconut there are possibilities of Rugose Spiraling whitefly infestation. For management farmers are advised to take up spray of Neem oil @ 3% .

*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. 022/2024 Issued on 15.03.2024

(16.03.2024-20.03.2024)

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 Thiruvallur area, the sky was mostly clear. Maximum temperature was 33.0°C and Minimum temperature was 26.0-27.0°C. Wind speed was 02-05 km per hour. Relative humidity was recorded between 61-82 %.

Past week Summary (12.03.2024-14.03.2024)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 20.03.2024				
12.03.2024	13.03.2024	14.03.2024	Date	16.03.2024	17.03.2024	18.03.2024	19.03.2024	20.03.2024
0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
33	33	33	Max. Temp. (°C)	34	34	35	34	35
26	26	27	Mini. Temp. (°C)	26	26	25	26	25
78	80	82	Maximum RH %	90	90	90	90	80
69	61	66	Minimum RH %	30	30	30	30	30
clear Sky	clear Sky	clear Sky	Cloud cover Octa	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
North	South South East	South East	Wind direction	South South East	South East	South South East	South South East	South East
2	5	5	Wind speed Kmp	12	12	14	12	14

Weather Summary for Thiruvallur district

Weather forecast for next five days: (16.03.2024-20.03.2024)

According to district forecast issued by the India Meteorological Department for Thiruvallur district, sky will be mostly clear. Maximum temperature is expected to be around 34.0-35.0°C. Minimum temperature is expected to be around 25.0-26.0°C. Morning relative humidity is expected to be around 80-90 per cent and evening relative humidity is expected to be around 30 per cent. Wind speed is expected to be around 12-14 km per hour and the wind direction will be from South East.

SMS Advisory:

(16.03.2024-20.03.2024) Dry weather is very likely to prevail over Tamilnadu.

Livestock Advisory:

1. The ewes does which are ready for mating must be supplemented with leguminous fodder and energy rich fodder along with minerals mixture and vitamins before mating where is called flushing.
2. The water provided for poultry must be whole some and clean, moreover it must also be checked whether the water is up to the standard for drinking water.
3. The dairy cattle must be supplemented with mineral mixture to enhance milk production.

4. Grazing animals with for jowl edema condition and pale eye mucosa must be immediately dewormed.
5. The mortality in piglets during this season may be prevented using heaters at appropriate temperature.
6. This month is conducive for breeding in sheep, it may be allowed for mating this month.
7. The ruminants must not be allowed to graze in dew laden grass before sunrise
8. Rabbit may be allowed by mating now due to conducive environment rabbit will kindle more bunnies during these months due to which necessary reproductive management must be followed.
9. The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age).

Agricultural advisory

Rice:

Spray 1% PPFM and incorporate the multiplied azolla insitu in the field for decomposition to release nitrogen.

To control leaf folder, to spray chlorantraniliprole 18.5% SC @ 6mg per 10 litre of water or fipronil 2ml/litre.

Due to prevailing weather conditions 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.

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.

Due to prevailing weather condition brown plant leafhopper infestation is found in paddy crop. Symptoms Nymphs and adults congregate at the base of the plant above the water level. Affected plant dries up and gives a scorched appearance called "hopper burn".

Circular patches of drying and lodging of matured plant. To control spray dinotefuran 20 SG @ 80 g/ac or pymetrozine 50% WG @ 120 g/ac or thiamethoxam 25 WG @ 40 g/ac with wetting agent.

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.

Groundnut:

To increase flower retention, pod filling and to induce drought tolerance apart from yield improvement, 2 sprays of groundnut rich @ 2 kg / acre (for each spray) at 35 DAS (50% flowering) and 45 DAS (pod development stage).

There are possibilities of leaf feeding Tobacco Caterpillar infestation in ground nut crop. For management farmers are advised to spray dichlorovos 76 WSC @ 750 m.l./ha.

Banana:

To control wilt in banana, apply Bacillus subtilis and Trichoderma viride @ 1 kg/acre. or drenching with Bacillus subtilis 5 ml/litre.

Coconut:

In coconut there are possibilities of Rugose Spiraling whitefly infestation. For management farmers are advised to take up spray of Neem oil @ 3% .

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Agromet Advisory Bulletin for the Thiruvannamalai District

Bulletin no. 022/2024 Issued on 15.03.2024

(16.03.2024-20.03.2024)

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 36.0-38.0°C and Minimum temperature was 23.0-24.0°C. Wind speed was 03 km per hour. Relative humidity was recorded between 32-82 %.

Past week Summary (12.03.2024-14.03.2024)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 20.03.2024				
12.03.2024	13.03.2024	14.03.2024		Date	16.03.2024	17.03.2024	18.03.2024	19.03.2024
0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
36	38	38	Max. Temp. (°C)	39	39	38	38	39
23	23	24	Mini. Temp. (°C)	25	25	24	25	25
76	82	69	Maximum RH %	80	80	90	80	80
35	35	32	Minimum RH %	20	30	20	20	20
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	Wind direction	South East	South East	South East	South East	South East
3	3	3	Wind speed Kmp	10	10	10	10	12

Weather Summary for TVMalai district

Weather forecast for next five days: (16.03.2024-20.03.2024)

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 38.0-39.0°C. Minimum temperature is expected to be around 24.0-25.0°C. Morning relative humidity is expected to be around 80-90 per cent and evening relative humidity is expected to be around 20-30 per cent. Wind speed is expected to be around 10-12 km per hour and the wind direction will be from South East.

SMS Advisory:

(16.03.2024-20.03.2024) Dry weather is very likely to prevail over Tamilnadu.

Livestock Advisory:

1. The ewes does which are ready for mating must be supplemented with leguminous fodder and energy rich fodder along with minerals mixture and vitamins before mating where is called flushing.
2. The water provided for poultry must be whole some and clean, moreover it must also be checked whether the water is up to the standard for drinking water.
3. The dairy cattle must be supplemented with mineral mixture to enhance milk production.
4. Grazing animals with for jowl edema condition and pale eye mucosa must be immediately dewormed.

5. The mortality in piglets during this season may be prevented using heaters at appropriate temperature.
6. This month is conducive for breeding in sheep, it may be allowed for mating this month.
7. The ruminants must not be allowed to graze in dew laden grass before sunrise
8. Rabbit may be allowed by mating now due to conducive environment rabbit will kindle more bunnies during these months due to which necessary reproductive management must be followed.
9. The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age).

Agricultural advisory

Rice:

Spray 1% PPFM and incorporate the multiplied azolla insitu in the field for decomposition to release nitrogen.

To control leaf folder, to spray chlorantraniliprole 18.5% SC @ 6mg per 10 litre of water or fipronil 2ml/litre.

Due to prevailing weather conditions 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.

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.

Due to prevailing weather condition brown plant leafhopper infestation is found in paddy crop. Symptoms Nymphs and adults congregate at the base of the plant above the water level. Affected plant dries up and gives a scorched appearance called "hopper burn".

Circular patches of drying and lodging of matured plant. To control spray dinotefuran 20 SG @ 80 g/ac or pymetrozine 50% WG @ 120 g/ac or thiamethoxam 25 WG @ 40 g/ac with wetting agent.

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.

Groundnut:

To increase flower retention , pod filling and to induce drought tolerance apart from yield improvement , 2 sprays of groundnut rich @ 2 kg / acre(for each spray) at 35 DAS (50 % flowering) and 45 DAS (pod development stage).

There are possibilities of leaf feeding Tobacco Caterpillar infestation in ground nut crop. For management farmers are advised to spray dichlorovos 76 WSC @ 750 m.l./ha.

Banana:

To control wilt in banana, apply Bacillus subtilis and Trichoderma viride @ 1 kg/acre. or drenching with Bacillus subtilis 5 ml/litre.

Coconut:

In coconut there are possibilities of Rugose Spiraling whitefly infestation. For management farmers are advised to take up spray of Neem oil @ 3% .

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Agromet Advisory Bulletin for the Vellore District

Bulletin no. 022/2024 Issued on 15.03.2024

(16.03.2024-20.03.2024)

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 36.0-38.0°C and Minimum temperature was 23.0-24.0°C. Wind speed was 03 km per hour. Relative humidity was recorded between 32-82 %.

Past week Summary (12.03.2024-14.03.2024)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 20.03.2024				
12.03.2024	13.03.2024	14.03.2024		Date	16.03.2024	17.03.2024	18.03.2024	19.03.2024
0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
36	38	38	Max. Temp. (°C)	39	39	38	38	39
23	23	24	Mini. Temp. (°C)	25	25	24	25	25
76	82	69	Maximum RH %	80	80	90	80	80
35	35	32	Minimum RH %	20	30	20	20	20
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	Wind direction	South East	South South East	South East	South East	South East
3	3	3	Wind speed Kmp	10	10	12	10	12

Weather Summary for Vellore district

Weather forecast for next five days: (16.03.2024-20.03.2024)

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 38.0-39.0°C. Minimum temperature is expected to be around 24.0-25.0°C. Morning relative humidity is expected to be around 80-90 per cent and evening relative humidity is expected to be around 20-30 per cent. Wind speed is expected to be around 10-12 km per hour and the wind direction will be from South East.

SMS Advisory:

(16.03.2024-20.03.2024) Dry weather is very likely to prevail over Tamilnadu.

Livestock Advisory:

1. The ewes does which are ready for mating must be supplemented with leguminous fodder and energy rich fodder along with minerals mixture and vitamins before mating where is called flushing.
2. The water provided for poultry must be whole some and clean, moreover it must also be checked whether the water is up to the standard for drinking water.
3. The dairy cattle must be supplemented with mineral mixture to enhance milk production.
4. Grazing animals with for jowl edema condition and pale eye mucosa must be immediately dewormed.

5. The mortality in piglets during this season may be prevented using heaters at appropriate temperature.
6. This month is conducive for breeding in sheep, it may be allowed for mating this month.
7. The ruminants must not be allowed to graze in dew laden grass before sunrise
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9. The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age).

Agricultural advisory

Rice:

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Due to prevailing weather condition brown plant leafhopper infestation is found in paddy crop. Symptoms Nymphs and adults congregate at the base of the plant above the water level. Affected plant dries up and gives a scorched appearance called "hopper burn".

Circular patches of drying and lodging of matured plant. To control spray dinotefuran 20 SG @ 80 g/ac or pymetrozine 50% WG @ 120 g/ac or thiamethoxam 25 WG @ 40 g/ac with wetting agent.

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.

Groundnut:

To increase flower retention , pod filling and to induce drought tolerance apart from yield improvement , 2 sprays of groundnut rich @ 2 kg / acre(for each spray) at 35 DAS (50 % flowering) and 45 DAS (pod development stage).

There are possibilities of leaf feeding Tobacco Caterpillar infestation in ground nut crop. For management farmers are advised to spray dichlorovos 76 WSC @ 750 m.l./ha.

Banana:

To control wilt in banana, apply Bacillus subtilis and Trichoderma viride @ 1 kg/acre. or drenching with Bacillus subtilis 5 ml/litre.

Coconut:

In coconut there are possibilities of Rugose Spiraling whitefly infestation. For management farmers are advised to take up spray of Neem oil @ 3% .

*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. 022/2024 Issued on 15.03.2024
(16.03.2024-20.03.2024)
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 33.0-34.0°C and Minimum temperature was 24.0°C. Wind speed was 02-03 km per hour. Relative humidity was recorded between 65-89 %.

Past week Summary (12.03.2024-14.03.2024)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 20.03.2024				
12.03.2024	13.03.2024	14.03.2024		Date	16.03.2024	17.03.2024	18.03.2024	19.03.2024
0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
34	33	34	Max. Temp. (°C)	34	33	34	34	34
24	24	24	Mini. Temp. (°C)	24	23	24	24	24
86	89	86	Maximum RH %	90	90	90	90	80
72	65	66	Minimum RH %	30	30	30	30	30
clear Sky	clear Sky	clear Sky	Cloud cover Octa	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
East North East	South East	South East	Wind direction	South East	South East	South East	South East	South East
3	2	2	Wind speed Kmp	12	10	10	10	14

Weather Summary for Villupuram district

Weather forecast for next five days: (16.03.2024-20.03.2024)

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 33.0-34.0°C. Minimum temperature is expected to be around 23.0-24.0°C. Morning relative humidity is expected to be around 80-90 per cent and evening relative humidity is expected to be around 30 per cent. Wind speed is expected to be around 10-14 km per hour and the wind direction will be from South East.

SMS Advisory:

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Livestock Advisory:

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Agricultural advisory

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*Nodal Officer (GKMS)
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Agromet Advisory Bulletin for the Cuddalore District

Bulletin no. 022/2024 Issued on 15.03.2024

(16.03.2024-20.03.2024)

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 33.0-34.0°C and Minimum temperature was 24.0°C. Wind speed was 02-03 km per hour. Relative humidity was recorded between 65-89 %.

Past week Summary (12.03.2024-14.03.2024)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 20.03.2024				
12.03.2024	13.03.2024	14.03.2024	Date	16.03.2024	17.03.2024	18.03.2024	19.03.2024	20.03.2024
0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
34	33	34	Max. Temp. (°C)	34	33	34	34	34
24	24	24	Mini. Temp. (°C)	24	23	24	24	24
86	89	86	Maximum RH %	90	90	90	90	80
72	65	66	Minimum RH %	30	30	30	30	30
clear Sky	clear Sky	clear Sky	Cloud cover Octa	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
East North East	South East	South East	Wind direction	South East	East South East	East South East	East South East	South East
3	2	2	Wind speed Kmp	12	10	10	12	12

Weather Summary for Cuddalore district

Weather forecast for next five days: (16.03.2024-20.03.2024)

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 33.0-34.0°C. Minimum temperature is expected to be around 23.0-24.0°C. Morning relative humidity is expected to be around 90 per cent and evening relative humidity is expected to be around 30 per cent. Wind speed is expected to be around 10-12 km per hour and the wind direction will be from South East.

SMS Advisory:

(16.03.2024-20.03.2024) Dry weather is very likely to prevail over Tamilnadu.

Livestock Advisory:

1. The ewes does which are ready for mating must be supplemented with leguminous fodder and energy rich fodder along with minerals mixture and vitamins before mating where is called flushing.
2. The water provided for poultry must be whole some and clean, moreover it must also be checked whether the water is up to the standard for drinking water.
3. The dairy cattle must be supplemented with mineral mixture to enhance milk production.

4. Grazing animals with for jowl edema condition and pale eye mucosa must be immediately dewormed.
5. The mortality in piglets during this season may be prevented using heaters at appropriate temperature.
6. This month is conducive for breeding in sheep, it may be allowed for mating this month.
7. The ruminants must not be allowed to graze in dew laden grass before sunrise
8. Rabbit may be allowed by mating now due to conducive environment rabbit will kindle more bunnies during these months due to which necessary reproductive management must be followed.
9. The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age).

Agricultural advisory

Rice:

Spray 1% PPFM and incorporate the multiplied azolla insitu in the field for decomposition to release nitrogen.

To control leaf folder, to spray chlorantraniliprole 18.5% SC @ 6mg per 10 litre of water or fipronil 2ml/litre.

Due to prevailing weather conditions 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.

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.

Due to prevailing weather condition brown plant leafhopper infestation is found in paddy crop. Symptoms Nymphs and adults congregate at the base of the plant above the water level. Affected plant dries up and gives a scorched appearance called "hopper burn".

Circular patches of drying and lodging of matured plant. To control spray dinotefuran 20 SG @ 80 g/ac or pymetrozine 50% WG @ 120 g/ac or thiamethoxam 25 WG @ 40 g/ac with wetting agent.

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.

Groundnut:

To increase flower retention, pod filling and to induce drought tolerance apart from yield improvement, 2 sprays of groundnut rich @ 2 kg / acre (for each spray) at 35 DAS (50% flowering) and 45 DAS (pod development stage).

There are possibilities of leaf feeding Tobacco Caterpillar infestation in ground nut crop. For management farmers are advised to spray dichlorovos 76 WSC @ 750 m.l./ha.

Banana:

To control wilt in banana, apply Bacillus subtilis and Trichoderma viride @ 1 kg/acre. or drenching with Bacillus subtilis 5 ml/litre.

Coconut:

In coconut there are possibilities of Rugose Spiraling whitefly infestation. For management farmers are advised to take up spray of Neem oil @ 3% .

*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. 022/2024 Issued on 15.03.2024
(16.03.2024-20.03.2024)
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 24.0-25.0°C. Wind speed was 09-10 km per hour. Relative humidity was recorded between 50-80%.

Past week Summary (12.03.2024-14.03.2024)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 20.03.2024				
12.03.2024	13.03.2024	14.03.2024		Date	16.03.2024	17.03.2024	18.03.2024	19.03.2024
0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
35	35	36	Max. Temp. (°C)	35	35	34	35	35
24	24	25	Mini. Temp. (°C)	24	24	25	24	25
76	80	80	Maximum RH %	90	90	90	90	80
56	50	64	Minimum RH %	30	30	30	30	30
clear Sky	clear Sky	clear Sky	Cloud cover Octa	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
South East	South	South East	Wind direction	South South East	South East	South East	South East	South East
9	10	10	Wind speed Kmp	14	14	12	12	14

Weather Summary for Kancheepuram district

Weather forecast for next five days: (16.03.2024-20.03.2024)

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 34.0-35.0°C. Minimum temperature is expected to be around 24.0-25.0°C. Morning relative humidity is expected to be around 80-90 per cent and evening relative humidity is expected to be around 30 per cent. Wind speed is expected to be around 12-14 km per hour and the wind direction will be from South East.

SMS Advisory:

(16.03.2024-20.03.2024) Dry weather is very likely to prevail over Tamilnadu.

Livestock Advisory:

1. The ewes does which are ready for mating must be supplemented with leguminous fodder and energy rich fodder along with minerals mixture and vitamins before mating where is called flushing.
2. The water provided for poultry must be whole some and clean, moreover it must also be checked whether the water is up to the standard for drinking water.

3. The dairy cattle must be supplemented with mineral mixture to enhance milk production.
4. Grazing animals with for jowl edema condition and pale eye mucosa must be immediately dewormed.
5. The mortality in piglets during this season may be prevented using heaters at appropriate temperature.
6. This month is conducive for breeding in sheep, it may be allowed for mating this month.
7. The ruminants must not be allowed to graze in dew laden grass before sunrise
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