

Agromet Advisory Bulletin for the Chennai District Bulletin no. 073/2024 Issued on 10.09.2024 (11.09.2024-15.09.2024)

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 32.0-36.0°C and Minimum temperature was 25.0-28.0°C. Wind speed was 00-07 km per hour. Relative humidity was recorded between 73-92 %.

Past week Summary (06.09.2024-09.09.2024)				Parameters	Ensemble weather forecast valid until 08.30 hrs 15.09.2024				
06.09.2024	07.09.2024	08.09.2024	09.09.2024	Date	11.09.2024	12.09.2024	13.09.2024	14.09.2024	15.09.2024
3.6	10.0	0.0	0.0	Rainfall (mm)	1	1	2	4	1
36	32	34	33	Max. Temp. (° C)	34	35	35	35	36
27	25	28	28	Mini. Temp. (° C)	27	27	28	28	28
92	82	76	79	Maximum RH	60	60	60	60	60
82	73	81	80	Minimum RH %	40	30	40	30	30
clear Sky	clear Sky	clear Sky	clear Sky	Cloud cover (Octa)	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
	North West	North West	North West	Wind direction (Degree)	South West	South West	South West	West South West	West South West
0	4	5	7	Wind speed (Kmph)	20	18	16	18	16

Weather Summary for Chennai district

Weather forecast for next five days: (11.09.2024-15.09.2024)

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 34.0-36.0°C. Minimum temperature is expected to be around 27.0-28.0°C. Morning relative humidity is expected to be around 60 per cent and evening relative humidity is expected to be around 30-40 per cent. Wind speed is expected to be around 16-20 km per hour and the wind direction will be from West South West.

SMS Advisory:

- 1. The livestock must be provided with clean wholesome drinking water all round the clock.
- 2. To prevent the methane and ammonia accumulation in pig sty provision of proper ventilation is necessary
- 3. To prevent water stagnation proper drainage must be provided in livestock shelter
- 4. The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age)
- 5. The livestock must not be allowed to stand in stagnated water to prevent foot rot

- 6. The piglet must be protected from cold drafts to avoid shock, they must be provided with artificial heat source or incandescent bulb as the source of heat.
- 7. Higher air temp and relative humidity will pre dispose the rabbit to respiratory distress; to prevent this rabbitory must be maintained damp free.
- 8. To counteract over occurance of infection during rainy season pregnant goat (adult goat) must be provided with vitamin and mineral supplementation

Rice:

Spray the TNAU Rice reap @ 3kg / acre by dissolving in 200 litre of water after adding required quantity of wetting agent at booting stage at 10days interval. It improves spikelet fertility, grain filling rate, tolerance against drought and high temperature.

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

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).

Due to prevailing weather conditions possible for thrips infestation in groundnut crop. To control spray quinalphos 25 EC 560 ml/ac. Due to prevailing weather conditions possible for leaf miner infestation in groundnut crop. To control set light trap @ 1/ha between 8 and 11 pm at ground level and spray quinalphos 25 EC 560 ml/ac.

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). To provide adequate drainage facility in lowland areas.

Coconut:

To control red palm weevil in coconut, apply neem seed kernel powder + sand (1:2) @150 g per palm in the base of the 3 inner most leaves in the crown. To control rhinoceros beetle, setup Rhino lure pheromone trap @ 2 traps/acre.

Banana:

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



Agromet Advisory Bulletin for the Tiruvallur District Bulletin no. 073/2024 Issued on 10.09.2024 (11.09.2024-15.09.2024)

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 32.0-36.0°C and Minimum temperature was 25.0-28.0°C. Wind speed was 00-07 km per hour. Relative humidity was recorded between 73-92 %.

Past week Summary (06.09.2024-09.09.2024)				Parameters	Ensemble weather forecast valid until 08.30 hrs 15.09.2024				
06.09.2024	07.09.2024	08.09.2024	09.09.2024	Date	11.09.2024	12.09.2024	13.09.2024	14.09.2024	15.09.2024
5.6	6.4	0.0	0.0	Rainfall (mm)	0	0	0	3	3
36	32	34	33	Max. Temp. (° C)	34	35	35	35	36
27	25	28	28	Mini. Temp. (° C)	27	27	28	28	28
92	82	76	79	Maximum RH	60	60	60	60	60
82	73	81	80	Minimum RH %	40	30	40	30	30
clear Sky	clear Sky	clear Sky	clear Sky	Cloud cover (Octa)	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
	North West	North West	North West	Wind direction (Degree)	West South West	West South West	West South West	West	West
0	4	5	7	Wind speed (Kmph)	16	14	12	14	16

Weather Summary for Tiruvallur district

Weather forecast for next five days: (11.09.2024-15.09.2024)

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 34.0-36.0°C. Minimum temperature is expected to be around 27.0-28.0°C. Morning relative humidity is expected to be around 60 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 West.

SMS Advisory:

- 1. The livestock must be provided with clean wholesome drinking water all round the clock.
- 2. To prevent the methane and ammonia accumulation in pig sty provision of proper ventilation is necessary
- 3. To prevent water stagnation proper drainage must be provided in livestock shelter
- 4. The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age)
- 5. The livestock must not be allowed to stand in stagnated water to prevent foot rot
- 6. The piglet must be protected from cold drafts to avoid shock, they must be provided with artificial heat source or incandescent bulb as the source of heat.
- 7. Higher air temp and relative humidity will pre dispose the rabbit to respiratory distress; to prevent this rabbitory must be maintained damp free.

8. To counteract over occurance of infection during rainy season pregnant goat (adult goat) must be provided with vitamin and mineral supplementation

Agricultural advisory

Rice:

Spray the TNAU Rice reap @ 3kg / acre by dissolving in 200 litre of water after adding required quantity of wetting agent at booting stage at 10days interval. It improves spikelet fertility, grain filling rate, tolerance against drought and high temperature.

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

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).

Due to prevailing weather conditions possible for thrips infestation in groundnut crop. To control spray quinalphos 25 EC 560 ml/ac. Due to prevailing weather conditions possible for leaf miner infestation in groundnut crop. To control set light trap @ 1/ha between 8 and 11 pm at ground level and spray quinalphos 25 EC 560 ml/ac.

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). To provide adequate drainage facility in lowland areas.

Coconut:

To control red palm weevil in coconut, apply neem seed kernel powder + sand (1:2) @150 g per palm in the base of the 3 inner most leaves in the crown. To control rhinoceros beetle, setup Rhino lure pheromone trap @ 2 traps/acre.

Banana:

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



Agromet Advisory Bulletin for the Thiruvannamalai District Bulletin no. 073/2024 Issued on 10.09.2024 (11.09.2024-15.09.2024)

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 32.0-37.0°C and Minimum temperature was 25.0-28.0°C. Wind speed was 00-07 km per hour. Relative humidity was recorded between 56-84 %.

Past week Summary (06.09.2024-09.09.2024)				Parameters	Ensemble weather forecast valid until 08.30 hrs 15.09.2024				
06.09.2024	07.09.2024	08.09.2024	09.09.2024	Date	11.09.2024	12.09.2024	13.09.2024	14.09.2024	15.09.2024
1.2	0.0	4.8	0.0	Rainfall (mm)	0	0	1	1	1
37	35	35	32	Max. Temp. (° C)	33	34	35	35	35
28	27	25	26	Mini. Temp. (° C)	25	25	25	25	25
70	66	84	80	Maximum RH	70	70	70	70	70
56	62	75	74	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 West	South South West		South South West	Wind direction (Degree)	West	West	West	West	West North West
5	6	0	7	Wind speed (Kmph)	16	12	14	16	16

Weather Summary for TVMalai district

Weather forecast for next five days: (11.09.2024-15.09.2024)

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 33.0-35.0°C. Minimum temperature is expected to be around 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 12-16 km per hour and the wind direction will be from West North West.

SMS Advisory:

- 1. The livestock must be provided with clean wholesome drinking water all round the clock.
- 2. To prevent the methane and ammonia accumulation in pig sty provision of proper ventilation is necessary
- 3. To prevent water stagnation proper drainage must be provided in livestock shelter
- 4. The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age)
- 5. The livestock must not be allowed to stand in stagnated water to prevent foot rot
- 6. The piglet must be protected from cold drafts to avoid shock, they must be provided with artificial heat source or incandescent bulb as the source of heat.

- 7. Higher air temp and relative humidity will pre dispose the rabbit to respiratory distress; to prevent this rabbitory must be maintained damp free.
- 8. To counteract over occurance of infection during rainy season pregnant goat (adult goat) must be provided with vitamin and mineral supplementation

Rice:

Spray the TNAU Rice reap @ 3kg / acre by dissolving in 200 litre of water after adding required quantity of wetting agent at booting stage at 10days interval. It improves spikelet fertility, grain filling rate, tolerance against drought and high temperature.

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

Groundnut:

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Due to prevailing weather conditions possible for thrips infestation in groundnut crop. To control spray quinalphos 25 EC 560 ml/ac. Due to prevailing weather conditions possible for leaf miner infestation in groundnut crop. To control set light trap @ 1/ha between 8 and 11 pm at ground level and spray quinalphos 25 EC 560 ml/ac.

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). To provide adequate drainage facility in lowland areas.

Coconut:

To control red palm weevil in coconut, apply neem seed kernel powder + sand (1:2) @150 g per palm in the base of the 3 inner most leaves in the crown. To control rhinoceros beetle, setup Rhino lure pheromone trap @ 2 traps/acre.

Banana:

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



Agromet Advisory Bulletin for the Vellore District Bulletin no. 073/2024 Issued on 10.09.2024 (11.09.2024-15.09.2024)

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 32.0-37.0°C and Minimum temperature was 25.0-28.0°C. Wind speed was 00-07 km per hour. Relative humidity was recorded between 56-84 %.

Past week Summary (06.09.2024-09.09.2024)				Parameters	Ensemble weather forecast valid until 08.30 hrs 15.09.2024				
06.09.2024	07.09.2024	08.09.2024	09.09.2024	Date	11.09.2024	12.09.2024	13.09.2024	14.09.2024	15.09.2024
0.0	0.1	8.3	0.5	Rainfall (mm)	0	0	0	1	0
37	35	35	32	Max. Temp. (° C)	33	34	35	35	35
28	27	25	26	Mini. Temp. (° C)	25	25	25	25	25
70	66	84	80	Maximum RH	70	70	70	70	70
56	62	75	74	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 West	South South West		South South West	Wind direction (Degree)	West	West	West	West	West North West
5	6	0	7	Wind speed (Kmph)	20	18	18	20	18

Weather Summary for Vellore district

Weather forecast for next five days: (11.09.2024-15.09.2024)

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 33.0-35.0°C. Minimum temperature is expected to be around 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 18-20 km per hour and the wind direction will be from West North West.

SMS Advisory:

- 1. The livestock must be provided with clean wholesome drinking water all round the clock.
- 2. To prevent the methane and ammonia accumulation in pig sty provision of proper ventilation is necessary
- 3. To prevent water stagnation proper drainage must be provided in livestock shelter
- 4. The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age)
- 5. The livestock must not be allowed to stand in stagnated water to prevent foot rot
- 6. The piglet must be protected from cold drafts to avoid shock, they must be provided with artificial heat source or incandescent bulb as the source of heat.
- 7. Higher air temp and relative humidity will pre dispose the rabbit to respiratory distress; to prevent this rabbitory must be maintained damp free.

8. To counteract over occurance of infection during rainy season pregnant goat (adult goat) must be provided with vitamin and mineral supplementation

Agricultural advisory

Rice:

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

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Coconut:

To control red palm weevil in coconut, apply neem seed kernel powder + sand (1:2) @150 g per palm in the base of the 3 inner most leaves in the crown. To control rhinoceros beetle, setup Rhino lure pheromone trap @ 2 traps/acre.

Banana:

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

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Agromet Advisory Bulletin for the Villupuram District Bulletin no. 073/2024 Issued on 10.09.2024 (11.09.2024-15.09.2024)

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 four days around Villupuram area, the sky was mostly clear. Maximum temperature was 33.0-37.0°C and Minimum temperature was 25.0-27.0°C. Wind speed was 00-03 km per hour. Relative humidity was recorded between 67-97 %.

Past week Summary (06.09.2024-09.09.2024)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 15.09.2024				
06.09.2024	07.09.2024	08.09.2024	09.09.2024	Date	11.09.2024	12.09.2024	13.09.2024	14.09.2024	15.09.2024
12.0	0.0	0.6	2.7	Rainfall (mm)	0	0	0	1	1
37	33	33	36	Max. Temp. (° C)	35	36	36	36	36
25	27	25	27	Mini. Temp. (° C)	26	27	27	28	28
97	81	85	78	Maximum RH	60	60	60	60	60
76	72	74	67	Minimum RH %	30	30	30	40	30
clear Sky	clear Sky	clear Sky	clear Sky	Cloud cover (Octa)	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
	North		North	Wind direction (Degree)	West South West	South West	West South West	West	West North West
0	3	0	2	Wind speed (Kmph)	12	14	12	14	14

Weather Summary for Villupuram district

Weather forecast for next five days: (11.09.2024-15.09.2024)

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 35.0-36.0°C. Minimum temperature is expected to be around 26.0-28.0°C. Morning relative humidity is expected to be around 60 per cent and evening relative humidity is expected to be around 30-40 per cent. Wind speed is expected to be around 12-14 km per hour and the wind direction will be from West North West.

SMS Advisory:

- 1. The livestock must be provided with clean wholesome drinking water all round the clock.
- 2. To prevent the methane and ammonia accumulation in pig sty provision of proper ventilation is necessary
- 3. To prevent water stagnation proper drainage must be provided in livestock shelter
- 4. The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age)
- 5. The livestock must not be allowed to stand in stagnated water to prevent foot rot

- 6. The piglet must be protected from cold drafts to avoid shock, they must be provided with artificial heat source or incandescent bulb as the source of heat.
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Rice:

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

Groundnut:

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Coconut:

To control red palm weevil in coconut, apply neem seed kernel powder + sand (1:2) @150 g per palm in the base of the 3 inner most leaves in the crown. To control rhinoceros beetle, setup Rhino lure pheromone trap @ 2 traps/acre.

Banana:

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



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Tamil Nadu Veterinary and Animal Sciences University & India Meteorological Department

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

During past four days around Cuddalore area, the sky was mostly clear. Maximum temperature was 33.0-37.0°C and Minimum temperature was 25.0-27.0°C. Wind speed was 00-03 km per hour. Relative humidity was recorded between 67-97 %.

Past week Summary (06.09.2024-09.09.2024)				Parameters	Ensemble weather forecast valid until 08.30 hrs 15.09.2024				
06.09.2024	07.09.2024	08.09.2024	09.09.2024	Date	11.09.2024	12.09.2024	13.09.2024	14.09.2024	15.09.2024
1.1	0.0	0.2	0.0	Rainfall (mm)	1	1	0	1	2
37	33	33	36	Max. Temp. (° C)	35	36	36	36	36
25	27	25	27	Mini. Temp. (° C)	26	27	27	28	28
97	81	85	78	Maximum RH	60	60	60	60	60
76	72	74	67	Minimum RH %	30	30	30	40	30
clear Sky	clear Sky	clear Sky	clear Sky	Cloud cover (Octa)	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
	North		North	Wind direction (Degree)	South West	South South West	South South West	South West	West South West
0	3	0	2	Wind speed (Kmph)	12	12	12	10	12

Weather Summary for Cuddalore district

Weather forecast for next five days: (11.09.2024-15.09.2024)

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 35.0-36.0°C. Minimum temperature is expected to be around 26.0-28.0°C. Morning relative humidity is expected to be around 60 per cent and evening relative humidity is expected to be around 30-40 per cent. Wind speed is expected to be around 10-12 km per hour and the wind direction will be from West South West.

SMS Advisory:

- 1. The livestock must be provided with clean wholesome drinking water all round the clock.
- 2. To prevent the methane and ammonia accumulation in pig sty provision of proper ventilation is necessary
- 3. To prevent water stagnation proper drainage must be provided in livestock shelter
- 4. The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age)
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Due to prevailing weather conditions possible for thrips infestation in groundnut crop. To control spray quinalphos 25 EC 560 ml/ac. Due to prevailing weather conditions possible for leaf miner infestation in groundnut crop. To control set light trap @ 1/ha between 8 and 11 pm at ground level and spray quinalphos 25 EC 560 ml/ac.

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). To provide adequate drainage facility in lowland areas.

Coconut:

To control red palm weevil in coconut, apply neem seed kernel powder + sand (1:2) @150 g per palm in the base of the 3 inner most leaves in the crown. To control rhinoceros beetle, setup Rhino lure pheromone trap @ 2 traps/acre.

Banana:

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



Agromet Advisory Bulletin for the Kancheepuram District Bulletin no. 073/2024 Issued on 10.09.2024 (11.09.2024-15.09.2024)

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 32.0-37.0°C and Minimum temperature was 25.0-27.0°C. Wind speed was 00-06 km per hour. Relative humidity was recorded between 56-94 %.

Past week Summary (06.09.2024-09.09.2024)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 15.09.2024				
06.09.2024	07.09.2024	08.09.2024	09.09.2024	Date	11.09.2024	12.09.2024	13.09.2024	14.09.2024	15.09.2024
16.4	0.0	11.0	0.4	Rainfall (mm)	0	0	1	6	0
37	32	34	32	Max. Temp. (° C)	34	35	35	35	34
25	25	27	27	Mini. Temp. (° C)	26	27	27	27	26
94	70	71	71	Maximum RH %	60	60	60	70	60
74	56	64	64	Minimum RH %	40	30	30	30	30
clear Sky	clear Sky	clear Sky	clear Sky	Cloud cover (Octa)	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
	North West	North West		Wind direction (Degree)	West South West	West South West	West South West	West	West North West
0	6	3	0	Wind speed (Kmph)	14	14	16	14	16

Weather Summary for Kancheepuram district

Weather forecast for next five days: (11.09.2024-15.09.2024)

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 26.0-27.0°C. Morning relative humidity is expected to be around 60-70 per cent and evening relative humidity is expected to be around 30-40 per cent. Wind speed is expected to be around 14-16 km per hour and the wind direction will be from West North West.

SMS Advisory:

- 1. The livestock must be provided with clean wholesome drinking water all round the clock.
- 2. To prevent the methane and ammonia accumulation in pig sty provision of proper ventilation is necessary
- 3. To prevent water stagnation proper drainage must be provided in livestock shelter
- 4. The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age)
- 5. The livestock must not be allowed to stand in stagnated water to prevent foot rot
- 6. The piglet must be protected from cold drafts to avoid shock, they must be provided with artificial heat source or incandescent bulb as the source of heat.

- 7. Higher air temp and relative humidity will pre dispose the rabbit to respiratory distress; to prevent this rabbitory must be maintained damp free.
- 8. To counteract over occurance of infection during rainy season pregnant goat (adult goat) must be provided with vitamin and mineral supplementation

Rice:

Spray the TNAU Rice reap @ 3kg / acre by dissolving in 200 litre of water after adding required quantity of wetting agent at booting stage at 10days interval. It improves spikelet fertility, grain filling rate, tolerance against drought and high temperature.

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

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).

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