



Agromet Advisory Bulletin for the Chennai District

Bulletin no. 039/2024 Issued on 14.05.2024

(15.05.2024-19.05.2024)

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 four days around Chennai area, the sky was mostly clear. Maximum temperature was 35.0-36.0°C and Minimum temperature was 30.0°C. Wind speed was 03-05 km per hour. Relative humidity was recorded between 62-70 %.

Past week Summary (10.05.2024-13.05.2024)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 19.05.2024				
10.05.2024	11.05.2024	12.05.2024	13.05.2024		Date	15.05.2024	16.05.2024	17.05.2024	18.05.2024
0.0	0.0	0.0	0.0	Rainfall (mm)	1	3	2	2	3
36	36	35	36	Max. Temp. (°C)	36	35	34	34	34
30	30	30	30	Mini. Temp. (°C)	29	28	28	27	27
67	66	66	70	Maximum RH %	70	70	70	70	70
65	70	62	69	Minimum RH %	60	50	60	60	60
clear Sky	clear Sky	clear Sky	clear Sky	Cloud cover Octa	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
East South East	South East	South East	South East	Wind direction	South East	East South East	South	South	South
4	5	3	4	Wind speed Kmp	12	10	16	22	22

Weather Summary for Chennai district

Weather forecast for next five days: (15.05.2024-19.05.2024)

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 34.0-36.0°C. Minimum temperature is expected to be around 27.0-29.0°C. Morning relative humidity is expected to be around 70 per cent and evening relative humidity is expected to be around 50-60 per cent. Wind speed is expected to be around 10-22 km per hour and the wind direction will be from South.

SMS Advisory:

(17.05.2024-19.05.2024) Heavy rain is likely to occur at isolated places over Krishnagiri, Tirupattur, Tiruvannamalai, Kallakurichi and Cuddalore districts of Tamilnadu.

Livestock Advisory:

1. The farmers should avoid allowing the animals to graze in hot parts of the day.
2. Sheep and goat should be dewormed by using suitable anthelmintic by consulting with Local veterinary doctor.
3. Increasing the frequency of feeding from three to four times per day to high yielding crossbreed, dairy cattle would nominally increase milk production and at the same time will reduce the heat stress.
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. White pigs meant for fattening purpose which are fed with high fat containing swill feed would suffer heat load during digestion, during summer season. Hence to prevent this fat containing will feed should be fed during late evening hours.
6. Rabbitaries with asbestos/metal roofs will experience more heat during summer, hence covering the roof with coconut leaves or gunny bags and splashing water over them will reduce the inner micro climate of rabbit shed.
7. Provision of cool wholesome drinking water to poultry during summer is essential.

Agricultural advisory

Rice:

Application of Azospirillum @2.5 kg /ha, phosphobacteria @ 2.5kg / ha and KRB @ 22.5 kg /ha mixed with 50kg of FYM or forest soil and broadcast after 10-15 days of transplanting. Application of PPM @ 1.5% foliar spray of avoid drought.

Weed management in wet direct sown rice: Sowing with drum seeder and cono weeding at 10,20 and 30 DAS or Pre emergence application of Pretilachlor 0.75 kg/ha on 8DAS followed by one hand weeding on 40 DAS or Application of Pyrazosulfuron ethyl @ 20g/ha on 3 DAS followed by cono weeding on 25 DAS or Application of Pendimethalin 1 kg /ha at 3 DAS followed by post emergence application bispyribac sodium 25 gram /ha at 25 DAS with one hand weeding at 45DAS.

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. 2. 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 carbosulfan 400 ml/ac + imidaclopride 40ml/ac or pymetrozine 120 g/ac with wetting agent.

Groundnut:

Treat the groundnut seeds with Trichoderma @ 4g/kg just before sowing.

Groundnut growing farmers reduce the root rot infection treat the seeds with carbendazim @ 2.0 g/kg of seed 24 hours before sowing (or) Trichoderma viride @ 4.0 g/kg of seed (or) bacillus subtilis @ 10 g/kg seed.

Coconut:

In new coconut plantings the hybrids Dwarf × Tall or Tall × Dwarf may be used.

Mango:

The mango crop harvesting is in progress. The fruit may be harvested with 1cm stalk to avoid flow of latex.

The fruits may be treated with 2ml /lit Ethrel along with few sodium hydroxide pellets for uniform ripening and color development.

Brinjal:

There are possibilities of red spider mite in Brinjal crop. For management farmers are advised to spray wettable sulphur 50 WP 2g/lit or dicofol 18.5 EC 2.5 ml/lit.

*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. 039/2024 Issued on 14.05.2024

(15.05.2024-19.05.2024)

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 four days around Tiruvallur area, the sky was mostly clear. Maximum temperature was 35.0-36.0°C and Minimum temperature was 30.0°C. Wind speed was 03-05 km per hour. Relative humidity was recorded between 62-70 %.

Past week Summary (10.05.2024-13.05.2024)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 19.05.2024				
10.05.2024	11.05.2024	12.05.2024	13.05.2024		Date	15.05.2024	16.05.2024	17.05.2024	18.05.2024
0.3	0.4	0.0	0.0	Rainfall (mm)	0	2	2	2	3
36	36	35	36	Max. Temp. (°C)	36	35	34	34	34
30	30	30	30	Mini. Temp. (°C)	29	28	28	27	27
67	66	66	70	Maximum RH %	70	70	70	70	70
65	70	62	69	Minimum RH %	60	50	60	60	60
clear Sky	clear Sky	clear Sky	clear Sky	Cloud cover Octa	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
East South East	South East	South East	South East	Wind direction	South East	East South East	South	South	South
4	5	3	4	Wind speed Kmp	10	10	12	16	14

Weather Summary for Tiruvallur district

Weather forecast for next five days: (15.05.2024-19.05.2024)

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 34.0-36.0°C. Minimum temperature is expected to be around 27.0-29.0°C. Morning relative humidity is expected to be around 70 per cent and evening relative humidity is expected to be around 50-60 per cent. Wind speed is expected to be around 10-16 km per hour and the wind direction will be from South.

SMS Advisory:

(17.05.2024-19.05.2024) Heavy rain is likely to occur at isolated places over Krishnagiri, Tirupattur, Tiruvannamalai, Kallakurichi and Cuddalore districts of Tamilnadu.

Livestock Advisory:

1. The farmers should avoid allowing the animals to graze in hot parts of the day.
2. Sheep and goat should be dewormed by using suitable anthelmintic by consulting with Local veterinary doctor.
3. Increasing the frequency of feeding from three to four times per day to high yielding crossbreed, dairy cattle would nominally increase milk production and at the same time will reduce the heat stress.
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. White pigs meant for fattening purpose which are fed with high fat containing swill feed would suffer heat load during digestion, during summer season. Hence to prevent this fat containingswill feed should be fed during late evening hours.
6. Rabbittaries with asbestos/metal roofs will experience more heat during summer, hence covering the roof with coconut leaves or gunny bags and splashing water over them will reduce the inner micro climate of rabbit shed.
7. Provision of cool wholesome drinking water to poultry during summer is essential.

Agricultural advisory

Rice:

Application of Azospirillum @2.5 kg /ha, phosphobacteria @ 2.5kg / ha and KRB @ 22.5 kg /ha mixed with 50kg of FYM or forest soil and broadcast after 10-15 days of transplanting. Application of PPM @ 1.5% foliar spray of avoid drought.

Weed management in wet direct sown rice: Sowing with drum seeder and cono weeding at 10,20 and 30 DAS or Pre emergence application of Pretilachlor 0.75 kg/ha on 8DAS followed by one hand weeding on 40 DAS or Application of Pyrazosulfuron ethyl @ 20g/ha on 3 DAS followed by cono weeding on 25 DAS or Application of Pendimethalin 1 kg /ha at 3 DAS followed by post emergence application bispyribac sodium 25 gram /ha at 25 DAS with one hand weeding at 45DAS.

Due to prevailing weather condition chances of thrips infestation in paddy field. Tocontrol spray thiamethoxam 25% WG 100 g/ha or dimethoate 1.5ml/l. 2. Due to prevailingweather condition brown plant leafhopper infestation is found in paddy crop. SymptomsNymphs and adults congregate at the base of the plant above the water level. Affected plantdries up and gives a scorched appearance called “hopper burn”. Circular patches of dryingand lodging of matured plant. To control spray carbosulfan 400 ml/ac + imidaclopride 40ml/ac or pymetrozine 120 g/ac with wetting agent.

Groundnut:

Treat the groundnut seeds with Trichoderma @ 4g/kg just before sowing.

Groundnut growing farmers reduce the root rot infection treat the seeds with carbendazim@ 2.0 g/kg of seed 24 hours before sowing (or) Trichoderma viride @ 4.0 g/kg of seed (or)bacillus subtilis @ 10 g/kg seed.

Coconut:

In new coconut plantings the hybrids Dwarf × Tall or Tall × Dwarf may be used.

Mango:

The mango crop harvesting is in progress. The fruit may be harvested with 1cm stalk to avoid flow of latex.

The fruits may be treated with 2ml /lit Ethrel along with few sodium hydroxide pellets for uniform ripening and color development.

Brinjal:

There are possibilities of red spider mite in Brinjal crop. For management farmers are advised to spray wettable sulphur 50 WP 2g/lit or dicofol 18.5 EC 2.5 ml/lit.

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Agromet Advisory Bulletin for the Thiruvannamalai District
Bulletin no. 039/2024 Issued on 14.05.2024
(15.05.2024-19.05.2024)



Issued jointly by
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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 38.0-40.0°C and Minimum temperature was 27.0-28.0°C. Wind speed was 04-07 km per hour. Relative humidity was recorded between 41-75 %.

Past week Summary (10.05.2024-13.05.2024)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 19.05.2024				
10.05.2024	11.05.2024	12.05.2024	13.05.2024		Date	15.05.2024	16.05.2024	17.05.2024	18.05.2024
0.0	0.0	0.5	0.6	Rainfall (mm)	1	3	2	4	28
38	40	38	40	Max. Temp. (°C)	39	38	38	37	35
27	28	28	28	Mini. Temp. (°C)	28	27	26	26	24
75	73	74	70	Maximum RH %	80	70	70	80	70
46	49	51	41	Minimum RH %	40	50	50	40	40
clear Sky	clear Sky	clear Sky	clear Sky	Cloud cover Octa	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
North East	South South East	East South East	North East	Wind direction	South East	South	South	South	South South West
5	7	5	4	Wind speed Kmp	8	6	10	12	8

Weather Summary for TVMalai district

Weather forecast for next five days: (15.05.2024-19.05.2024)

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 35.0-39.0°C. Minimum temperature is expected to be around 24.0-28.0°C. Morning relative humidity is expected to be around 70-80 per cent and evening relative humidity is expected to be around 40-50 per cent. Wind speed is expected to be around 06-12 km per hour and the wind direction will be from South South West.

SMS Advisory:

(17.05.2024-19.05.2024) Heavy rain is likely to occur at isolated places over Krishnagiri, Tirupattur, Tiruvannamalai, Kallakurichi and Cuddalore districts of Tamilnadu.

Livestock Advisory:

1. The farmers should avoid allowing the animals to graze in hot parts of the day.
2. Sheep and goat should be dewormed by using suitable anthelmintic by consulting with Local veterinary doctor.
3. Increasing the frequency of feeding from three to four times per day to high yielding crossbreed, dairy cattle would nominally increase milk production and at the same time will reduce the heat stress.

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. White pigs meant for fattening purpose which are fed with high fat containing swill feed would suffer heat load during digestion, during summer season. Hence to prevent this fat containingswill feed should be fed during late evening hours.
6. Rabbitaries with asbestos/metal roofs will experience more heat during summer, hence covering the roof with coconut leaves or gunny bags and splashing water over them will reduce the inner micro climate of rabbit shed.
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Agricultural advisory

Rice:

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Application of PPM @ 1.5% foliar spray of avoid drought.

Weed management in wet direct sown rice: Sowing with drum seeder and cono weeding at 10,20 and 30 DAS or Pre emergence application of Pretilachlor 0.75 kg/ha on 8DAS followed by one hand weeding on 40 DAS or Application of Pyrazosulfuron ethyl @ 20g/ha on 3 DAS followed by cono weeding on 25 DAS or Application of Pendimethalin 1 kg /ha at 3 DAS followed by post emergence application bispyribac sodium 25 gram /ha at 25 DAS with one hand weeding at 45DAS.

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Groundnut:

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Groundnut growing farmers reduce the root rot infection treat the seeds with carbendazim@ 2.0 g/kg of seed 24 hours before sowing (or) Trichoderma viride @ 4.0 g/kg of seed (or) bacillus subtilis @ 10 g/kg seed.

Coconut:

In new coconut plantings the hybrids Dwarf × Tall or Tall × Dwarf may be used.

Mango:

The mango crop harvesting is in progress. The fruit may be harvested with 1cm stalk to avoid flow of latex.

The fruits may be treated with 2ml /lit Ethrel along with few sodium hydroxide pellets for uniform ripening and color development.

Brinjal:

There are possibilities of red spider mite in Brinjal crop. For management farmers are advised to spray wettable sulphur 50 WP 2g/lit or dicofol 18.5 EC 2.5 ml/lit.

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Agromet Advisory Bulletin for the Vellore District

Bulletin no. 039/2024 Issued on 14.05.2024

(15.05.2024-19.05.2024)

Issued jointly by

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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 38.0-40.0°C and Minimum temperature was 27.0-28.0°C. Wind speed was 04-07 km per hour. Relative humidity was recorded between 41-75 %.

Past week Summary (10.05.2024-13.05.2024)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 19.05.2024				
10.05.2024	11.05.2024	12.05.2024	13.05.2024	Date	15.05.2024	16.05.2024	17.05.2024	18.05.2024	19.05.2024
0.0	0.0	0.0	0.0	Rainfall (mm)	1	3	5	8	10
38	40	38	40	Max. Temp. (°C)	39	38	38	37	37
27	28	28	28	Mini. Temp. (°C)	28	27	26	26	26
75	73	74	70	Maximum RH %	80	70	70	80	70
46	49	51	41	Minimum RH %	40	50	50	40	40
clear Sky	clear Sky	clear Sky	clear Sky	Cloud cover Octa	clear Sky	clear Sky	clear Sky	clear Sky	clear Sky
North East	South South East	East South East	North East	Wind direction	East South East	South East	South South West	South	West South West
5	7	5	4	Wind speed Kmp	8	6	6	8	8

Weather Summary for Vellore district

Weather forecast for next five days: (15.05.2024-19.05.2024)

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 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 70-80 per cent and evening relative humidity is expected to be around 40-50 per cent. Wind speed is expected to be around 06-08 km per hour and the wind direction will be from West South West.

SMS Advisory:

(17.05.2024-19.05.2024) Heavy rain is likely to occur at isolated places over Krishnagiri, Tirupattur, Tiruvannamalai, Kallakurichi and Cuddalore districts of Tamilnadu.

Livestock Advisory:

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7. Provision of cool wholesome drinking water to poultry during summer is essential.

Agricultural advisory

Rice:

Application of Azospirillum @2.5 kg /ha, phosphobacteria @ 2.5kg / ha and KRB @ 22.5 kg /ha mixed with 50kg of FYM or forest soil and broadcast after 10-15 days of transplanting.

Application of PPM @ 1.5% foliar spray of avoid drought.

Weed management in wet direct sown rice: Sowing with drum seeder and cono weeding at 10,20 and 30 DAS or Pre emergence application of Pretilachlor 0.75 kg/ha on 8DAS followed by one hand weeding on 40 DAS or Application of Pyrazosulfuron ethyl @ 20g/ha on 3 DAS followed by cono weeding on 25 DAS or Application of Pendimethalin 1 kg /ha at 3 DAS followed by post emergence application bispyribac sodium 25 gram /ha at 25 DAS with one hand weeding at 45DAS.

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Groundnut:

Treat the groundnut seeds with Trichoderma @ 4g/kg just before sowing.

Groundnut growing farmers reduce the root rot infection treat the seeds with carbendazim@ 2.0 g/kg of seed 24 hours before sowing (or) Trichoderma viride @ 4.0 g/kg of seed (or) bacillus subtilis @ 10 g/kg seed.

Coconut:

In new coconut plantings the hybrids Dwarf × Tall or Tall × Dwarf may be used.

Mango:

The mango crop harvesting is in progress. The fruit may be harvested with 1cm stalk to avoid flow of latex.

The fruits may be treated with 2ml /lit Ethrel along with few sodium hydroxide pellets for uniform ripening and color development.

Brinjal:

There are possibilities of red spider mite in Brinjal crop. For management farmers are advised to spray wettable sulphur 50 WP 2g/lit or dicofol 18.5 EC 2.5 ml/lit.

*Nodal Officer (GKMS)
Professor and Head,
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(15.05.2024-19.05.2024)
Issued jointly by
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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 35.0-36.0°C and Minimum temperature was 28.0-29.0°C. Wind speed was 02-05 km per hour. Relative humidity was recorded between 72-86 %.

Past week Summary (10.05.2024-13.05.2024)				Parameters Date	Ensemble weather forecast valid until 08.30 hrs of 19.05.2024				
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0.0	0.0	0.3	0.3	Rainfall (mm)	0	2	2	1	3
35	36	35	35	Max. Temp. (°C)	36	36	35	35	35
28	28	28	29	Mini. Temp. (°C)	28	27	26	26	26
83	83	86	84	Maximum RH %	70	70	70	70	70
72	77	74	74	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	South East	South East	Wind direction	South East	South	South	South	South
2	5	2	2	Wind speed Kmp	10	8	14	16	16

Weather Summary for Villupuram district

Weather forecast for next five days: (15.05.2024-19.05.2024)

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 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 70 per cent and evening relative humidity is expected to be around 40-50 per cent. Wind speed is expected to be around 08-16 km per hour and the wind direction will be from South.

SMS Advisory:

(17.05.2024-19.05.2024) Heavy rain is likely to occur at isolated places over Krishnagiri, Tirupattur, Tiruvannamalai, Kallakurichi and Cuddalore districts of Tamilnadu.

Livestock Advisory:

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Rice:

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Groundnut:

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In new coconut plantings the hybrids Dwarf × Tall or Tall × Dwarf may be used.

Mango:

The mango crop harvesting is in progress. The fruit may be harvested with 1cm stalk to avoid flow of latex.

The fruits may be treated with 2ml /lit Ethrel along with few sodium hydroxide pellets for uniform ripening and color development.

Brinjal:

There are possibilities of red spider mite in Brinjal crop. For management farmers are advised to spray wettable sulphur 50 WP 2g/lit or dicofol 18.5 EC 2.5 ml/lit.

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



Agromet Advisory Bulletin for the Cuddalore District

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(15.05.2024-19.05.2024)

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& 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 35.0-36.0°C and Minimum temperature was 28.0-29.0°C. Wind speed was 02-05 km per hour. Relative humidity was recorded between 72-86 %.

Past week Summary (10.05.2024-13.05.2024)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 19.05.2024				
10.05.2024	11.05.2024	12.05.2024	13.05.2024		Date	15.05.2024	16.05.2024	17.05.2024	18.05.2024
0.3	0.1	0.0	0.7	Rainfall (mm)	2	2	28	2	32
35	36	35	35	Max. Temp. (°C)	36	36	34	34	33
28	28	28	29	Mini. Temp. (°C)	28	27	26	25	24
83	83	86	84	Maximum RH %	70	70	70	70	70
72	77	74	74	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	South East	South East	Wind direction	East South East	South	South	South	South
2	5	2	2	Wind speed Kmp	8	8	12	16	14

Weather Summary for Cuddalore district

Weather forecast for next five days: (15.05.2024-19.05.2024)

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 33.0-36.0°C. Minimum temperature is expected to be around 24.0-28.0°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 08-16 km per hour and the wind direction will be from South.

SMS Advisory:

(17.05.2024-19.05.2024) Heavy rain is likely to occur at isolated places over Krishnagiri, Tirupattur, Tiruvannamalai, Kallakurichi and Cuddalore districts of Tamilnadu.

Livestock Advisory:

1. The farmers should avoid allowing the animals to graze in hot parts of the day.
2. Sheep and goat should be dewormed by using suitable anthelmintic by consulting with Local veterinary doctor.
3. Increasing the frequency of feeding from three to four times per day to high yielding crossbreed, dairy cattle would nominally increase milk production and at the same time will reduce the heat stress.
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. White pigs meant for fattening purpose which are fed with high fat containing swill feed would suffer heat load during digestion, during summer season. Hence to prevent this fat containingswill feed should be fed during late evening hours.
6. Rabbittaries with asbestos/metal roofs will experience more heat during summer, hence covering the roof with coconut leaves or gunny bags and splashing water over them will reduce the inner micro climate of rabbit shed.
7. Provision of cool wholesome drinking water to poultry during summer is essential.

Agricultural advisory

Rice:

Application of Azospirillum @2.5 kg /ha, phosphobacteria @ 2.5kg / ha and KRB @ 22.5 kg /ha mixed with 50kg of FYM or forest soil and broadcast after 10-15 days of transplanting. Application of PPM @ 1.5% foliar spray of avoid drought.

Weed management in wet direct sown rice: Sowing with drum seeder and cono weeding at 10,20 and 30 DAS or Pre emergence application of Pretilachlor 0.75 kg/ha on 8DAS followed by one hand weeding on 40 DAS or Application of Pyrazosulfuron ethyl @ 20g/ha on 3 DAS followed by cono weeding on 25 DAS or Application of Pendimethalin 1 kg /ha at 3 DAS followed by post emergence application bispyribac sodium 25 gram /ha at 25 DAS with one hand weeding at 45DAS.

Due to prevailing weather condition chances of thrips infestation in paddy field. Tocontrol spray thiamethoxam 25% WG 100 g/ha or dimethoate 1.5ml/l. 2. Due to prevailingweather condition brown plant leafhopper infestation is found in paddy crop. SymptomsNymphs and adults congregate at the base of the plant above the water level. Affected plantdries up and gives a scorched appearance called “hopper burn”. Circular patches of dryingand lodging of matured plant. To control spray carbosulfan 400 ml/ac + imidaclopride 40ml/ac or pymetrozine 120 g/ac with wetting agent.

Groundnut:

Treat the groundnut seeds with Trichoderma @ 4g/kg just before sowing.

Groundnut growing farmers reduce the root rot infection treat the seeds with carbendazim@ 2.0 g/kg of seed 24 hours before sowing (or) Trichoderma viride @ 4.0 g/kg of seed (or)bacillus subtilis @ 10 g/kg seed.

Coconut:

In new coconut plantings the hybrids Dwarf × Tall or Tall × Dwarf may be used.

Mango:

The mango crop harvesting is in progress. The fruit may be harvested with 1cm stalk to avoid flow of latex.

The fruits may be treated with 2ml /lit Ethrel along with few sodium hydroxide pellets for uniform ripening and color development.

Brinjal:

There are possibilities of red spider mite in Brinjal crop. For management farmers are advised to spray wettable sulphur 50 WP 2g/lit or dicofol 18.5 EC 2.5 ml/lit.

*Nodal Officer (GKMS)
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Agromet Advisory Bulletin for the Kancheepuram District
Bulletin no. 039/2024 Issued on 14.05.2024
(15.05.2024-19.05.2024)



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 four days around Kancheepuram area, the sky was mostly clear. Maximum temperature was 37.0-38.0°C and Minimum temperature was 28.0°C. Wind speed was 06-13 km per hour. Relative humidity was recorded between 61-77 %.

Past week Summary (10.05.2024-13.05.2024)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 19.05.2024				
10.05.2024	11.05.2024	12.05.2024	13.05.2024		Date	15.05.2024	16.05.2024	17.05.2024	18.05.2024
0.0	0.0	0.0	0.8	Rainfall (mm)	1	2	2	2	5
37	37	37	38	Max. Temp. (°C)	36	36	35	35	34
28	28	28	28	Mini. Temp. (°C)	28	27	27	27	26
64	67	67	77	Maximum RH %	70	70	60	70	70
62	64	61	63	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 East	South South East	South South East	East	Wind direction	South East	South East	South	South	South
13	8	8	6	Wind speed Kmp	10	10	14	18	16

Weather Summary for Kancheepuram district

Weather forecast for next five days: (15.05.2024-19.05.2024)

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 34.0-36.0°C. Minimum temperature is expected to be around 26.0-28.0°C. Morning relative humidity is expected to be around 60-70 per cent and evening relative humidity is expected to be around 40 per cent. Wind speed is expected to be around 10-18 km per hour and the wind direction will be from South.

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