



Agromet Advisory Bulletin for the Chennai District

Bulletin no. 72/2023 Issued on 08.09.2023

(09.09.2023-13.09.2023)

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 31.0-34.0°C and Minimum temperature was 26.0-27.0°C. Wind speed was 04-05 km per hour. Relative humidity was recorded between 65-76 %.

Past week Summary (05.09.2023-07.09.2023)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 13.09.2023				
05.09.2023	06.09.2023	07.09.2023		Date	09.09.2023	10.09.2023	11.09.2023	12.09.2023
0.7	0.0	0.2	Rainfall (mm)	2	3	3	0	3
31	31	34	Max. Temp. (°C)	35	35	35	36	36
27	27	26	Mini. Temp. (°C)	25	25	25	24	23
69	76	68	Maximum RH %	60	60	60	60	70
74	65	71	Minimum RH %	40	40	40	40	40
Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Cloud cover Octa	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky
North	North	South East	Wind direction	South West	South West	West	West	South West
4	4	5	Wind speed Kmp	12	18	16	18	18

Weather Summary for Chennai district

Weather forecast for next five days: (09.09.2023-13.09.2023)

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 35.0-36.0°C. Minimum temperature is expected to be around 23.0-25.0°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 12-18 km per hour and the wind direction will be from South West.

SMS Advisory:

(09.09.2023-13.09.2023) Light to moderate rain is likely to occur at one or two places over Tamilnadu.

Livestock 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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Agromet Advisory Bulletin for the Thiruvannamalai District

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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 31.0-35.0°C and Minimum temperature was 24.0-26.0°C. Wind speed was 04-07 km per hour. Relative humidity was recorded between 60-83 %.

Past week Summary (05.09.2023-07.09.2023)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 13.09.2023				
05.09.2023	06.09.2023	07.09.2023		Date	09.09.2023	10.09.2023	11.09.2023	12.09.2023
0.4	8.9	0.0	Rainfall (mm)	0	0	0	2	0
31	31	35	Max. Temp. (°C)	34	34	35	34	34
25	26	24	Mini. Temp. (°C)	25	25	25	24	24
83	74	77	Maximum RH %	70	70	60	70	70
70	60	78	Minimum RH %	40	40	40	40	40
Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Cloud cover Octa	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky
West North West	South West	North	Wind direction	West	West	West	West North West	West
5	7	4	Wind speed Kmp	14	14	16	16	16

Weather Summary for TVMalai district

Weather forecast for next five days: (09.09.2023-13.09.2023)

According to district forecast issued by the India Meteorological Department for TVMalai district, sky will be mostly clear. Maximum temperature is expected to be around 34.0-35.0°C. Minimum temperature is expected to be around 24.0-25.0°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 14-16 km per hour and the wind direction will be from West.

SMS Advisory:

(09.09.2023-13.09.2023) Light to moderate rain is likely to occur at one or two places over Tamilnadu.

Livestock 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.

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.

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).

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. 72/2023 Issued on 08.09.2023
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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 32.0-35.0°C and Minimum temperature was 25.0-26.0°C. Wind speed was 00-06 km per hour. Relative humidity was recorded between 68-84 %.

Past week Summary (05.09.2023-07.09.2023)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 13.09.2023				
05.09.2023	06.09.2023	07.09.2023		Date	09.09.2023	10.09.2023	11.09.2023	12.09.2023
0.2	15.7	0.0	Rainfall (mm)	2	2	3	3	2
35	32	35	Max. Temp. (°C)	36	36	35	35	35
26	25	26	Mini. Temp. (°C)	26	26	25	25	25
84	81	77	Maximum RH %	60	60	60	70	70
75	68	73	Minimum RH %	30	40	30	40	30
Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Cloud cover Octa	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky
	West South West		Wind direction	West South West	West South West	West South West	West North West	West South West
0	6	0	Wind speed Kmp	14	14	16	16	14

Weather Summary for Villupuram district

Weather forecast for next five days: (09.09.2023-13.09.2023)

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 25.0-26.0°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 South West.

SMS Advisory:

(09.09.2023-13.09.2023) Light to moderate rain is likely to occur at one or two places over Tamilnadu.

Livestock 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.

Agricultural advisory

Rice:

Anticipating rainfall, farmers are advised to prepare nursery for samba season rice crop.

Utilizing weather conditions prepare land for samba rice cultivation.

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.

Groundnut:

Due to prevailing weather conditions possible for thrips infestation in groundnut crop. To control spray quinalphos 25 EC 560 ml/ac.

Sugarcane:

Light rainfall with high wind is expected, detrash and propping in five months old sugarcane crop is recommended against the lodging.

Banana:

Light rainfall with wind speed expected it may cause lodging in banana. Provide support to five months and above old banana.

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Agromet Advisory Bulletin for the Kancheepuram District
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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 30.0-34.0°C and Minimum temperature was 26.0°C. Wind speed was 03 km per hour. Relative humidity was recorded between 55-78%.

Past week Summary (05.09.2023-07.09.2023)			Parameters	Ensemble weather forecast valid until 08.30 hrs of 13.09.2023				
05.09.2023	06.09.2023	07.09.2023		Date	09.09.2023	10.09.2023	11.09.2023	12.09.2023
5.2	0.0	0.0	Rainfall (mm)	0	0	2	0	2
31	30	34	Max. Temp. (°C)	35	35	36	35	36
26	26	26	Mini. Temp. (°C)	23	25	25	24	24
70	78	68	Maximum RH %	60	60	60	60	60
70	55	60	Minimum RH %	30	40	40	40	30
Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Cloud cover Octa	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky	Mostly cloudy Sky
North	South West	South East	Wind direction	West South West	West	West North West	West North West	West
3	3	3	Wind speed Kmp	14	14	16	16	14

Weather Summary for Kancheepuram district

Weather forecast for next five days: (09.09.2023-13.09.2023)

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 35.0-36.0°C. Minimum temperature is expected to be around 23.0-25.0°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 14-16 km per hour and the wind direction will be from West.

SMS Advisory:

(09.09.2023-13.09.2023) Light to moderate rain is likely to occur at one or two places over Tamilnadu.

Livestock 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.

Agricultural advisory

Rice:

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). To provide adequate drainage facility in lowland areas.

Brinjal:

Due to day temperature sucking pest incidence may be increase. To control this, spray imidachloprid 0.3 ml/ litre. 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. To provide adequate drainage facility in lowland areas.

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