



Agromet Advisory Bulletin for the Chennai District

Bulletin no. 034/2024 Issued on 26.04.2024

(27.04.2024-01.05.2024)

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 36.0°C and Minimum temperature was 28.0°C. Wind speed was 02-04 km per hour. Relative humidity was recorded between 63-75 %.

Past week Summary (23.04.2024-25.04.2024)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 01.05.2024				
23.04.2024	24.04.2024	25.04.2024	Date	27.04.2024	28.04.2024	29.04.2024	30.04.2024	01.05.2024
0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
36	36	36	Max. Temp. (°C)	38	38	38	39	40
28	28	28	Mini. Temp. (°C)	26	26	26	27	28
72	71	75	Maximum RH %	90	80	80	80	70
63	69	68	Minimum RH %	30	30	30	30	20
clear Sky	clear Sky	clear Sky	Cloud cover Octa	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
South East	South South East	South South East	Wind direction	South South East	South	South	South	South
4	2	4	Wind speed Kmp	16	18	20	18	20

Weather Summary for Chennai district

Weather forecast for next five days: (27.04.2024-01.05.2024)

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 38.0-40.0°C. Minimum temperature is expected to be around 26.0-28.0°C. Morning relative humidity is expected to be around 70-90 per cent and evening relative humidity is expected to be around 20-30 per cent. Wind speed is expected to be around 16-20 km per hour and the wind direction will be from South.

SMS Advisory:

(27.04.2024 - 01.05.2024) Maximum temperature is likely to be 3-5°C above normal at a few places over Tamilnadu.

Livestock Advisory:

1. Under prevailing conditions due to warmer air temperature during day time the livestock especially dairy cattle must not be allowed for grazing to avoid heat stress.
2. The dairy cattle must be provided with shelter facilitated with heat amelioration measures to prevent drip in lactation due to heat stress. Measures such as fogging/misting may be provided during the noon hours.
3. The high yielding cross breed dairy cattle must be provided with succulent green fodder but at the same time the dry matter should be maintained 7 to 8 % of body weight.

4. The dairy buffaloes are very much prone to summer sub fertility, due to higher ambient air temperature. To prevent this proper sheltering with cooling facility are necessary.
5. In rabbits during summer to reduce the heat stress one crushed gooseberry per litre of water may be given.
6. For layers to prevent heat stress 0.25% of sodium carbonate could be mixed in drinking water.
7. To prevent heat stress in poultry the feeding time can be divided into 4 to 5 times per day.

Agricultural advisory

Rice:

Due to prevailing weather condition chances of thrips infestation in paddy field. To control spray thiamethoxam 25% WG 100 g/ha or dimethoate 1.5ml/l.

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.

Harvest the matured paddy crops and store in safe places.

For nursery land preparation, to prevent soil borne diseases and better establishment of seedlings apply Azospirillum 2.5 Kg mixed with 25 kg of soil.

Sugarcane:

Mealy bug and pokkahboeng infection identified in sugarcane crop. Mealy bug affect growth of plants and pokkahboeng cause death of young spindles of sugarcane crop. To control spray imidacloprid 17.8 SL 0.6 ml/l or carbendazim 1.0 g/l.

A tonic with nutrients and growth regulators for sugarcane spray the TNAU sugarcane Booster at 45, 60 and 75 days after planting spray booster at 1kg 1.5kg and 2kg respectively and add required quantity of sticking agent.

Coconut:

Installation of yellow sticky traps on the palm trunk to trap the adult whiteflies.

Encourage buildup of parasitoids (*Encarsia* sp.) and reintroduce parasitized pupae of emerging zones of whitefly outbreak.

In sever case, spray neem oil 10 ml/lit of water or spray azadirachtin 2.0 ml/lit of water with 1.0 ml of sticking agent.

Apply coconut husks with convex surface facing upwards (100 Nos) or dried coconut leaves (15 Nos) or coir pith upto a height of 10 cm in the basin of 1.8 meter radius around the palms as much for soil moisture conservation particularly during summer season.

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. 034/2024 Issued on 26.04.2024

(27.04.2024-01.05.2024)

Issued jointly by

Tamil Nadu Veterinary and Animal Sciences University
& India Meteorological Department



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

During past three days around Tiruvallur area, the sky was mostly clear. Maximum temperature was 36.0°C and Minimum temperature was 28.0°C. Wind speed was 02-04 km per hour. Relative humidity was recorded between 63-75 %.

Past week Summary (23.04.2024-25.04.2024)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 01.05.2024				
23.04.2024	24.04.2024	25.04.2024	Date	27.04.2024	28.04.2024	29.04.2024	30.04.2024	01.05.2024
0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
36	36	36	Max. Temp. (°C)	38	38	38	39	40
28	28	28	Mini. Temp. (°C)	26	26	26	27	28
72	71	75	Maximum RH %	90	80	80	80	70
63	69	68	Minimum RH %	30	30	30	30	20
clear Sky	clear Sky	clear Sky	Cloud cover Octa	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
South East	South South East	South South East	Wind direction	South South East	South	South	South	South
4	2	4	Wind speed Kmp	14	16	16	20	18

Weather Summary for Tiruvallur district

Weather forecast for next five days: (27.04.2024-01.05.2024)

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 38.0-40.0°C. Minimum temperature is expected to be around 26.0-28.0°C. Morning relative humidity is expected to be around 70-90 per cent and evening relative humidity is expected to be around 20-30 per cent. Wind speed is expected to be around 14-20 km per hour and the wind direction will be from South.

SMS Advisory:

(27.04.2024 - 01.05.2024) Maximum temperature is likely to be 3-5°C above normal at a few places over Tamilnadu.

Livestock Advisory:

1. Under prevailing conditions due to warmer air temperature during day time the livestock especially dairy cattle must not be allowed for grazing to avoid heat stress.
2. The dairy cattle must be provided with shelter facilitated with heat amelioration measures to prevent drip in lactation due to heat stress. Measures such as fogging/misting may be provided during the noon hours.
3. The high yielding cross breed dairy cattle must be provided with succulent green fodder but at the same time the dry matter should be maintained 7 to 8 % of body weight.

4. The dairy buffaloes are very much prone to summer sub fertility, due to higher ambient air temperature. To prevent this proper sheltering with cooling facility are necessary.
5. In rabbits during summer to reduce the heat stress one crushed gooseberry per litre of water may be given.
6. For layers to prevent heat stress 0.25% of sodium carbonate could be mixed in drinking water.
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Agricultural advisory

Rice:

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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.

Harvest the matured paddy crops and store in safe places.

For nursery land preparation, to prevent soil borne diseases and better establishment of seedlings apply Azospirillum 2.5 Kg mixed with 25 kg of soil.

Sugarcane:

Mealy bug and pokkahboeng infection identified in sugarcane crop. Mealy bug affect growth of plants and pokkahboeng cause death of young spindles of sugarcane crop. To control spray imidacloprid 17.8 SL 0.6 ml/l or carbendazim 1.0 g/l.

A tonic with nutrients and growth regulators for sugarcane spray the TNAU sugarcane Booster at 45, 60 and 75 days after planting spray booster at 1kg 1.5kg and 2kg respectively and add required quantity of sticking agent.

Coconut:

Installation of yellow sticky traps on the palm trunk to trap the adult whiteflies.

Encourage buildup of parasitoids (*Encarsia* sp.) and reintroduce parasitized pupae of emerging zones of whitefly outbreak.

In sever case, spray neem oil 10 ml/lit of water or spray azadirachtin 2.0 ml/lit of water with 1.0 ml of sticking agent.

Apply coconut husks with convex surface facing upwards (100 Nos) or dried coconut leaves (15 Nos) or coir pith upto a height of 10 cm in the basin of 1.8 meter radius around the palms as much for soil moisture conservation particularly during summer season.

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. 034/2024 Issued on 26.04.2024

(27.04.2024-01.05.2024)

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 41.0-42.0°C and Minimum temperature was 23.0-26.0°C. Wind speed was 00-03 km per hour. Relative humidity was recorded between 27-78 %.

Past week Summary (23.04.2024-25.04.2024)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 01.05.2024				
23.04.2024	24.04.2024	25.04.2024	Date	27.04.2024	28.04.2024	29.04.2024	30.04.2024	01.05.2024
0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
41	41	42	Max. Temp. (°C)	42	42	41	42	42
25	23	26	Mini. Temp. (°C)	26	26	27	27	27
78	53	83	Maximum RH %	70	70	70	80	60
27	39	40	Minimum RH %	20	20	20	20	20
clear Sky	clear Sky	clear Sky	Cloud cover Octa	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
East	East	East	Wind direction	South East	South South East	South South East	South South East	South South East
3	3	0	Wind speed Kmp	12	12	12	14	12

Weather Summary for TVMalai district

Weather forecast for next five days: (27.04.2024-01.05.2024)

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 41.0-42.0°C. Minimum temperature is expected to be around 26.0-27.0°C. Morning relative humidity is expected to be around 60-80 per cent and evening relative humidity is expected to be around 20 per cent. Wind speed is expected to be around 12-14 km per hour and the wind direction will be from South South East.

SMS Advisory:

(27.04.2024 - 01.05.2024) Maximum temperature is likely to be 3-5°C above normal at a few places over Tamilnadu.

Livestock Advisory:

1. Under prevailing conditions due to warmer air temperature during day time the livestock especially dairy cattle must not be allowed for grazing to avoid heat stress.
2. The dairy cattle must be provided with shelter facilitated with heat amelioration measures to prevent drip in lactation due to heat stress. Measures such as fogging/misting may be provided during the noon hours.

3. The high yielding cross breed dairy cattle must be provided with succulent green fodder but at the same time the dry matter should be maintained 7 to 8 % of body weight.
4. The dairy buffaloes are very much prone to summer sub fertility, due to higher ambient air temperature. To prevent this proper sheltering with cooling facility are necessary.
5. In rabbits during summer to reduce the heat stress one crushed gooseberry per litre of water may be given.
6. For layers to prevent heat stress 0.25% of sodium carbonate could be mixed in drinking water.
7. To prevent heat stress in poultry the feeding time can be divided into 4 to 5 times per day.

Agricultural advisory

Rice:

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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.

Harvest the matured paddy crops and store in safe places.

For nursery land preparation, to prevent soil borne diseases and better establishment of seedlings apply Azospirillum 2.5 Kg mixed with 25 kg of soil.

Sugarcane:

Mealy bug and pokkahboeng infection identified in sugarcane crop. Mealy bug affect growth of plants and pokkahboeng cause death of young spindles of sugarcane crop. To control spray imidacloprid 17.8 SL 0.6 ml/l or carbendazim 1.0 g/l.

A tonic with nutrients and growth regulators for sugarcane spray the TNAU sugarcane Booster at 45, 60 and 75 days after planting spray booster at 1kg 1.5kg and 2kg respectively and add required quantity of sticking agent.

Coconut:

Installation of yellow sticky traps on the palm trunk to trap the adult whiteflies.

Encourage buildup of parasitoids (*Encarsia* sp.) and reintroduce parasitized pupae of emerging zones of whitefly outbreak.

In sever case, spray neem oil 10 ml/lit of water or spray azadirachtin 2.0 ml/lit of water with 1.0 ml of sticking agent.

Apply coconut husks with convex surface facing upwards (100 Nos) or dried coconut leaves (15 Nos) or coir pith upto a height of 10 cm in the basin of 1.8 meter radius around the palms as much for soil moisture conservation particularly during summer season.

Nodal Officer (GKMS)
Professor and Head,
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Madras Veterinary College, Chennai – 7



Agromet Advisory Bulletin for the Vellore District

Bulletin no. 034/2024 Issued on 26.04.2024

(27.04.2024-01.05.2024)

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 four days around Vellore area, the sky was mostly clear. Maximum temperature was 41.0-42.0°C and Minimum temperature was 23.0-26.0°C. Wind speed was 00-03 km per hour. Relative humidity was recorded between 27-78%.

Past week Summary (23.04.2024-25.04.2024)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 01.05.2024				
23.04.2024	24.04.2024	25.04.2024	Date	27.04.2024	28.04.2024	29.04.2024	30.04.2024	01.05.2024
0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
41	41	42	Max. Temp. (°C)	42	42	41	42	42
25	23	26	Mini. Temp. (°C)	26	26	27	27	27
78	53	83	Maximum RH %	70	70	70	80	60
27	39	40	Minimum RH %	20	20	20	20	20
clear Sky	clear Sky	clear Sky	Cloud cover Octa	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
East	East	East	Wind direction	East South East	South East	South East	South East	South South East
3	3	0	Wind speed Kmp	10	10	10	12	8

Weather Summary for Vellore district

Weather forecast for next five days: (27.04.2024-01.05.2024)

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 41.0-42.0°C. Minimum temperature is expected to be around 26.0-27.0°C. Morning relative humidity is expected to be around 60-80 per cent and evening relative humidity is expected to be around 20 per cent. Wind speed is expected to be around 08-12 km per hour and the wind direction will be from South South East.

SMS Advisory:

(27.04.2024 - 01.05.2024) Maximum temperature is likely to be 3-5°C above normal at a few places over Tamilnadu.

Livestock Advisory:

1. Under prevailing conditions due to warmer air temperature during day time the livestock especially dairy cattle must not be allowed for grazing to avoid heat stress.
2. The dairy cattle must be provided with shelter facilitated with heat amelioration measures to prevent drip in lactation due to heat stress. Measures such as fogging/misting may be provided during the noon hours.

3. The high yielding cross breed dairy cattle must be provided with succulent green fodder but at the same time the dry matter should be maintained 7 to 8 % of body weight.
4. The dairy buffaloes are very much prone to summer sub fertility, due to higher ambient air temperature. To prevent this proper sheltering with cooling facility are necessary.
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Agricultural advisory

Rice:

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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.

Harvest the matured paddy crops and store in safe places.

For nursery land preparation, to prevent soil borne diseases and better establishment of seedlings apply Azospirillum 2.5 Kg mixed with 25 kg of soil.

Sugarcane:

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*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. 034/2024 Issued on 26.04.2024

(27.04.2024-01.05.2024)

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 36.0°C and Minimum temperature was 26.0-27.0°C. Wind speed was 00-04 km per hour. Relative humidity was recorded between 69-88 %.

Past week Summary (23.04.2024-25.04.2024)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 01.05.2024				
23.04.2024	24.04.2024	25.04.2024		Date	27.04.2024	28.04.2024	29.04.2024	30.04.2024
0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
36	36	36	Max. Temp. (°C)	37	37	37	38	39
27	26	27	Mini. Temp. (°C)	27	26	27	27	28
78	85	88	Maximum RH %	90	80	80	80	70
69	73	70	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 East	Wind direction	South South East	South South East	South South East	South South East	South
0	4	0	Wind speed Kmp	12	14	16	18	18

Weather Summary for Villupuram district

Weather forecast for next five days: (27.04.2024-01.05.2024)

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 37.0-39.0°C. Minimum temperature is expected to be around 26.0-28.0°C. Morning relative humidity is expected to be around 70-90 per cent and evening relative humidity is expected to be around 30 per cent. Wind speed is expected to be around 12-18 km per hour and the wind direction will be from South.

SMS Advisory:

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Nodal Officer (GKMS)
Professor and Head,
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Madras Veterinary College, Chennai - 7



Agromet Advisory Bulletin for the Cuddalore District

Bulletin no. 034/2024 Issued on 26.04.2024

(27.04.2024-01.05.2024)

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 36.0°C and Minimum temperature was 26.0-27.0°C. Wind speed was 00-04 km per hour. Relative humidity was recorded between 69-88 %.

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69	73	70	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 East	Wind direction	South East	South East	South South East	South	South
0	4	0	Wind speed Kmp	12	14	14	16	18

Weather Summary for Cuddalore district

Weather forecast for next five days: (27.04.2024-01.05.2024)

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In sever case, spray neem oil 10 ml/lit of water or spray azadirachtin 2.0 ml/lit of water with 1.0 ml of sticking agent.

Apply coconut husks with convex surface facing upwards (100 Nos) or dried coconut leaves (15 Nos) or coir pith upto a height of 10 cm in the basin of 1.8 meter radius around the palms as much for soil moisture conservation particularly during summer season.

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Agromet Advisory Bulletin for the Kancheepuram District
Bulletin no. 034/2024 Issued on 26.04.2024
(27.04.2024-01.05.2024)



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 37.0-39.0°C and Minimum temperature was 25.0-27.0°C. Wind speed was 06-08 km per hour. Relative humidity was recorded between 52-76 %.

Past week Summary (23.04.2024-25.04.2024)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 01.05.2024				
23.04.2024	24.04.2024	25.04.2024		Date	27.04.2024	28.04.2024	29.04.2024	30.04.2024
0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
37	38	39	Max. Temp. (°C)	39	39	38	39	40
26	25	27	Mini. Temp. (°C)	27	27	27	28	28
76	74	76	Maximum RH %	90	90	80	80	70
52	63	62	Minimum RH %	20	30	30	30	20
clear Sky	clear Sky	clear Sky	Cloud cover Octa	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
East	South East	South East	Wind direction	South South East	South South East	South	South	South
8	8	6	Wind speed Kmp	14	16	16	20	20

Weather Summary for Kancheepuram district

Weather forecast for next five days: (27.04.2024-01.05.2024)

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 38.0-40.0°C. Minimum temperature is expected to be around 27.0-28.0°C. Morning relative humidity is expected to be around 70-90 per cent and evening relative humidity is expected to be around 20-30 per cent. Wind speed is expected to be around 14-20 km per hour and the wind direction will be from South.

SMS Advisory:

(27.04.2024 - 01.05.2024) Maximum temperature is likely to be 3-5°C above normal at a few places over Tamilnadu.

Livestock Advisory:

1. Under prevailing conditions due to warmer air temperature during day time the livestock especially dairy cattle must not be allowed for grazing to avoid heat stress.
2. The dairy cattle must be provided with shelter facilitated with heat amelioration measures to prevent drip in lactation due to heat stress. Measures such as fogging/misting may be provided during the noon hours.

3. The high yielding cross breed dairy cattle must be provided with succulent green fodder but at the same time the dry matter should be maintained 7 to 8 % of body weight.
4. The dairy buffaloes are very much prone to summer sub fertility, due to higher ambient air temperature. To prevent this proper sheltering with cooling facility are necessary.
5. In rabbits during summer to reduce the heat stress one crushed gooseberry per litre of water may be given.
6. For layers to prevent heat stress 0.25% of sodium carbonate could be mixed in drinking water.
7. To prevent heat stress in poultry the feeding time can be divided into 4 to 5 times per day.

Agricultural advisory

Rice:

Due to prevailing weather condition chances of thrips infestation in paddy field. To control spray thiamethoxam 25% WG 100 g/ha or dimethoate 1.5ml/l.

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.

Harvest the matured paddy crops and store in safe places.

For nursery land preparation, to prevent soil borne diseases and better establishment of seedlings apply Azospirillum 2.5 Kg mixed with 25 kg of soil.

Sugarcane:

Mealy bug and pokkahboeng infection identified in sugarcane crop. Mealy bug affect growth of plants and pokkahboeng cause death of young spindles of sugarcane crop. To control spray imidacloprid 17.8 SL 0.6 ml/l or carbendazim 1.0 g/l.

A tonic with nutrients and growth regulators for sugarcane spray the TNAU sugarcane Booster at 45, 60 and 75 days after planting spray booster at 1kg 1.5kg and 2kg respectively and add required quantity of sticking agent.

Coconut:

Installation of yellow sticky traps on the palm trunk to trap the adult whiteflies.

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